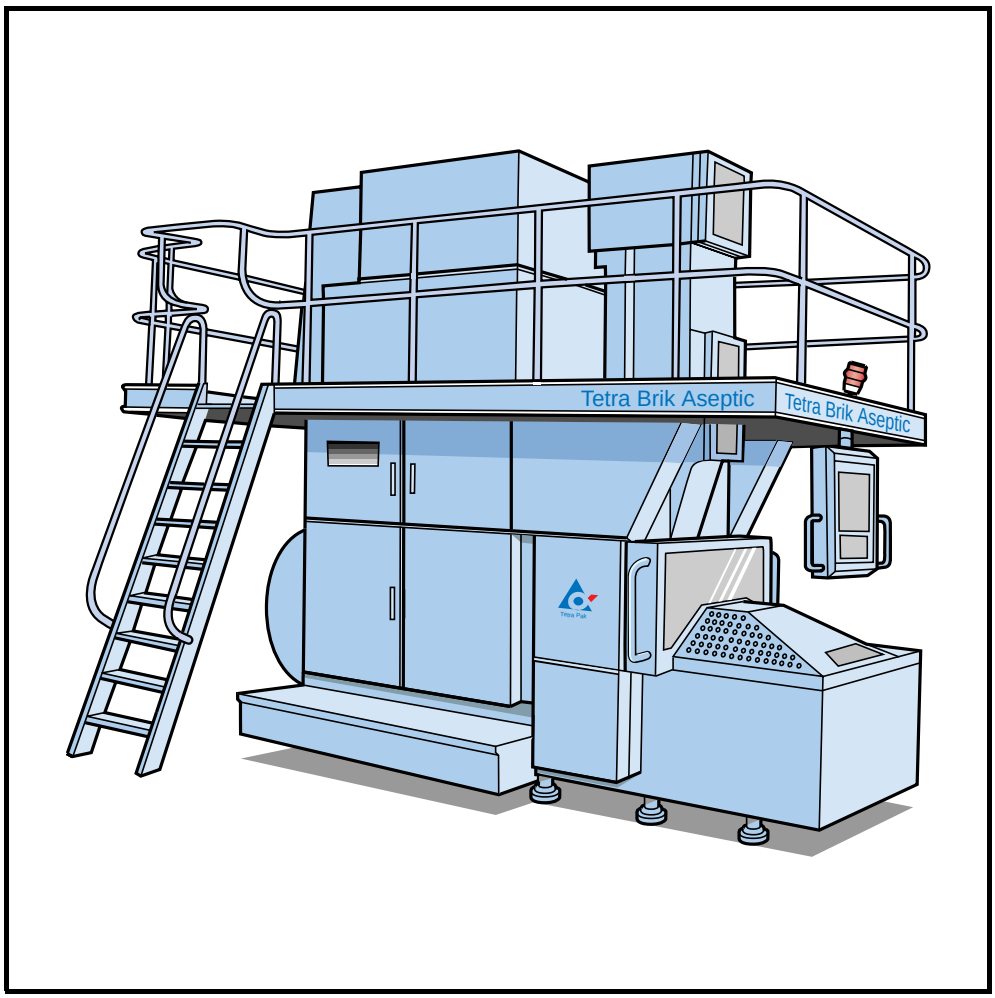
SPC

Spare Parts Catalogue

TBA/19

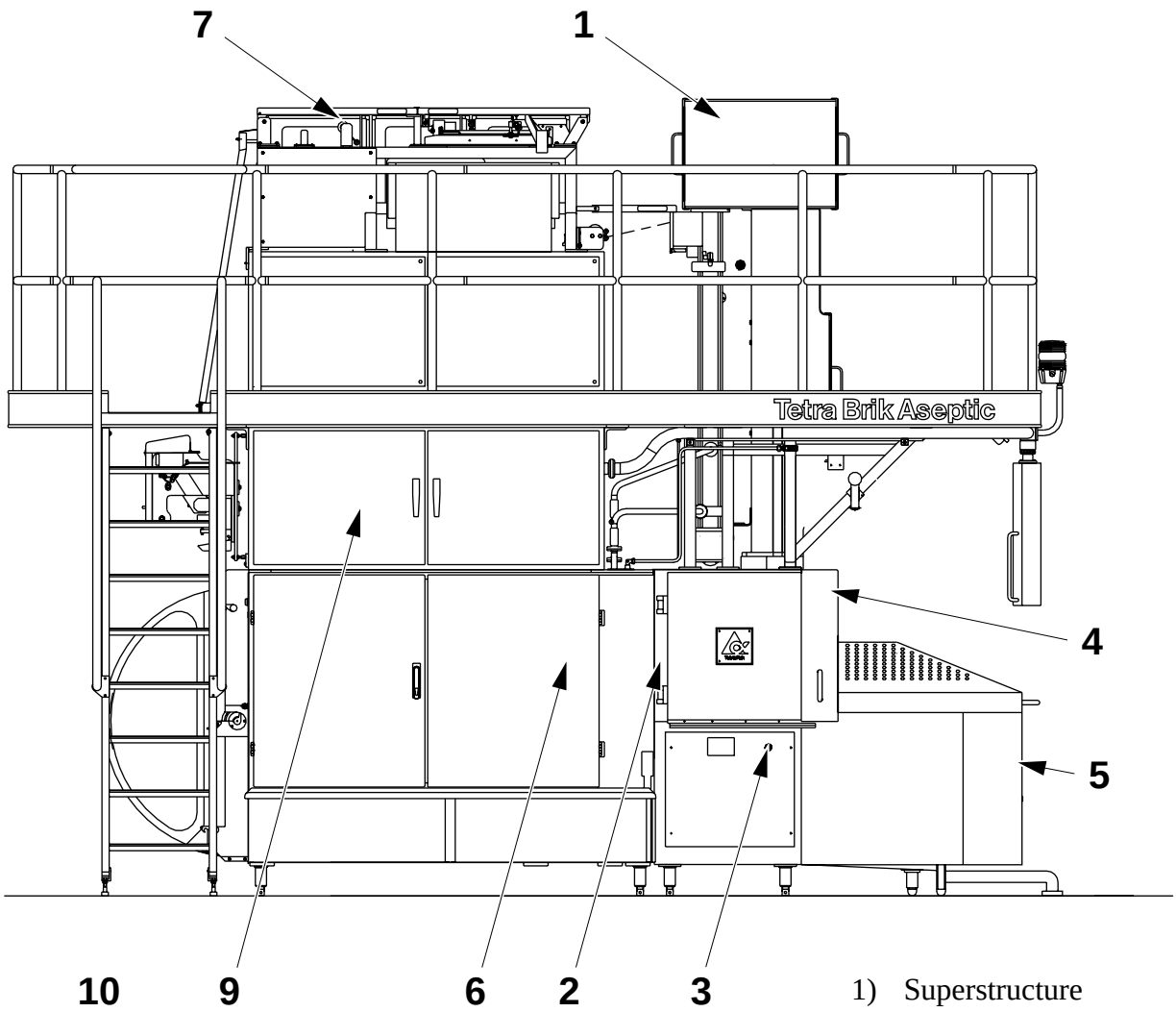
648160-010V



Tetra Pak

Doc No: SPC-82080-0106

Main Groups of the Machine



1) Superstructure
2) Machine body
3) Drive unit
4) Jaw system
5) Final folder
6) Service unit
7) Strip applicator
8) -
9) Electrical cabinet
10) Regular accessories

For the correct machine data, check your machine specification, supplied with the machine!

This document is valid for:

Series No/ Machine No Sign.

SPC
Spare Parts Catalogue

Tetra Brik Aseptic
TBA/19
648160-010V

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Doc No: SPC-82080-0106

Issue 9910

Tetra Pak

Business Unit tetra Brik.

General information

Manufacturer

This machine is produced by:
Business Unit tetra Brik.
Via Delfini 1
41100 Modena /Italy

Document producer

This document has been produced by:
Business Unit tetra Brik.
Technical Publications
Via Delfini 1
41100 Modena /Italy

Number of pages

This document contains totally **772 pages,** including the first **8** introduction pages.

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Introduction

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Equipment information

Intended use

The purpose of the Spare Parts Catalogue (SPC) is to provide the technicians and contact personnel with information on how to find and order spare parts for maintenance and service of the machine.

For instructions of how to replace parts and adjust machine setup, see the Maintenance Manual (MM).

Manufacturer

This Tetra Pak equipment has been manufactured by:

Tetra Brik Packaging Systems AB
Ruben Rausings gata
221 86 LUND
Sweden

or by:

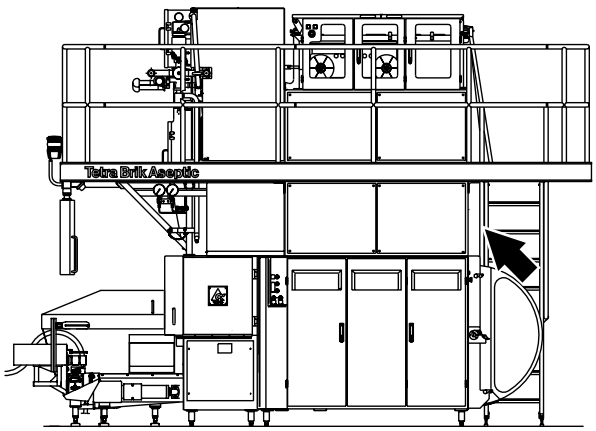
Tetra Brik Packaging Systems S.p.A.
Via Delfini 1
411 00 MODENA
Italy

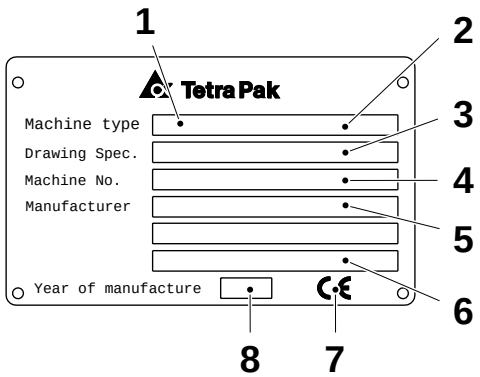
Service

Contact the nearest Tetra Pak service station to order spare parts or additional copies of this catalogue for your machine.

Identification

The figure shows an example of the equipment sign.The sign carries data needed when contacting Tetra Pak concerning this specific equipment.





1 Machine type
2 Volume
3 Drawing specifications
4 Machine serial number
5 Manufacturer
6 (Designed by)
7 CE mark
8 Year of manufacture

(Cont'd)

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(Cont'd)

CE marking

This equipment complies with the basic health and safety regulations of the European Economic Area (EEA).

(Cont'd)

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(Cont'd)

Tetra Pak Part numbering system

The third and forth digits in the subnumber, specify one unique group which can be ordered. If the forth digit is replaced by a "V", the number combination only points to a bill-of-material document.

The first and second digits in the sub-number, specify the development step (model) of the machine or group.

Main number of machine /group /article, depending on level.

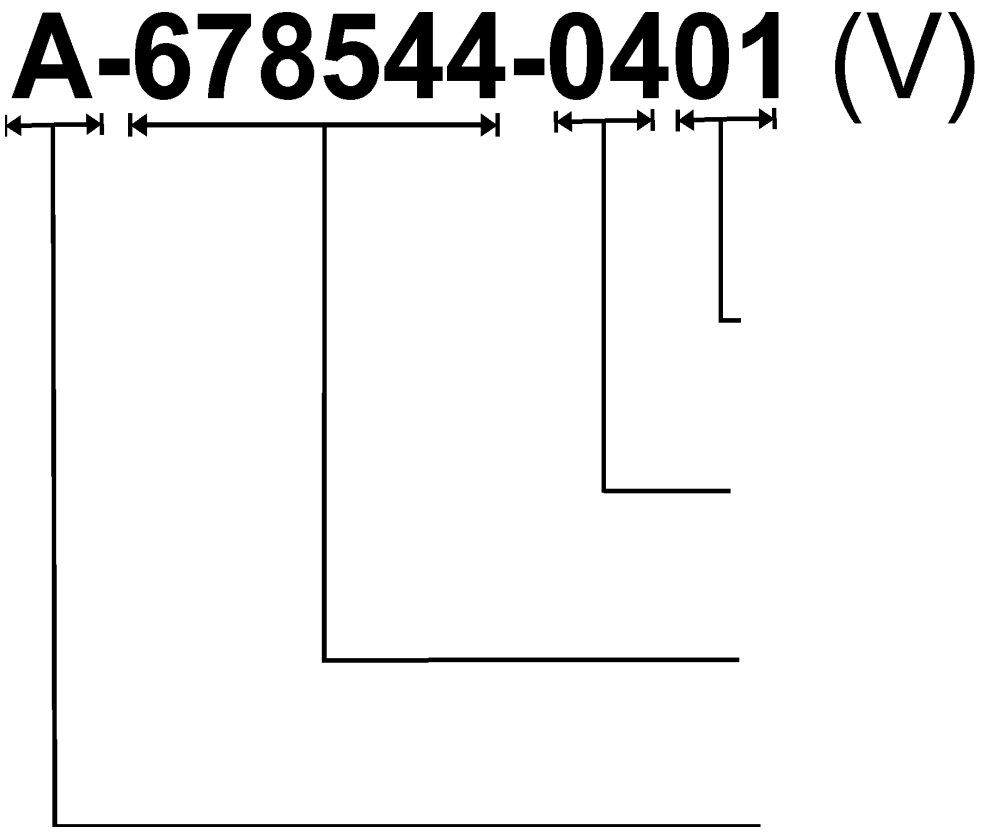
Prefix, giving information about level, eg.

A = Machine

B = Main section (*****)

C = Groups and subgroups

***)** Customized distribution machines are registered as B-level as well.



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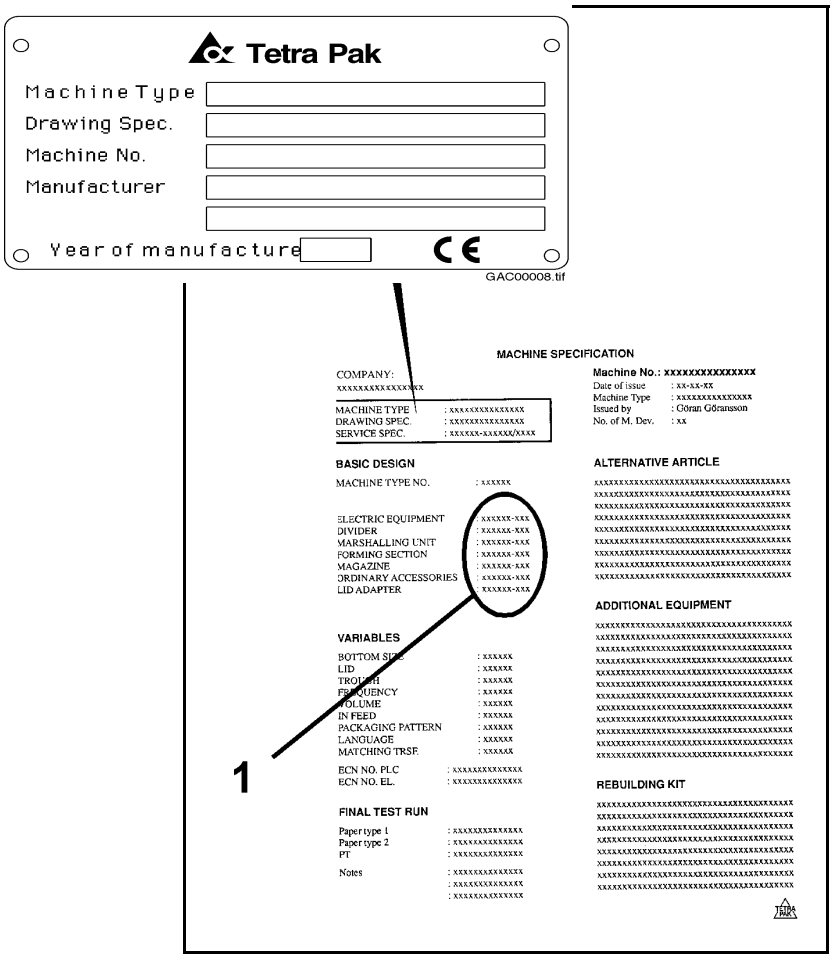
How to find the correct Spare Part Number

a) Check that the data on your machine sign, and /or machine specification, corresponds with the catalogue.



1 Main groups of the machine

(Cont'd)

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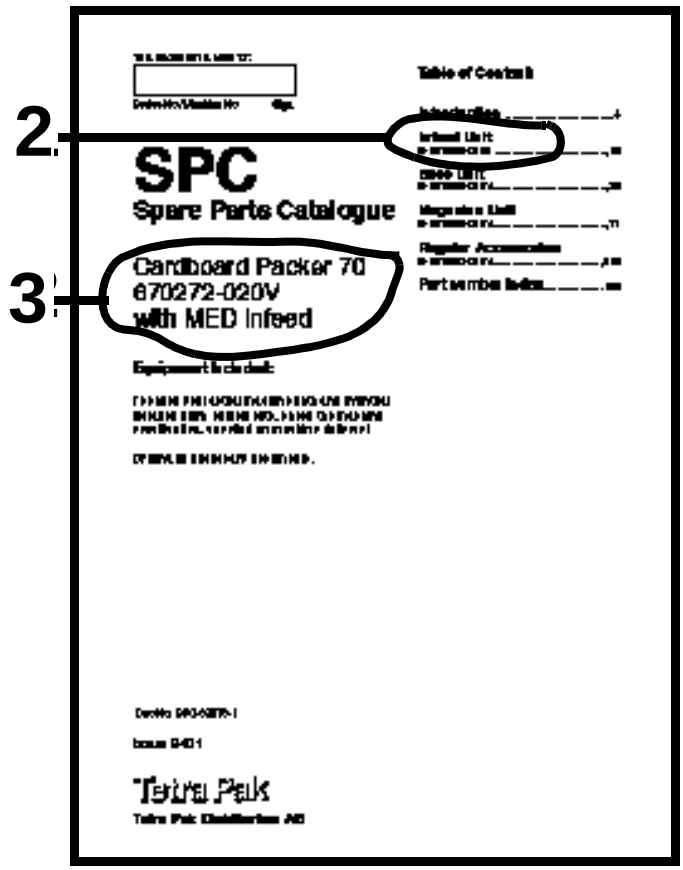
(Cont'd)

b) B. The second catalogue sheet contains a table of content for the main groups, included in the catalogue. The information regarding machine and main group status MUST correspond with your machine specification.
Locate and choose the main groups page number, in which you want to search for spare parts.



2 Main group
3 Machine type

(Cont'd)

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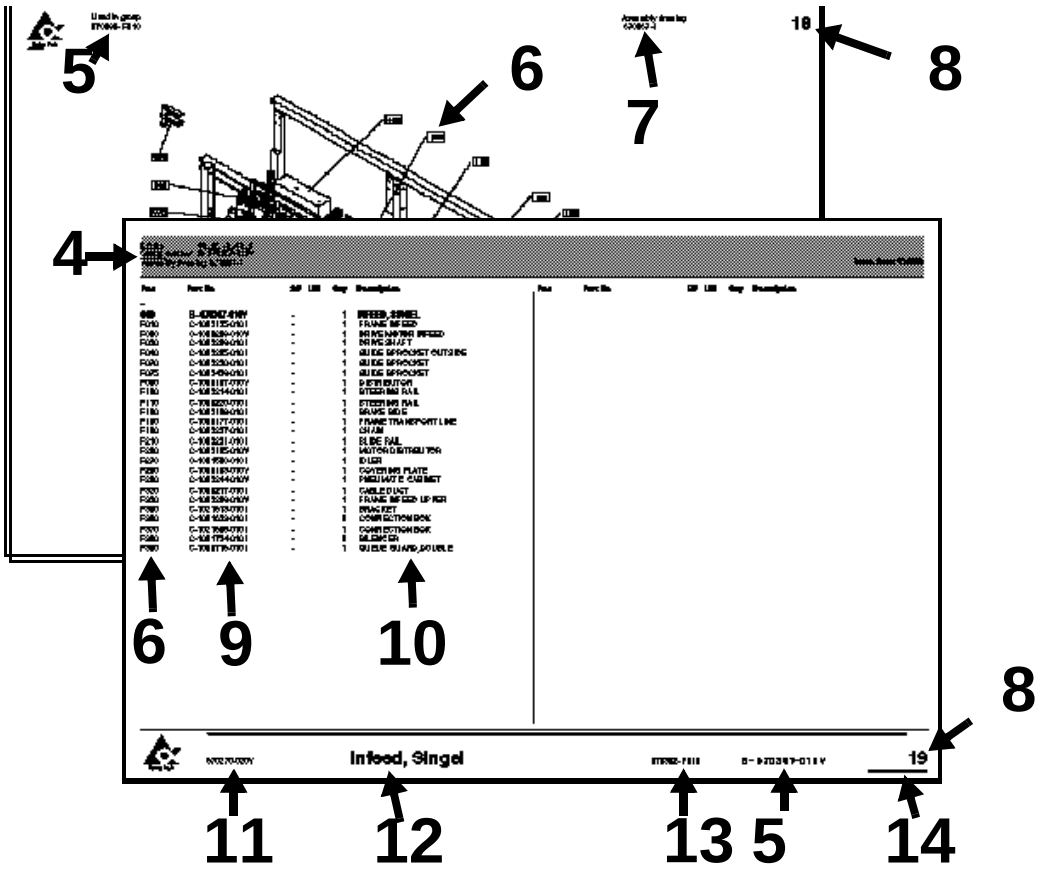
(Cont'd)

c) Search in the main group illustration the item numbers corresponding to the requested spare part:
   - Internal information, such as latest Engineering Change, bill-of-material included in the catalogue page (4).
   - Used-In reference to next higher level in the machine structure
   - Assembly drawing number (5).
   - Continuous page numbering through the document (8).
   - Pos number corresponding to illustration (6).
   - Group or article number (9).
   - Group or article description (10).
   - Machine type including development status (11).
   - Group description (12).
   - Group number (bill-of-material) including development status (13).
   - Document number (14).



(Cont'd)

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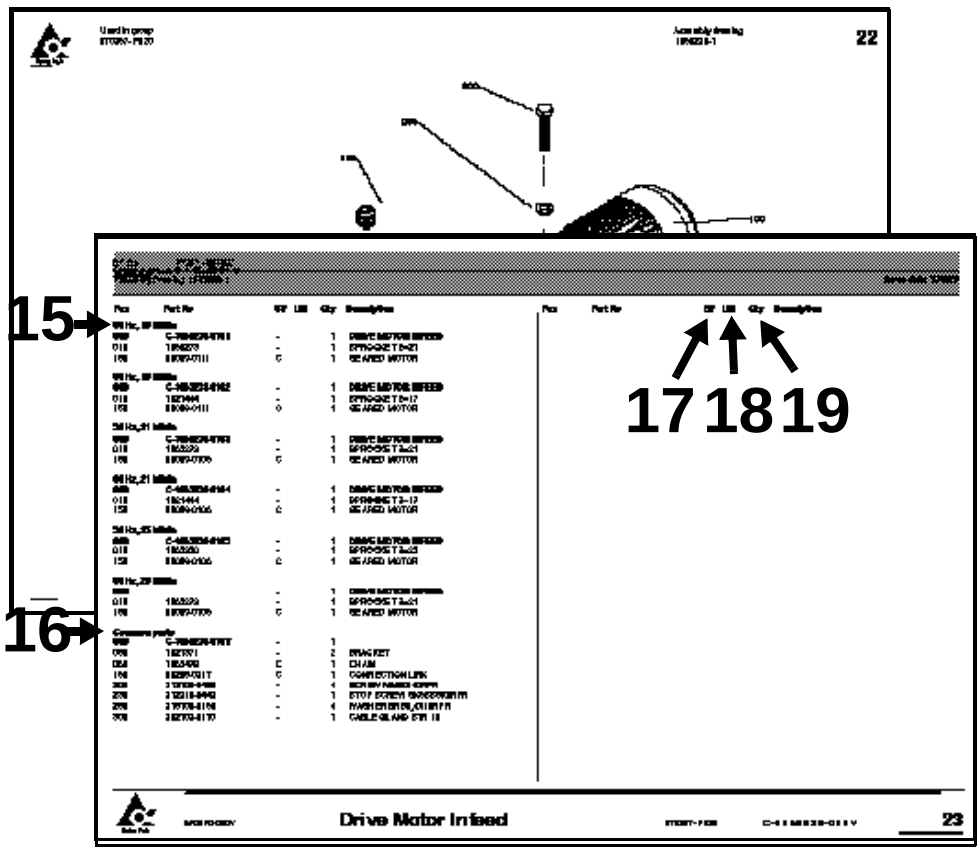
(Cont'd)

d) Continue to the found page number, and search in the illustration for your spare part. Go to the text row for the found item number, and read the part number. Take eventual variant headings in consideration; if you are unsure, read your machine specification:

- Variant heading in terms of volume, frequency, etc. (15).
- Common parts heading (16).
- SP code (17) for articles that are included into various spare part kits according to the table below.

A = Stop function, no rep/available/bypassed
B = Stop function, rep/available/bypassed
C = Don't stop function, can bypassed
D = Seldom break, long time production
E = 100 operating hours
F = 250 operating hours
G = 500 operating hours
H = 750 operating hours
I = 1000 operating hours
J = 2000 operating hours
K = 3000 operating hours
L = 4000 operating hours
M = 5000 operating hours
N = 6000 operating hour
O = 7000 operating hour
P = 8000 operating hour
Q = 9000 operating hour
R = 10000 operating hour
S = 11000 operating hours
T = 12000 operating hours
U = 13000 operating hours
V = 14000 operating hours
W = 15000 operating hour
X = 20000 operating hour
Y = 25000 operating hour
Z = 30000 operating hour

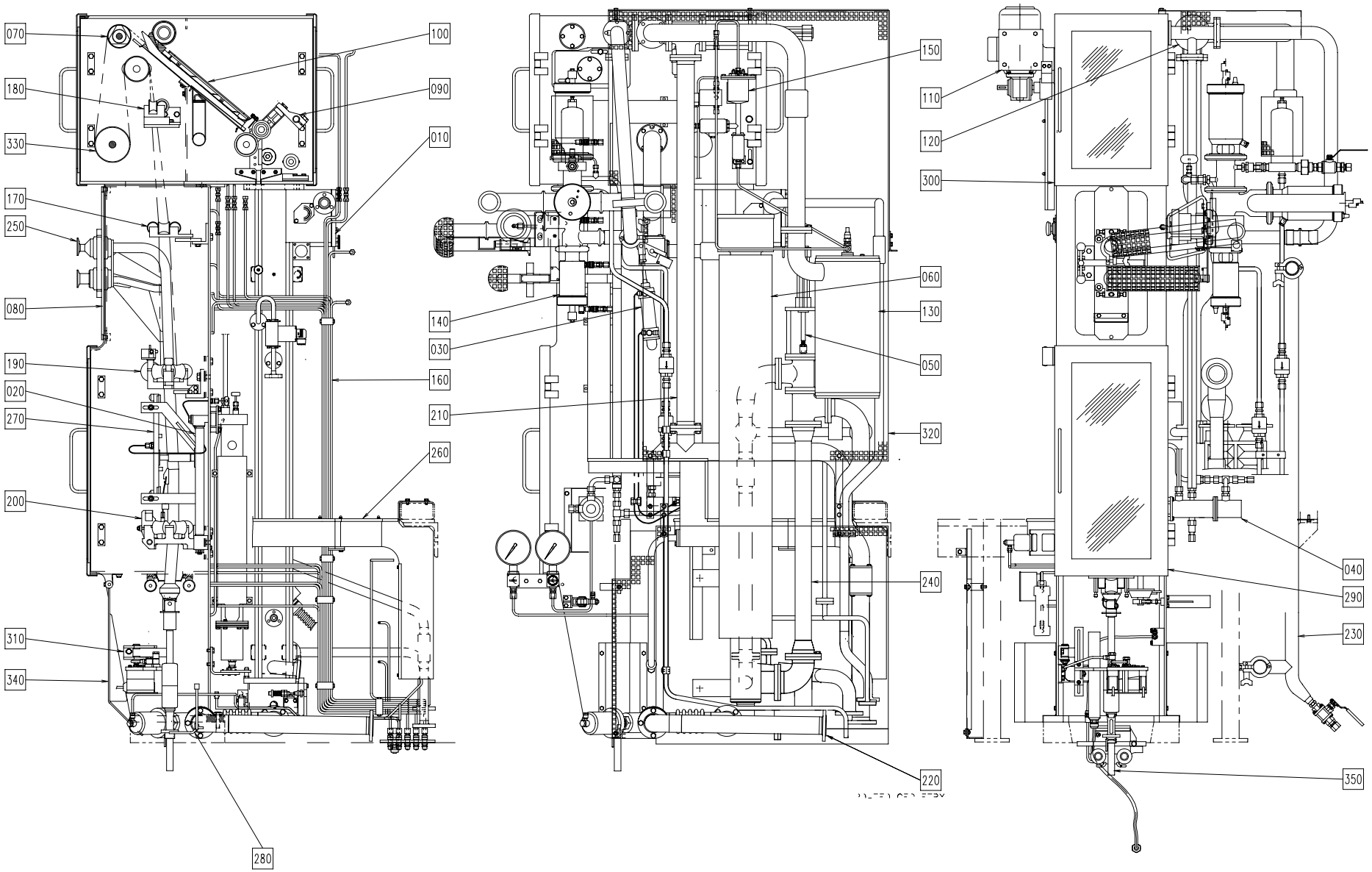
- UN code (18). Used for measure units (mm, kg, etc.).
- Qty code (19). Used to number the amount of parts in the complete assembly.



2.28208006int.fm

SPC

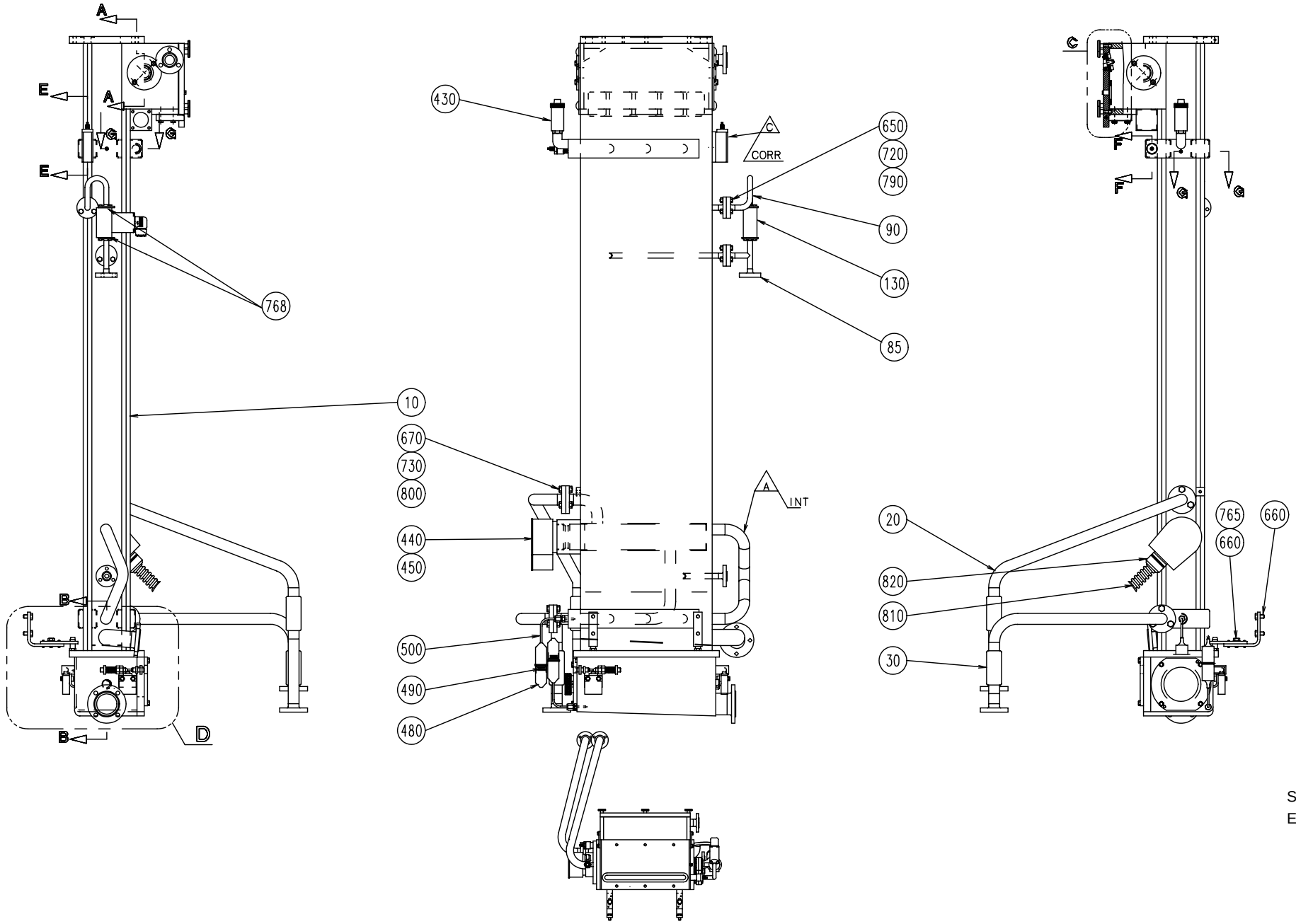
Spare Parts Catalogue



500 UPPSTARTSATS / START-UP KIT

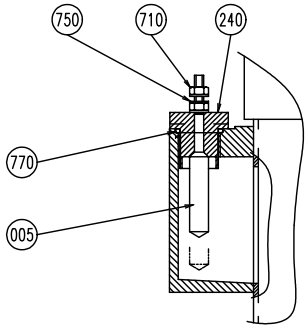
Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 256014-0700	-		1	BATH	12
F020	A 256055-0600	-		1	HOT AIR ELEMENT	20
F030	A 256084-0600	-		1	CHANGE-OVER VALVE	24
F040	A 256095-0600	-		1	HOT AIR ELEMENT	26
F050	A 271169-0500	-		1	VALVE	28
F060	A 271181-0500	-		1	AIR SUPER-HEATER	30
F070	A 272004-0400	-		1	BENDING ROLLER	32
F080	A 272021-0700	-		1	ASEPTIC CHAMBER	34
F090	A 272024-0400	-		1	CALENDER ROLLER	38
F100	A 272025-0300	-		1	AIR KNIFE	40
F110	A 272028-0700	-		1	BENDING ROLLER	44
F120	A 272337-0500	-		1	VALVE	50
F130	A 272407-0400	-		1	GENERATOR	52
F140	A 272560-0700	-		1	PRODUCT VALVE	54
F150	A 272623-0600	-		1	SPRAY SYSTEM	70
F160	A 295045-0800	-		1	PIPE WORK-PNEUMATIC	72
F170	A 441304-0400	-		1	MOVABLE FORMING RING	80
F180	A 441307-0300	-		1	UPPER TUBE SUPPORT	88
F190	A 441486-0400	-		1	DIVIDED FORMING RING	96
F200	A 456309-0500	-		1	LOWER FORMING RING	102
F210	A 456555-0500	-		1	SUCTION PIPE	106
F220	A 456556-0300	-		1	PEROXIDE PIPE	108
F230	A 456836-0500	-		1	CLEANING SYSTEM	110
F240	A 456976-0600	-		1	HEAT EXCHANGER	114
F250	A 469091-0400	-		1	FILLER TUBE	118
F260	A 469374-0500	-		1	CABLE TRENCH	120
F270	A 469501-0400	-		1	AIR NOZZLE	122
F280	A 469781-0300	-		1	TUBE FLUSHING DEVICE	124
F290	A 491570-0200	-		1	DOOR	128
F300	A 491579-0200	-		1	DOOR	130
F310	A 491976-0200	-		1	PHOTOCELL UNIT	132
F320	A 579625-0100	-		1	PROTECTIVE GRATING	142
F330	A 751088-0300	-		1	CREASE ROLLER	146
F340	A 751702-0100	-		1	HATCH	148
F350	A 925991-0100	K		1	LEVEL PROBE	150
F500	A 295778-0500	-		1	START-UP KIT	156

Pos	Part No	SP	UN	Qty	Description	Page No

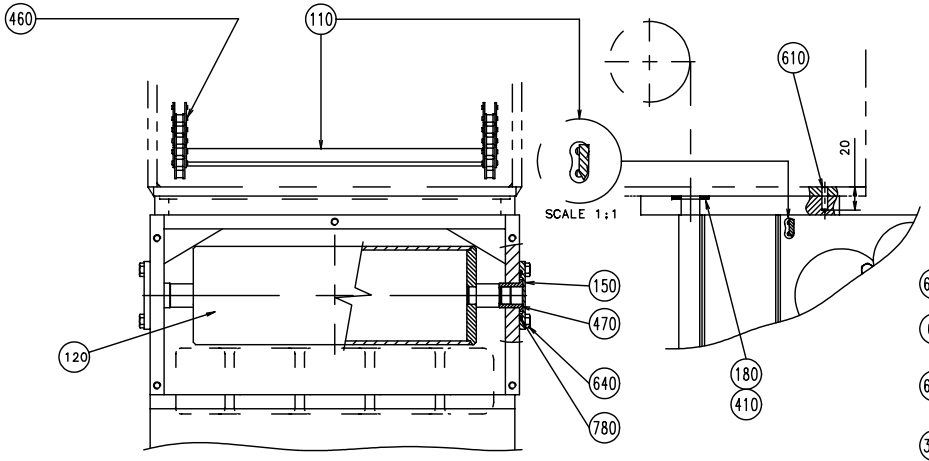


S-256014-26
ECN 72867

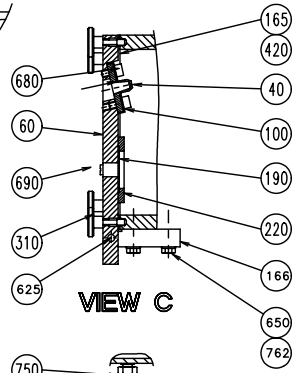
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	978874-0000	D		1	BATH	
020	979099-0000	-		1	PIPE	
030	979100-0000	-		1	PIPE	
050	577471-0000	D		1	BENDING ROLLER	
070	578491-0000	-		1	LID	
080	578492-0000	-		1	LID	
085	1490839-0000	-		1	PIPE	
090	1490840-0000	-		1	PIPE	
110	456995-0000	M		1	CARRIER	
120	1282581-0000	D		1	BENDING ROLLER	
130	B 544906-0000	M		1	SOLENOID VALVE	
150	578490-0000	-		2	LID	
160	578493-0000	I		1	SHAFT	
166	979559-0000	-		2	HINGE	
170	247248-0000	-		2	PIN	
180	256005-0000	M		1	GASKET	
200	456472-0000	-		2	ANGLE	
210	456474-0000	-		2	ADJUSTMENT PLATE	
230	490890-0000	-		2	NUT PLATE	
240	560931-0000	K		2	BRACKET	
250	979500-0001	N		1	ELECTRODE	
260	578486-0000	Q		2	WHEEL	
270	578488-0000	-		2	SHAFT	
280	578489-0000	-		2	SCREW	
290	578494-0000	I		1	O-RING	
300	578495-0000	I		1	O-RING	
400	90044-0084	J		2	LIMITSWITCH HONEYWELL 14CE1-4	
410	90153-0016	-	KG	1	ADHESIVE TUBE 100G RHODORSIL CAF 3	
430	90187-0105	-		1	VENT. VALVE	
440	B 90206-0070	J		1	HEATING ELEMENT 6000W 380/220V	
450	90206-0326	-		1	CONNECTION BOX	
455	90261-0036	-		1	PIPE PLUG "REPL.BY 90261-71"	
460	90288-0066	R		2	ROLLER CHAIN,SINGLE 3/8"-365	
470	90240-0146	J		4	BEARING BUSHING WITH FLANGE,15/21X20	
480	90326-0012	J		2	PROTECTIVE COVER	
490	90326-0020	J		2	PLUG,FEMALE YELLOW CR-AL	
500	90326-0052	J		2	THERMO ELEMENT	
510	90335-0036	-		2	SPRING	
600	311103-0270	-		4	PIN,STRAIGHT M6 4x16	
610	311103-0310	-		2	PINS,STRAIGHT 5X20	
620	311103-0355	-		1	PIN,STRAIGHT 6x25	
625	311103-0361	-		2	PIN,STRAIGHT 6x40 Stainless	
630	312105-0333	-		4	SCREW M6S ISO 4017 M5x25 A280	
640	312105-0368	-		14	SCREW M6S ISO 4017 M6x16 A280	
650	312105-0372	-		13	SCREW M6S ISO 4017 M6X25 A280	
660	312105-0449	-		6	SCREW M6S ISO 4017 M8x16 A280	
670	312105-0453	-		6	SCREW M6S ISO 4017 M8x25 A280	
710	312605-0312	-		9	NUT,HEXAGON,M4 RFR	
720	312605-0316	-		9	NUT,HEXAGON A280 M6M6	
730	312605-0318	-		6	NUT,HEXAGON,M8 RFR	
740	312605-0320	-		4	NUT,HEXAGON,M10 A280	
750	315105-0136	-		12	WASHER,PLAIN ROUND 4,3x8 Stainless	
760	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
762	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
765	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
770	927421-0004	J		2	O-RING 15.3X2.4 SILICON	
780	927422-0014	J		2	O-RING 34.2X3 SILICON	
790	315229-0101	J		3	GASKET 40531-1	
800	315229-0103	J		2	GASKET 40533-1	
810	352135-0109	-	MM	800	HOSE .022	
820	352136-0142	-		1	GLAND FITTING	
PT19 TBA 0100B or PT19 TBA 0125S or PT19 TBA 0160S or PT19 TBA 0180B or PT19 TBA 0200B or PT19 TBA 0200M or PT19 TBA 0200S or PT19 TBA 0236B or PT19 TBA 0250B or PT19 TBA 0330S						
F010	A 582432-0100	-		1	LID	
005	567070-0019	N		1	ELECTRODE	
040	273954-0000	F		1	SEAL	
060	578483-0000	-		1	LID	
100	456784-0000	-		1	LID	
165	751331-0000	K		1	GASKET	
190	273937-0000	F		1	DIAPHRAGM	
220	469982-0000	Q		1	WASHER	
310	751680-0000	Q		6	SCREW	
420	90153-0023	-	L	1	ADHESIVE	
680	312115-0366	-		6	SCREW MC6S ISO 4762 M6X12 A280	
690	312125-0335	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X30 RFR	
PT19 TBA 0250S or PT19 TBA 0284B or PT19 TBA 0300S						
F010	A 582432-0100	-		1	LID	
005	567070-0011	N		1	ELECTRODE	
NOPT TBA 0100B or NOPT TBA 0125S or NOPT TBA 0160S or NOPT TBA 0180B or NOPT TBA 0200B or NOPT TBA 0200M or NOPT TBA 0200S or NOPT TBA 0236B or NOPT TBA 0250B or NOPT TBA 0330S						
005	567070-0019	N		1	ELECTRODE	
040	273954-0000	F		1	SEAL	
060	578483-0000	-		1	LID	
100	456784-0000	-		1	LID	



SECTION E-E
SCALE 1:1

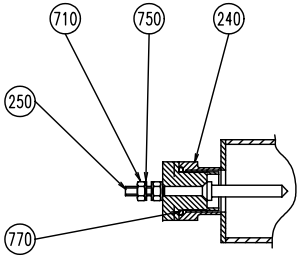


SECTION A-A

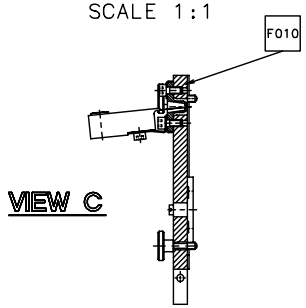


VIEW C

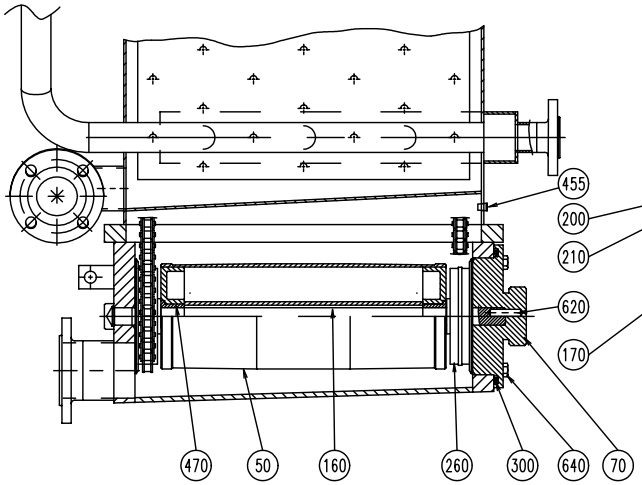
SECTION G-G
SCALE 1:1



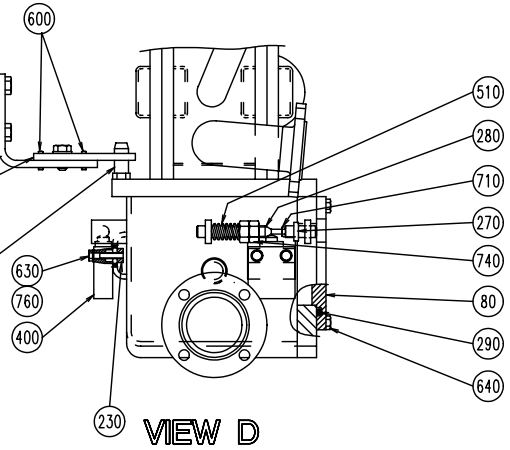
SECTION F-F
SCALE 1:1



VIEW C



SECTION B-B

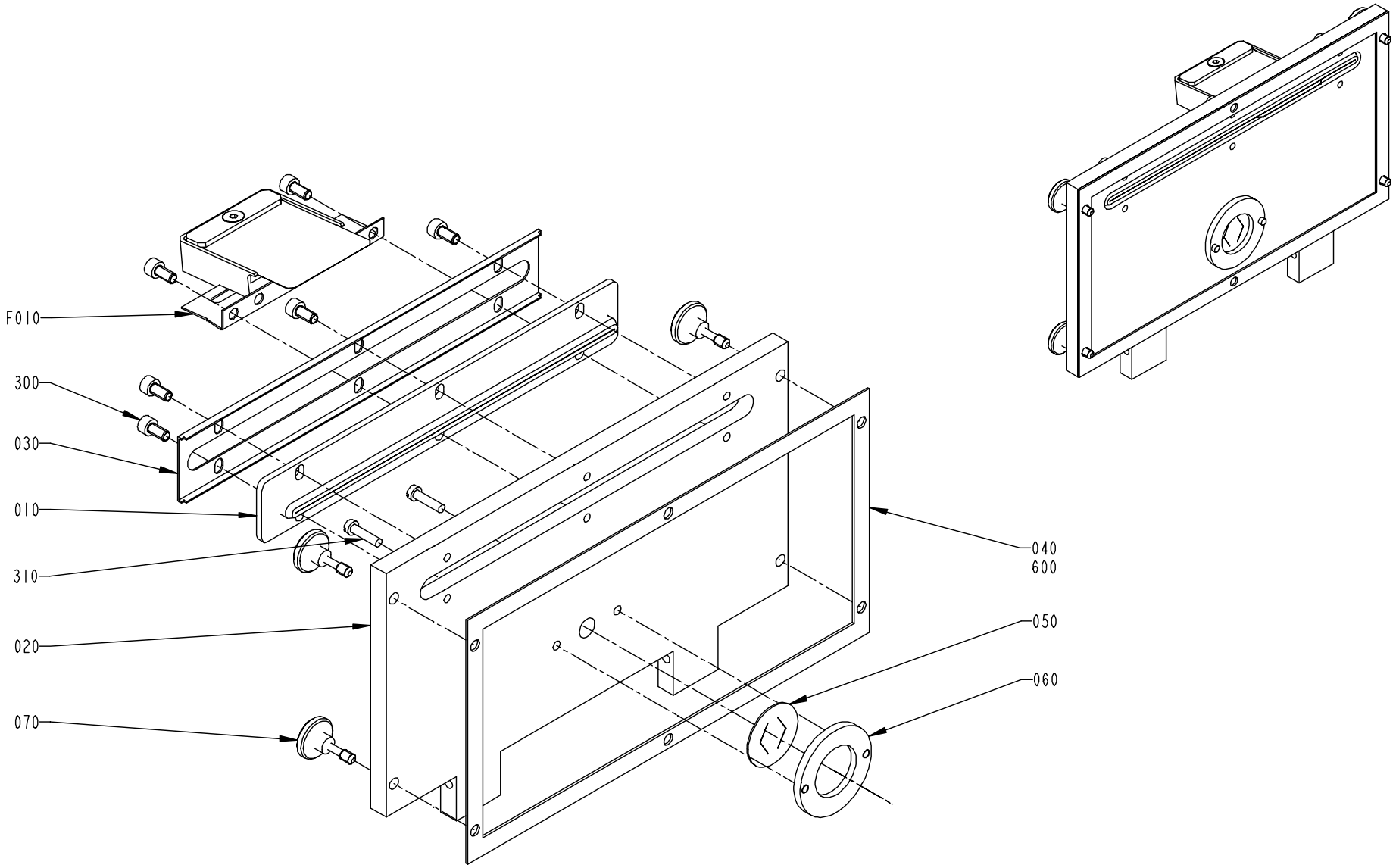


VIEW D

S-256014-27
ECN 72867

Pos	Part No	SP	UN	Qty	Description	Page No
165	751331-0000	K		1	GASKET	
190	273937-0000	F		1	DIAPHRAGM	
220	469982-0000	Q		1	WASHER	
310	751680-0000	Q		6	SCREW	
420	90153-0023	-	L	1	ADHESIVE	
680	312115-0366	-		6	SCREW MC6S ISO 4762 M6X12 A280	
690	312125-0335	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X30 RFR	
NOPT TBA 0250S or NOPT TBA 0284B or NOPT TBA 0300S						
005	567070-0011	N		1	ELECTRODE	
040	273954-0000	F		1	SEAL	
060	578483-0000	-		1	LID	
100	456784-0000	-		1	LID	
165	751331-0000	K		1	GASKET	
190	273937-0000	F		1	DIAPHRAGM	
220	469982-0000	Q		1	WASHER	
310	751680-0000	Q		6	SCREW	
420	90153-0023	-	L	1	ADHESIVE	
680	312115-0366	-		6	SCREW MC6S ISO 4762 M6X12 A280	
690	312125-0335	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X30 RFR	

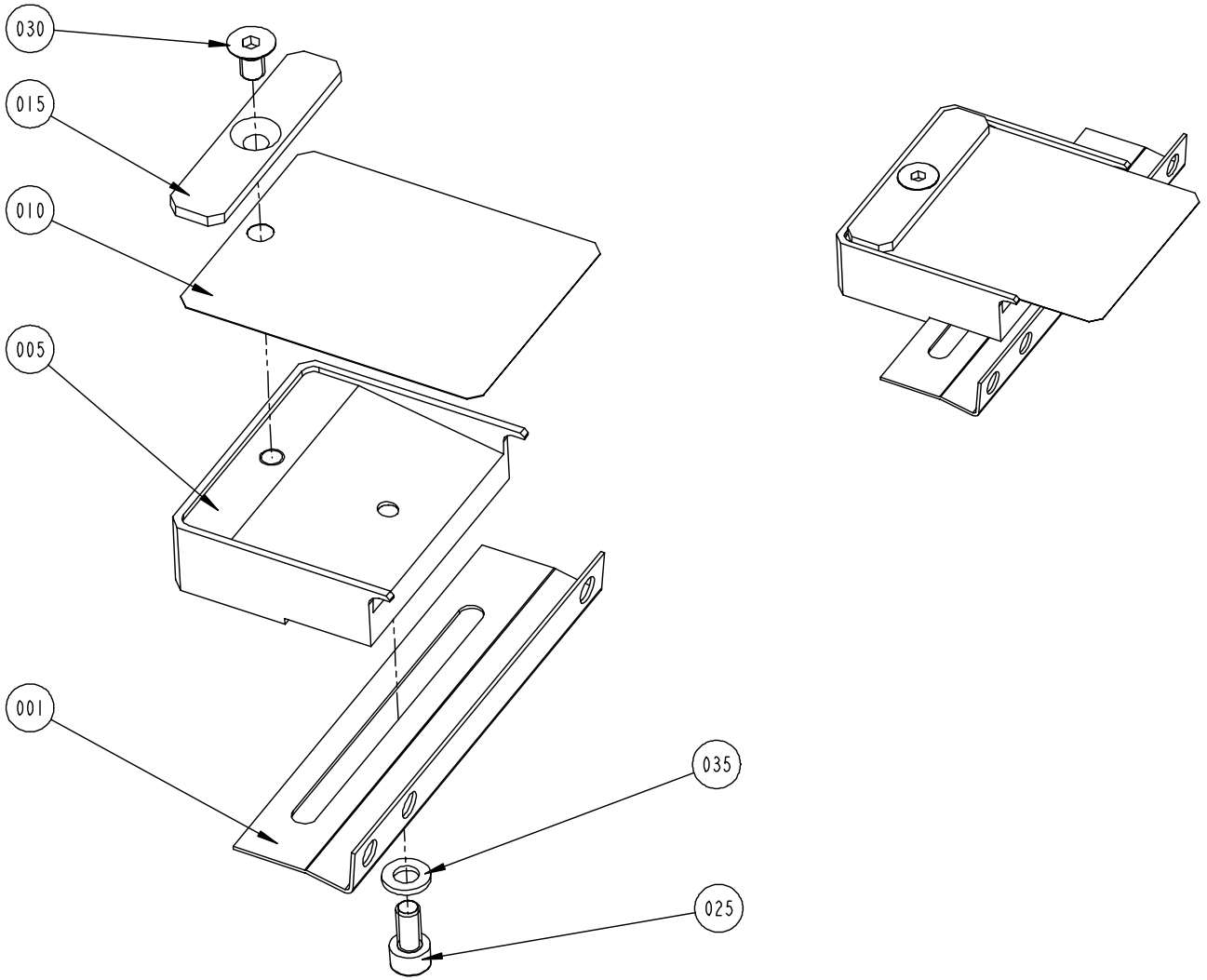
Pos	Part No	SP	UN	Qty	Description	Page No


F010
300
030
010
310
020
070
040
600
050
060

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 530600-0100	-		1	GUIDING PULLTAB TBA/8	**18**
010	273954-0000	J		1	SEAL	
020	582433-0000	-		1	LID	
030	456784-0000	-		1	LID	
040	751331-0000	K		1	GASKET	
050	273937-0000	I		1	DIAPHRAGM	
060	469982-0000	-		1	WASHER	
070	751680-0000	-		4	SCREW	
300	312115-0366	-		6	SCREW MC6S ISO 4762 M6X12 A280	
310	312125-0331	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X20 RFR	
600	90153-0023	-	L	x	ADHESIVE	

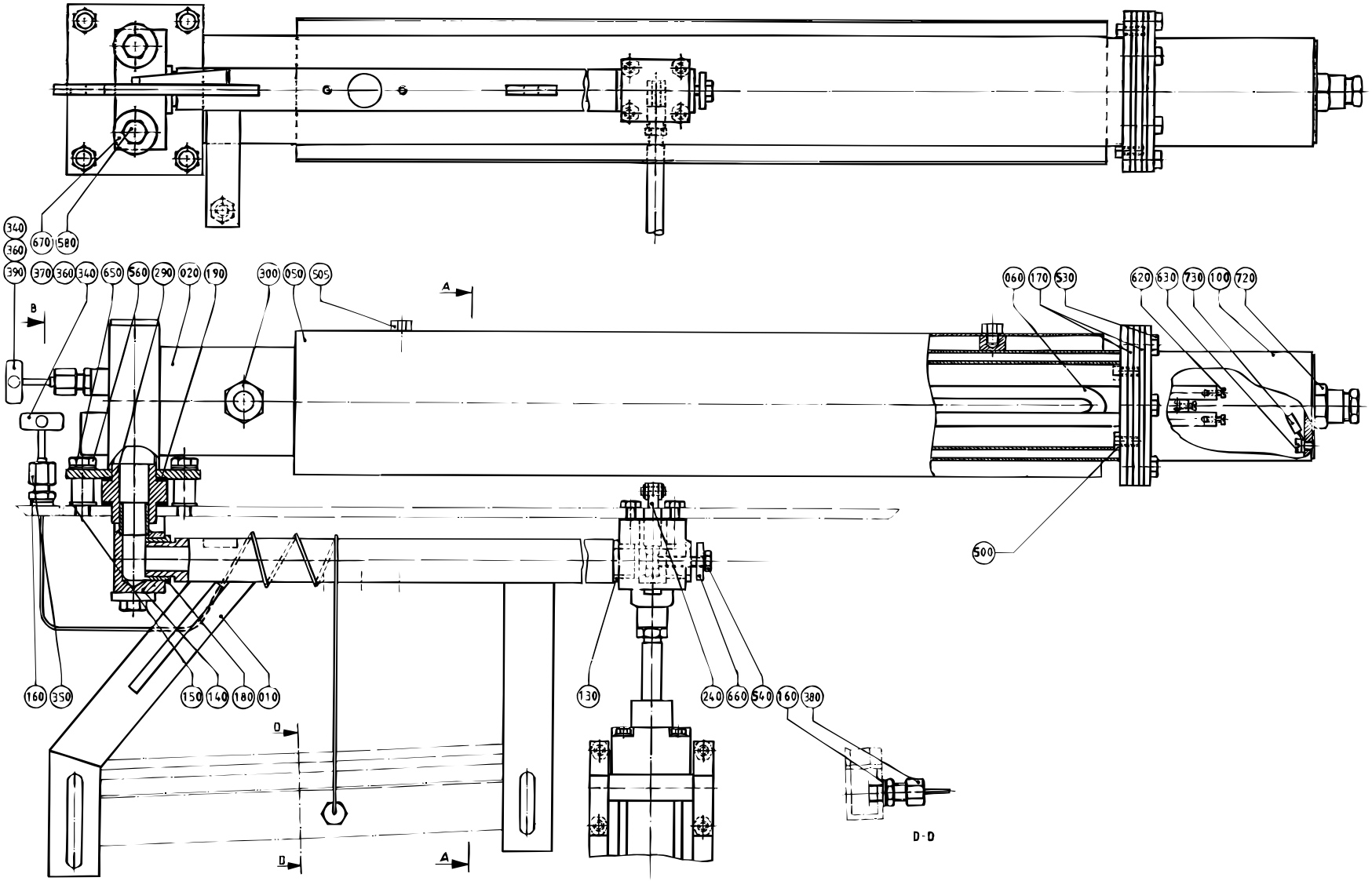
Pos	Part No	SP	UN	Qty	Description	Page No

GUIDING PULLTAB TBA/8



Pos	Part No	SP	UN	Qty	Description	Page No
-						
001	529146-0000	-		1	ANGLE BRACKET	
005	529147-0000	-		1	SPRING BRACKET	
010	529148-0000	-		1	STEERING	
015	529149-0000	-		1	DOLLY WASHER	
025	312115-0366	-		1	SCREW MC6S ISO 4762 M6X12 A280	
030	312155-0364	-		1	SCREW MF6S6X10RFR	
035	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	

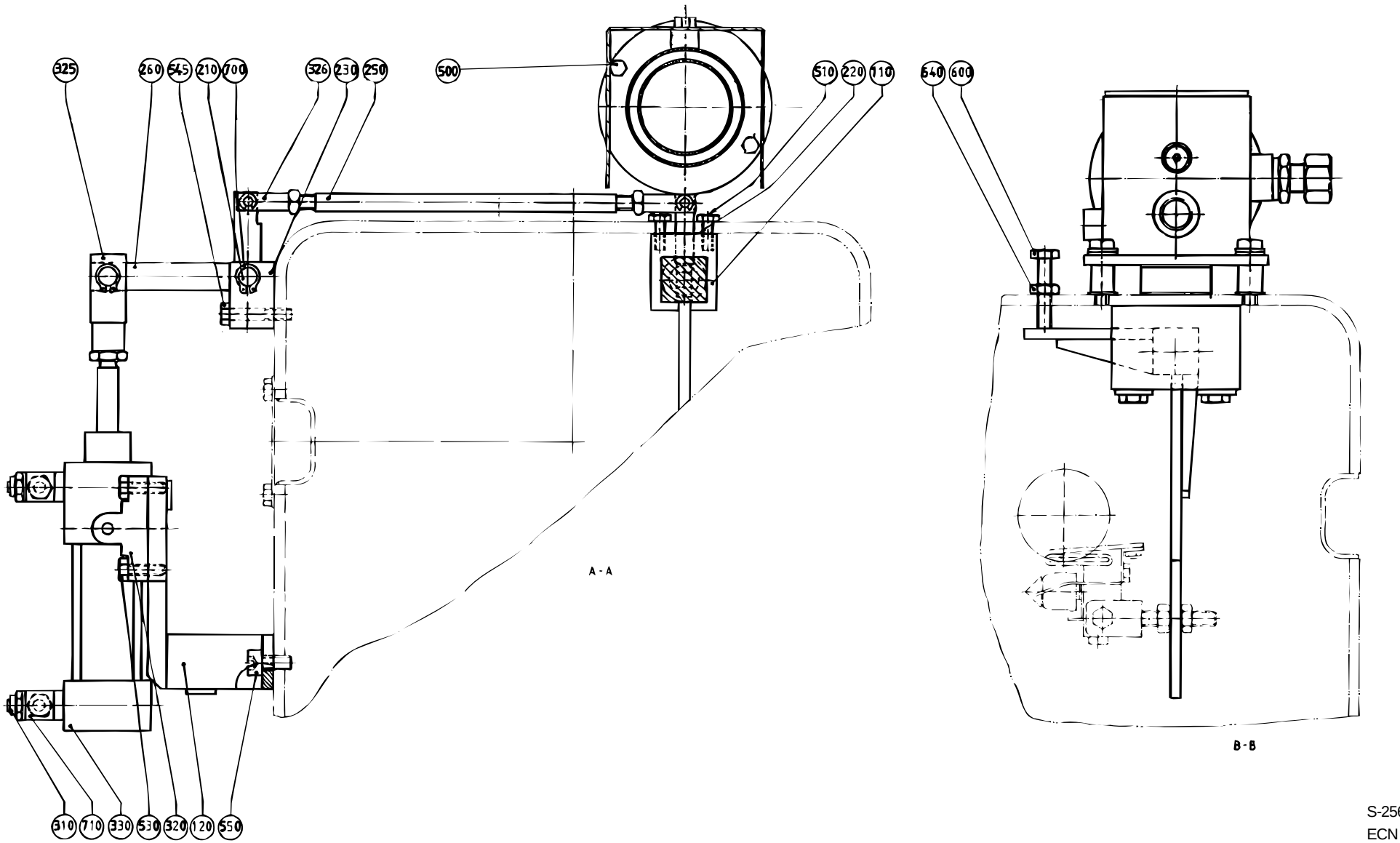
Pos	Part No	SP	UN	Qty	Description	Page No



S-256055-6
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	491169-0000	-		1	PIVOT ARM	
020	752174-0000	-		1	HEATING PIPE	
050	1260743-0000	-		1	HEAT GUARD	
060	441804-0000	M		1	COIL HEATER	
100	491170-0000	-		1	COVER	
110	491171-0000	-		1	BEARING BLOCK	
120	978736-0000	-		1	BRACKET	
130	271269-0000	N		2	BUSHING	
140	272286-0000	-		1	AXLE SUPPORT	
150	751019-0000	M		8	WASHER	
160	273429-0000	M		2	WASHER	
170	751020-0000	M		2	GASKET	
180	295909-0000	N		1	BUSHING	
190	751023-0000	M		2	GASKET	
210	491931-0000	D		1	SHAFT	
220	491172-0000	R		1	GASKET	
230	491173-0000	-		1	BRACKET	
240	491174-0000	K		1	ARM	
250	491175-0000	D		1	LINK	
260	491177-0000	-		1	ARM	
290	491487-0000	M		1	BUSHING	
300	90030-0187	-		1	STRAIGHT CONNECTION GA-12-G3/8"	
310	90235-0274	-		2	THROTTLE CHECK VALVES,G1/8"	
320	90239-0460	-		1	BRACKET	
325	90239-0516	-		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
326	90239-0532	-		2	ROD END,CLEVIS WITH AXLE,M8	
330	B 90239-0779	R		1	CYLINDER	
340	90326-0012	J		2	PROTECTIVE COVER	
350	90326-0017	J		1	GLAND 1/8".REPL.BY 90326-306	
360	90326-0020	J		2	PLUG,FEMALE YELLOW CR-AL	
370	B 90326-0048	J		1	THERMOELEMENT	
380	90326-0304	J		1	LEAD IN	
390	90326-0057	J		1	THERMOCOUPLE CR-AL	
500	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A280	
505	312105-0362	-		2	SCREW M6S ISO 4017 M6x8 A280	
510	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
530	312105-0370	-		10	SCREW M6S ISO 4017 M6x20 A280	
540	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
545	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
550	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8x30 A280	
580	312105-0462	-		2	SCREW M6S ISO 4014 M8x55 A280	
600	312109-0457	-		1	SCREW M6S ISO 4017 M8X35 A280	
620	312125-0226	-		3	SLOTTED CHEESE HEAD ISO 1207 M3X12 RFR	
630	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
640	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
650	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
660	315125-0153	-		1	WASHERS,PLAIN ROUND,CHAMFERED 6,4X22X4	
670	315125-0165	-		2	WASHERS,PLAIN ROUND,CHAMFERED 8,4X26X5	
700	90141-0016	-		2	RETAINING RING FOR SHAFT 10	
710	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
720	352100-0106	-		1	CABLE GLANR.18,6-10,5	
730	353101-0132	-		1	CABLE SHOE	

HOT AIR ELEMENT



S-256055-7
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
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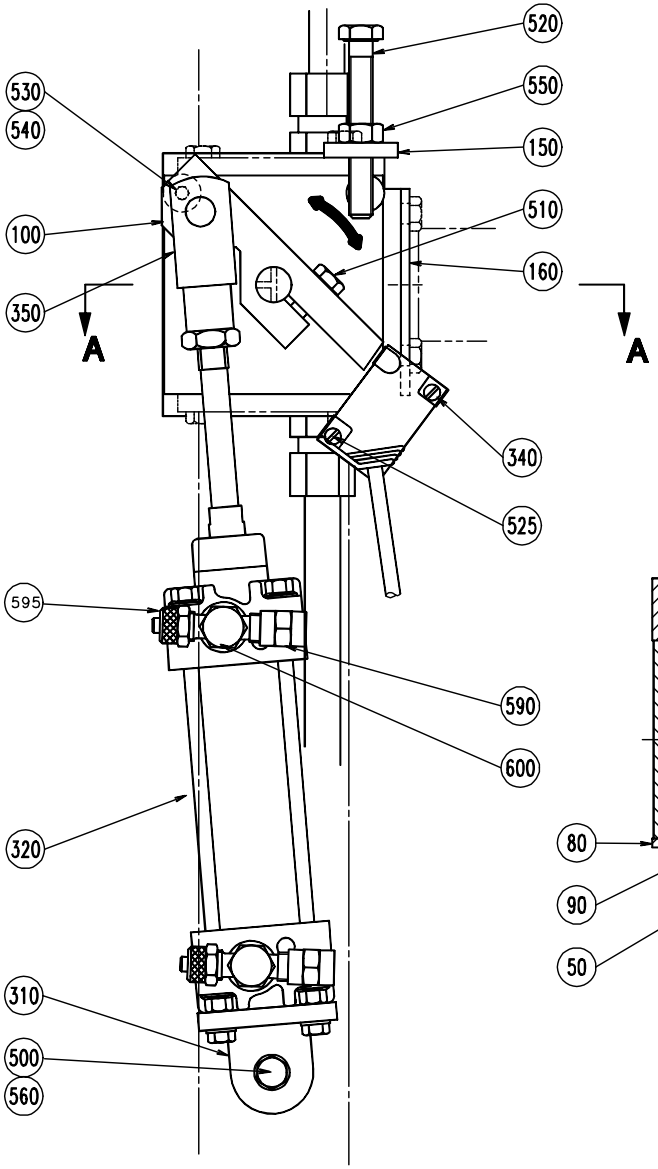
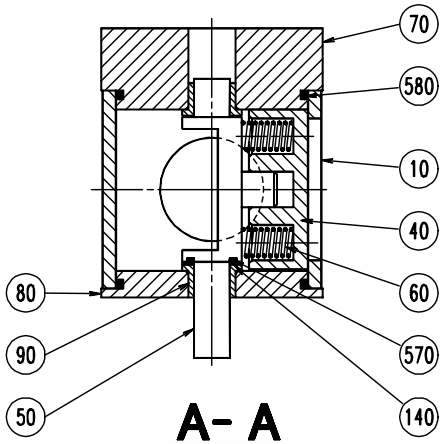
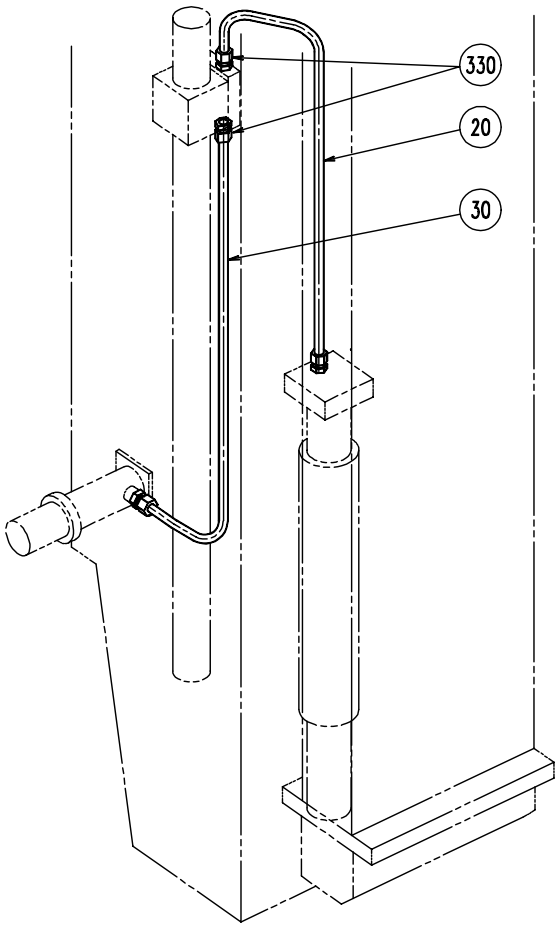
010	491169-0000	-		1	PIVOT ARM	
020	752174-0000	-		1	HEATING PIPE	
050	1260743-0000	-		1	HEAT GUARD	
060	441804-0000	M		1	COIL HEATER	
100	491170-0000	-		1	COVER	
110	491171-0000	-		1	BEARING BLOCK	
120	978736-0000	-		1	BRACKET	
130	271269-0000	N		2	BUSHING	
140	272286-0000	-		1	AXLE SUPPORT	
150	751019-0000	M		8	WASHER	
160	273429-0000	M		2	WASHER	
170	751020-0000	M		2	GASKET	
180	295909-0000	N		1	BUSHING	
190	751023-0000	M		2	GASKET	
210	491931-0000	D		1	SHAFT	
220	491172-0000	R		1	GASKET	
230	491173-0000	-		1	BRACKET	
240	491174-0000	K		1	ARM	
250	491175-0000	D		1	LINK	
260	491177-0000	-		1	ARM	
290	491487-0000	M		1	BUSHING	
300	90030-0187	-		1	STRAIGHT CONNECTION GA-12-G3/8"	
310	90235-0274	-		2	THROTTLE CHECK VALVES,G1/8"	
320	90239-0460	-		1	BRACKET	
325	90239-0516	-		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
326	90239-0532	-		2	ROD END,CLEVIS WITH AXLE,M8	
330	B 90239-0779	R		1	CYLINDER	
340	90326-0012	J		2	PROTECTIVE COVER	
350	90326-0017	J		1	GLAND 1/8".REPL.BY 90326-306	
360	90326-0020	J		2	PLUG,FEMALE YELLOW CR-AL	
370	B 90326-0048	J		1	THERMOELEMENT	
380	90326-0304	J		1	LEAD IN	
390	90326-0057	J		1	THERMOCOUPLE CR-AL	
500	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A280	
505	312105-0362	-		2	SCREW M6S ISO 4017 M6x8 A280	
510	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
530	312105-0370	-		10	SCREW M6S ISO 4017 M6x20 A280	
540	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
545	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
550	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8x30 A280	
580	312105-0462	-		2	SCREW M6S ISO 4014 M8x55 A280	
600	312109-0457	-		1	SCREW M6S ISO 4017 M8X35 A280	
620	312125-0226	-		3	SLOTTED CHEESE HEAD ISO 1207 M3X12 RFR	
630	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
640	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
650	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
660	315125-0153	-		1	WASHERS,PLAIN ROUND,CHAMFERED 6,4X22X4	
670	315125-0165	-		2	WASHERS,PLAIN ROUND,CHAMFERED 8,4X26X5	
700	90141-0016	-		2	RETAINING RING FOR SHAFT 10	
710	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
720	352100-0106	-		1	CABLE GLANR.18,6-10,5	
730	353101-0132	-		1	CABLE SHOE	

CHANGE-OVER VALVE

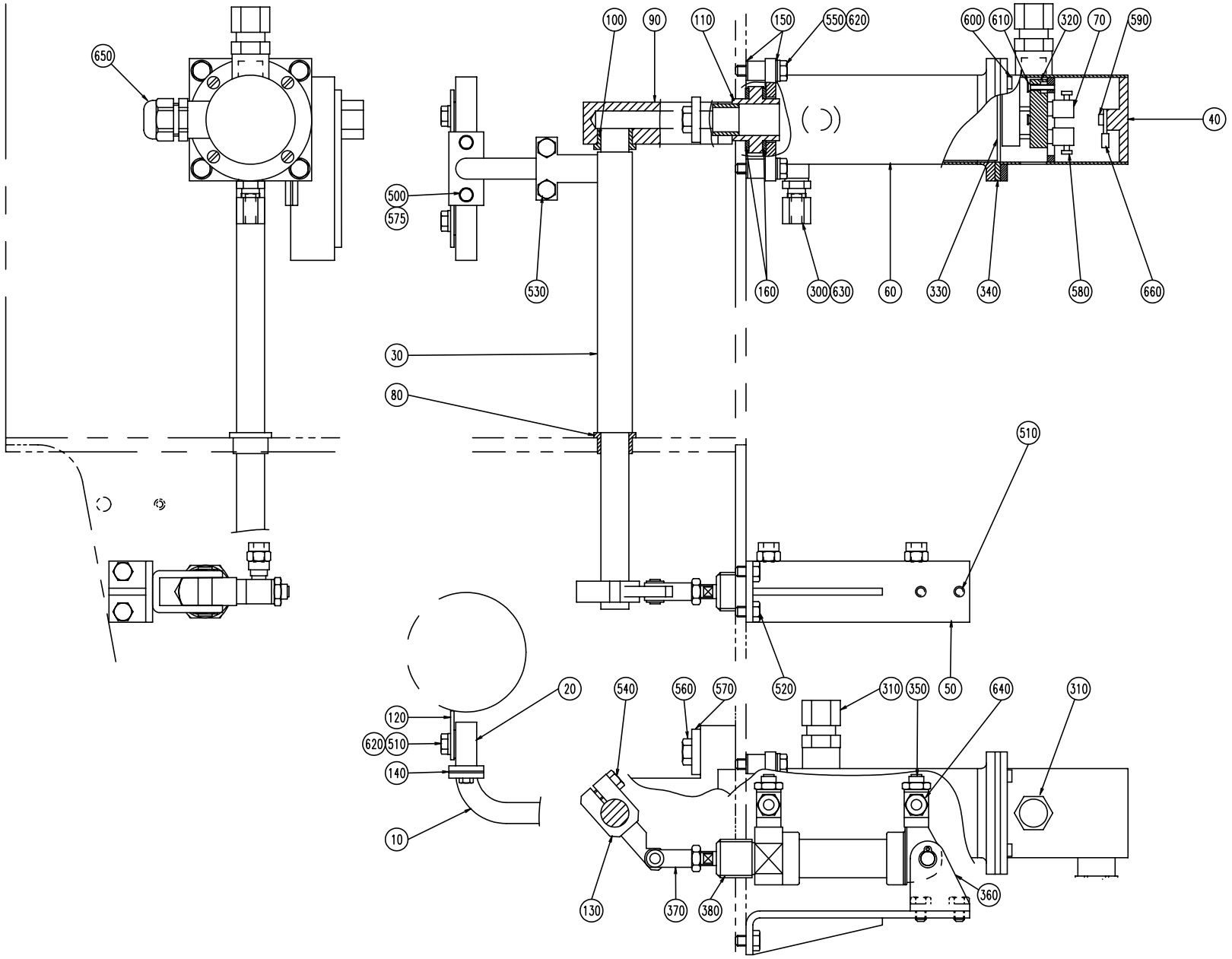






Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	B 255870-0000	D		1	VALVE HOUSING	
020	578032-0000	-		1	PIPE	
030	578033-0000	-		1	PIPE	
040	979722-0000	M		1	BLOCK	
050	751732-0000	D		1	BRACKET	
060	21521-0000	K		2	COMPRESSION SPRING	
070	751731-0000	D		1	BEARING COVER	
080	441957-0000	D		1	BEARING COVER	
090	255875-0000	J		2	BUSHING	
100	751760-0000	D		1	CYLINDER BRACKET	
140	266737-0000	-		1	WASHER	
150	751740-0000	-		1	STOP	
160	578038-0000	-		1	BRACKET	
310	90239-0453	-		1	BRACKET	
320	B 90239-0779	R		1	CYLINDER	
330	90030-0187	-		3	STRAIGHT CONNECTION GA-12-G3/8"	
340	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
350	90239-0516	-		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
500	312105-0366	-		1	SCREW M6S ISO 4017 M6x12 A280	
510	312105-0370	-		1	SCREW M6S ISO 4017 M6x20 A280	
520	312109-0463	-		1	SCREW M6S 8x60H A4 80	
525	312125-0228	-		2	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
530	312155-0364	-		4	SCREW MF6S6X10RFR	
540	312155-0374	-		4	SCREW MF6S6X30RFR	
550	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
560	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	315204-0110	-		1	O-RINGS 12,1X1,6	
580	315204-0302	K		2	O-RINGS 54,5X3	
590	342797-0121	R		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
595	342980-0113	R		2	BANJO-CONNECTION,RING 6/4-G1/8"	
600	342980-0313	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/8"	

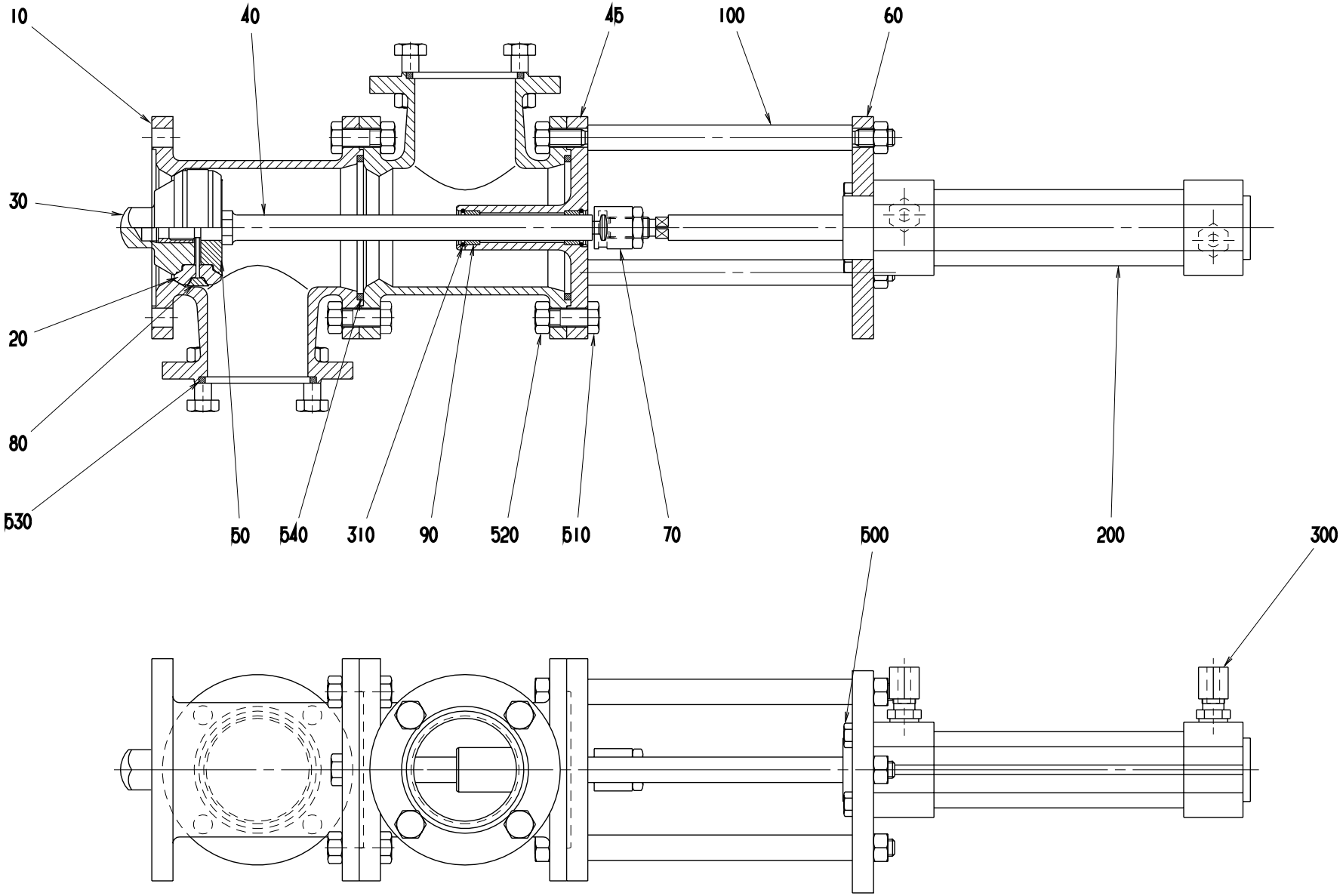
Pos	Part No	SP	UN	Qty	Description	Page No



S-256095-3
ECN 70430

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	256689-0000	N		1	AIR NOZZLE	
030	272948-0003	-		1	SHAFT	
040	491223-0000	D		1	COVER	
050	491224-0000	-		1	BRACKET	
060	751733-0000	D		1	HEATING PIPE	
070	266739-0000	G		3	CABLE GLAND	
080	271269-0000	M		1	BUSHING	
090	272287-0000	-		1	AXLE SUPPORT	
100	295910-0000	M		1	BUSHING	
110	295936-0000	M		1	BUSHING	
120	491097-0000	M		1	HEAT GUARD	
130	491545-0000	D		1	BRACKET	
140	751015-0000	J		1	GASKET	
150	751018-0000	M		8	WASHER	
160	751023-0000	I		2	GASKET	
300	90030-0184	M		1	STRAIGHT CONNECTION GA-6-G1/8"	
310	90030-0187	M		2	STRAIGHT CONNECTION GA-12-G3/8"	
320	B 90125-0020	-		1	PLATE	
330	90206-0031	J		1	HEATING ELEMENT 700+1200W,220V	
340	90206-0322	J		1	GASKET	
350	90235-0274	M		2	THROTTLE CHECK VALVES,G1/8"	
360	90239-0487	-		1	BRACKET,REAR,CLEVIS FLANG,MINI-ISO,20-25	
370	90239-0532	M		1	ROD END,CLEVIS WITH AXLE,M8	
380	90239-0847	-		1	DOUBLE ACTING,MINI-ISO,CYL.20-50	
500	312105-0287	-		2	SCREW M6S ISO 4017 M4x8 A280	
510	312105-0364	-		4	SCREW M6S 6x10 A280	
520	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
530	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
540	312105-0370	-		1	SCREW M6S ISO 4017 M6x20 A280	
550	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
560	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
570	315125-0165	-		2	WASHERS,PLAIN ROUND,CHAMFERED 8,4X26X5	
575	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
580	312125-0220	-		3	SLOTTED HEMCS3X6RFR	
590	312125-0285	-		1	SLOTTED HEAD SCREW MCS 4X6 RFR	
600	312125-0291	-		4	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
610	312145-0228	-		3	SLOTTED HEMFS3X16RFR	
620	315105-0153	-		6	WASHER,PLAIN ROUND 6,4x12 Stainless	
630	315234-0109	M		1	PLAIN ROUND,COPPER R1/8",M10	
640	342797-0121	M		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
650	352103-0106	-		1	CABLE GLAND ST 11	
660	353104-0130	M		1	CABLE SHOEYAV 025 M 4*	

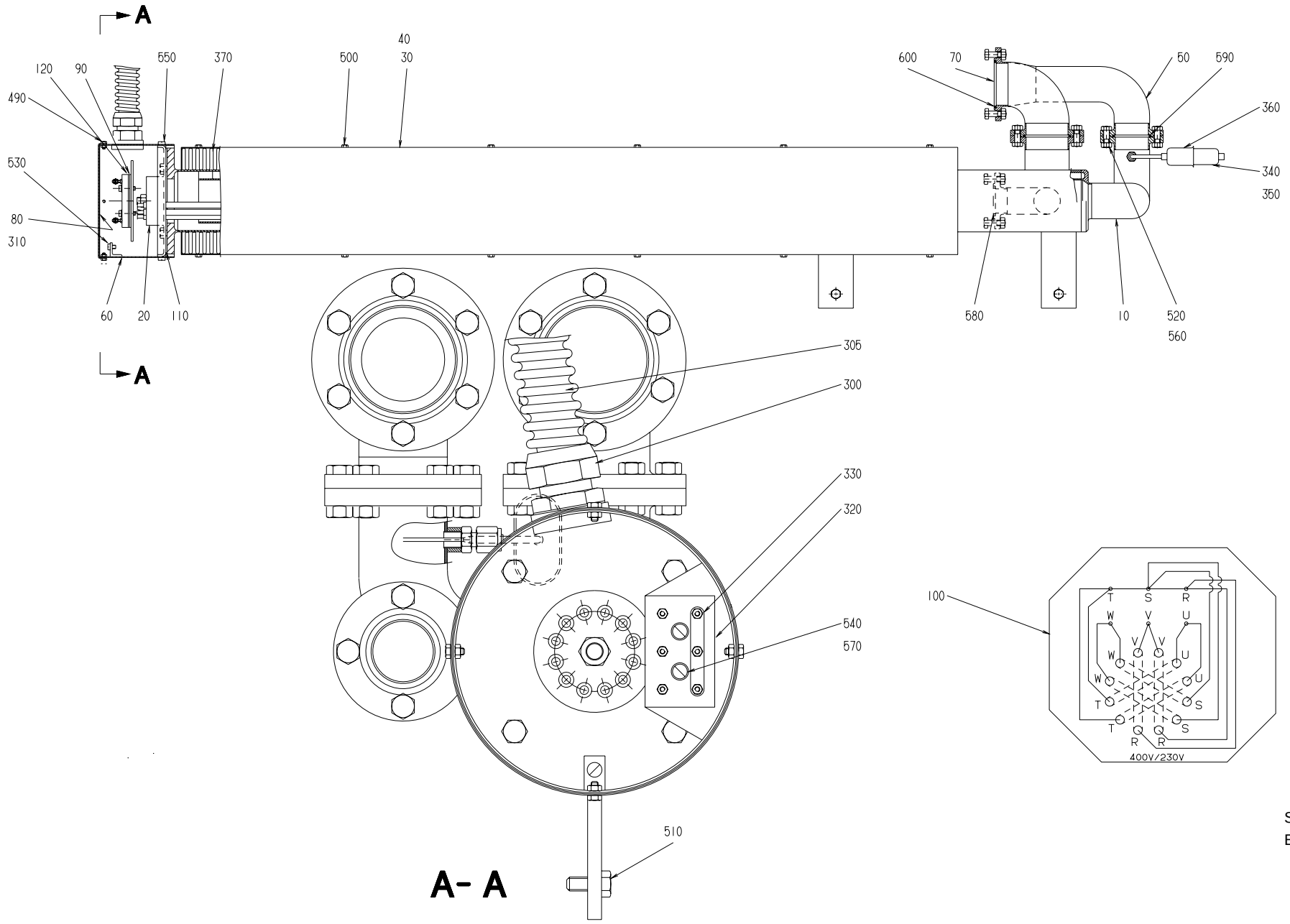
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
010	571533-0000	D		1	BRACKET	
TBA 0160S or TBA 0200M or TBA 0200S or TBA 0250S						
010	571532-0000	D		1	BRACKET	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	**256112-0000**	**D**		**1**	**BRACKET**	



S-271169-5
ECN 21313

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036194-0000	-		2	T-PIPE	
020	530589-0000	F		2	SEAL RING	
030	530590-0000	M		1	VALVE CONE	
040	1036188-0000	D		1	SHAFT	
045	1036189-0000	D		1	SPINDLE GUIDE	
050	1036191-0000	D		1	SEAL HOLDER	
060	1036193-0000	-		1	CYLINDER BRACKET	
070	441871-0000	M		1	PENDULUM SUSPENSION	
080	530599-0000	M		1	RING	
090	532349-0000	J		2	PLAIN BEARING	
100	1036192-0000	-		3	SPACER ROD	
200	90450-0281	R		1	CYLINDER	
300	90030-0184	M		2	STRAIGHT CONNECTION GA-6-G1/8"	
310	90141-0022	J		2	RING	
500	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
510	312105-0453	-		17	SCREW M6S ISO 4017 M8x25 A280	
520	312605-0318	-		23	NUT,HEXAGON,M8 RFR	
530	315229-0205	I		2	GASKET	
540	315229-0206	I		2	GASKET	

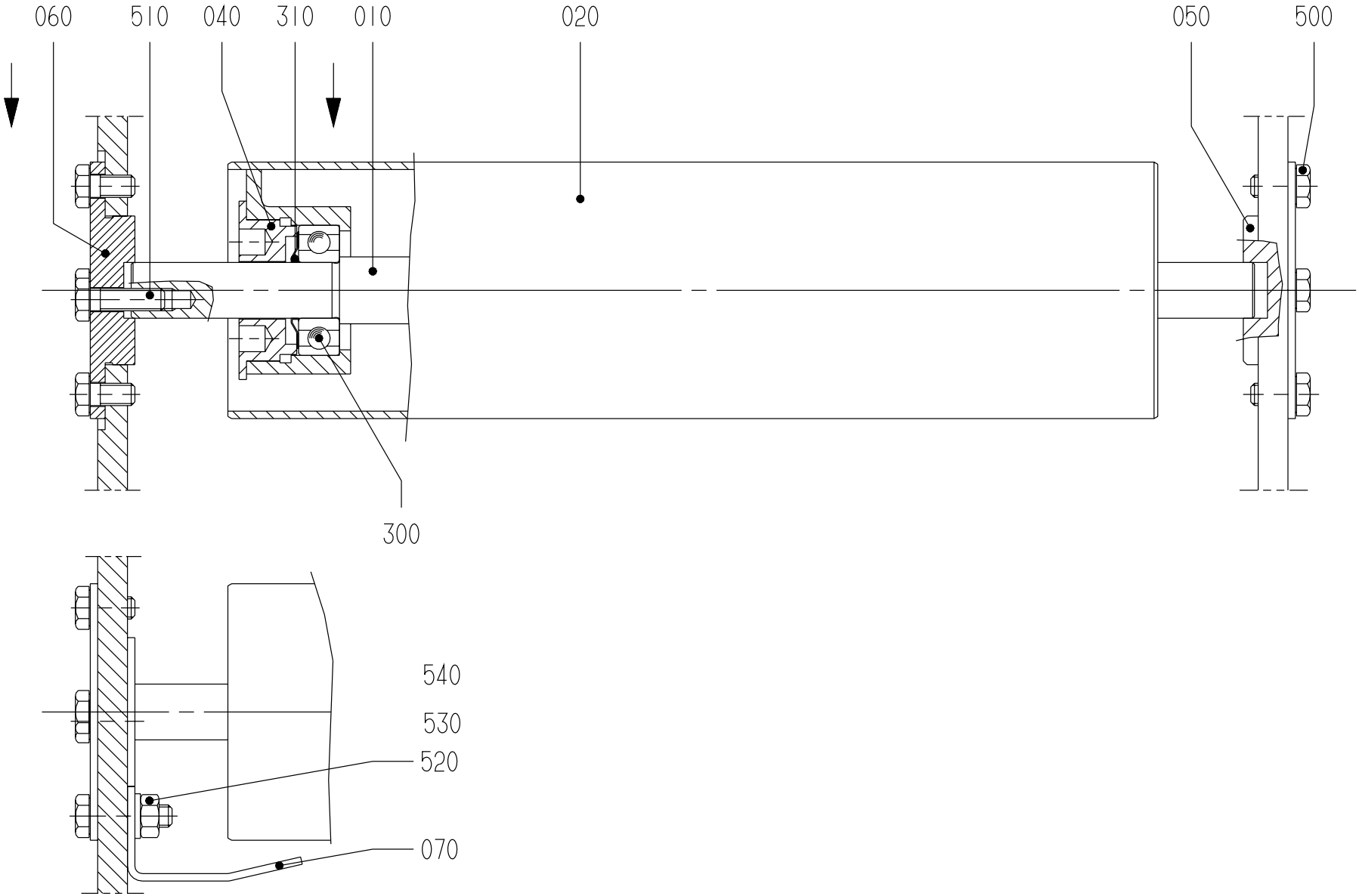
Pos	Part No	SP	UN	Qty	Description	Page No



S-271181-5
ECN 20672

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978839-0000	-		1	HEATING PIPE	
020	B 449939-0001	M		1	HEATING ELEMENT 15KW	
030	978982-0000	-		1	DISCHARGE TRAY	
040	978983-0000	-		1	DISCHARGE TRAY	
060	B 451430-0000	-		1	CONNECTION HOUS.(MINOR)	
070	979047-0000	-		1	PIPE	
080	29876-0000	-		1	COVER	
090	30298-0000	K		1	INSULATION	
100	491305-0000	-		1	CONN.DIAGRAM AIR SUPERH.	
110	531731-0000	M		1	GASKET	
120	751009-0000	K		1	INSULATION	
300	90012-0126	M		1	GLAND FITTING	
305	90152-0070	M	MM	1700	GLANDS,HOSE 32,5X26	
310	90153-0020	-	ML	x	ADHESIVE BOSTIK 1782 125ml	
320	90195-0028	K		1	TERM.BLOCK 6-POLE STEATIT	
330	90195-0029	K		3	CONN. LINK NO324 FOR -28	
340	90326-0012	M		1	PROTECTIVE COVER	
350	90326-0020	M		1	PLUG,FEMALE YELLOW CR-AL	
360	90326-0051	M		1	THERMO COUPLE	
370	90411-0005	K	MM	1100	INSULATOR	
490	312105-0287	-		4	SCREW M6S ISO 4017 M4x8 A280	
500	312105-0325	-		12	SCREW M6S 5x10 A2 80	
510	312105-0451	-		2	SCREW M6S ISO 4017 8x20 A280	
520	312105-0453	-		30	SCREW M6S ISO 4017 M8x25 A280	
530	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
540	312125-0331	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X20 RFR	
550	312125-0366	-		4	SLOTTED CHEESE HEAD ISO 1207 M6X12 RFR	
560	312605-0318	-		26	NUT,HEXAGON,M8 RFR	
570	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
580	315229-0204	I		1	GASKET	
590	315229-0205	I		1	GASKET	
600	315229-0206	I		3	GASKET	
NOHI						
050	979030-0000	-		1	PIPE	

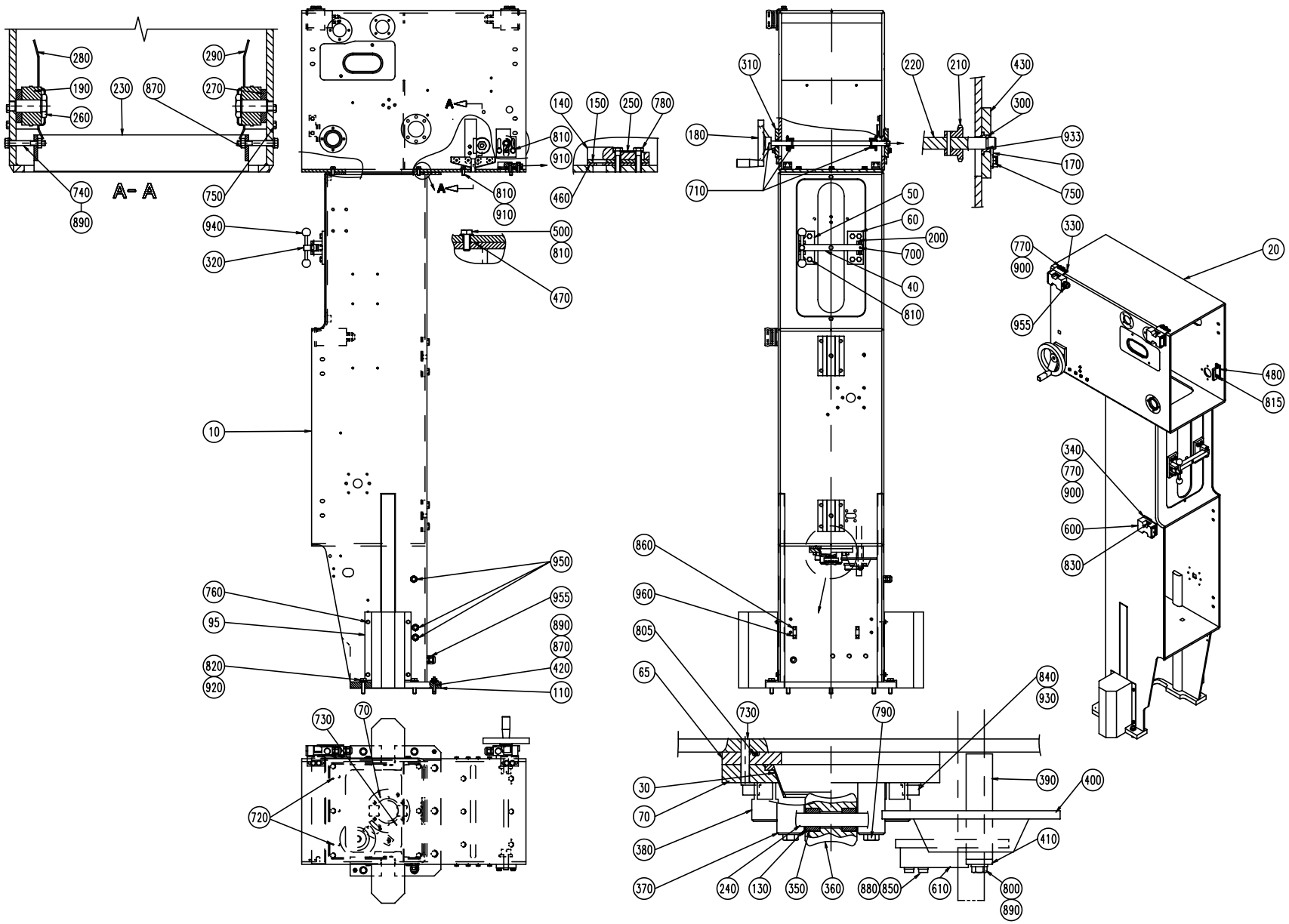
Pos	Part No	SP	UN	Qty	Description	Page No


060
510
040
310
010
020
050
500
300
540
530
520
070

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	491392-0000	D		1	SHAFT	
020	272005-0000	D		1	BENDING ROLLER	
040	247170-0000	R		2	BEARING COVER	
050	491393-0000	D		1	AXLE SUPPORT	
060	272018-0000	D		1	AXLE SUPPORT	
300	90214-0098	G		2	BALL BEARING,STAINLESS	
310	90214-0303	G		2	SEALING RING 18,6X35X2	
320	90296-0091	G		x	LUBRICATION GREASE	
500	312105-0366	-		7	SCREW M6S ISO 4017 M6x12 A280	
510	312105-0370	-		1	SCREW M6S ISO 4017 M6x20 A280	
520	312105-0371	-		1	SCREW M6S6X22RFR	
530	312605-0316	-		1	NUT,HEXAGON A280 M6M6	
540	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
TBA 0100B or TBA 0125S						
070	752859-0000	-		1	POINTER	
TBA 0160S or TBA 0200S						
070	752858-0000	-		1	POINTER	
TBA 0200M or TBA 0250S						
070	574415-0000	-		1	INDICATOR 250S	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
070	752857-0000	-		1	POINTER	

Pos	Part No	SP	UN	Qty	Description	Page No

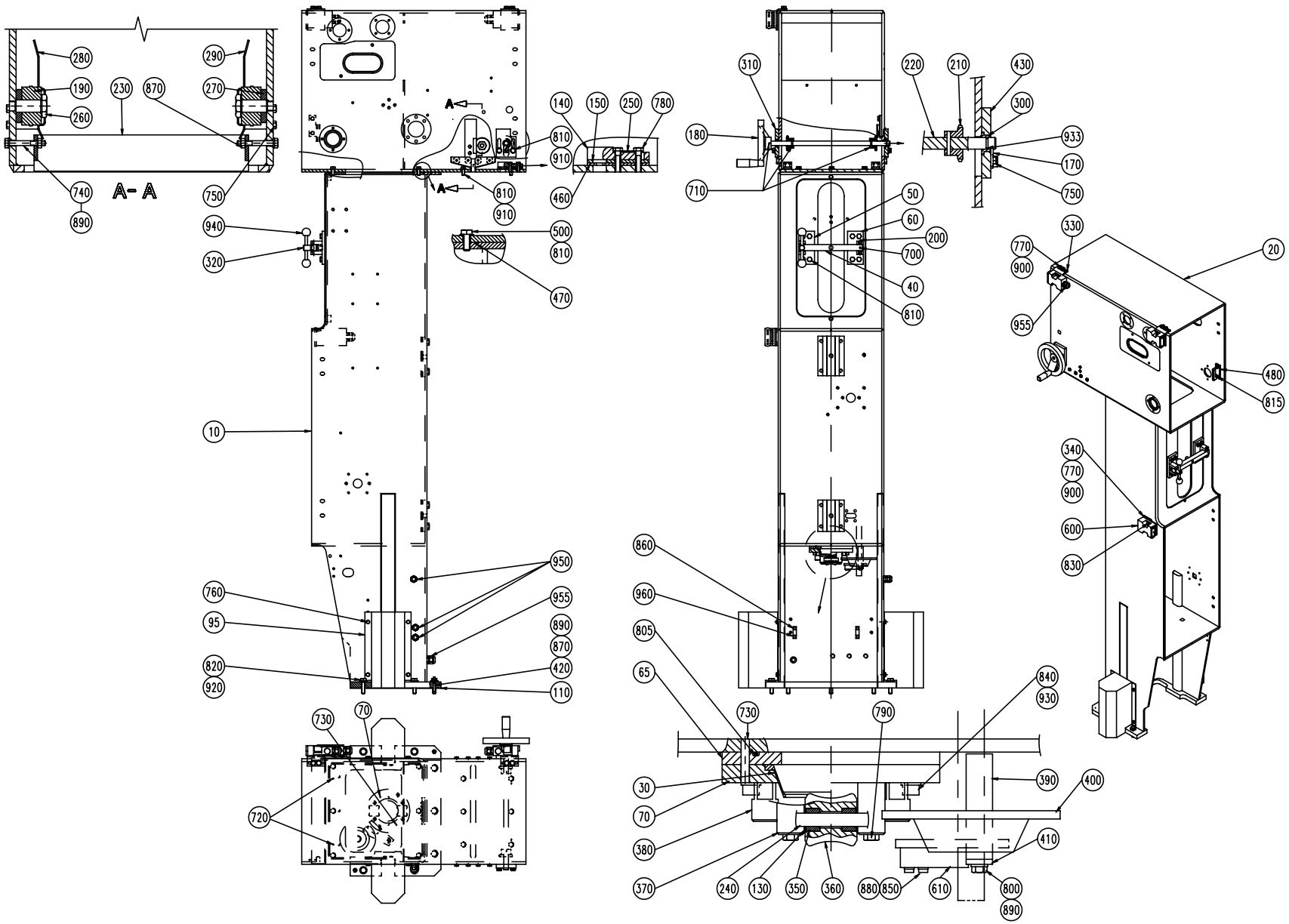
ASEPTIC CHAMBER



S-272021-18
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	978864-0000	-		1	PILLAR	
020	978865-0000	-		1	HOUSE	
040	295426-0000	-		1	CAP	
050	295427-0000	-		1	LOCK	
060	295428-0000	-		1	HINGE	
095	490964-0000	D		2	COVER	
110	469092-0000	-		1	SHIM	
130	2033-0007	-		8	WASHER	
140	247349-0000	M		2	STEERING	
150	491602-0000	D		2	GASKET HOLDER	
170	978872-0000	-		1	LOCK WASHER	
180	247358-0000	-		1	SHIFTER HANDLE	
190	255986-0000	D		2	WHEEL	
200	256163-0000	D		1	SHAFT	
210	247357-0000	D		2	SPROCKET	
220	751131-0000	D		1	SHAFT	
230	256170-0000	-		2	DRIP PLATE	
250	267033-0000	-		2	WASHER	
260	271863-0000	-		2	SHAFT	
270	271864-0000	-		2	WASHER	
280	272002-0000	-		1	PROTECTIVE COVER LEFT	
290	272003-0000	-		1	PROTECTIVE COVER RIGHT	
300	279008-0000	M		2	BUSHING	
310	978870-0000	-		1	BEARING PLATE	
320	295429-0000	D		1	HANDLE	
330	978532-0000	-		2	BRACKET	
340	978531-0000	-		1	BRACKET	
390	979962-0000	-		1	ARM	
400	751730-0000	D		1	LOCKING CIRCLIP	
410	979961-0000	D		1	PIVOT PIN	
420	B 469159-0000	D		2	PIN	
430	978871-0000	-		1	BEARING PLATE	
460	491128-0000	M		2	GASKET	
470	491418-0002	D		1	O-RING	
480	751684-0000	-		1	STOP LUG	
500	28036-0000	-		6	WASHER	
600	B 90044-0103	M		3	KEY SAFETY SWITCH AZ 15 ZVR	
610	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
700	311103-0272	-		1	PIN,STRAIGHT M6 4x20	
710	311103-0276	-		3	PIN,STRAIGHT 4x30	
720	311103-0308	-		2	PINS,STRAIGHT 5X16	
740	312105-0379	-		8	SCREW M6S ISO 4014 M6x45 A280	
750	312105-0327	-		5	SCREW M6S ISO 4017 M5X12 A280	
760	312105-0362	-		8	SCREW M6S ISO 4017 M6x8 A280	
770	312105-0368	-		6	SCREW M6S ISO 4017 M6x16 A280	
780	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
790	312105-0378	-		4	SCREW ISO 4017 M6x40 A280	
800	312105-0386	-		1	SCREW M6S ISO 4014 M6x80 A280	
810	312105-0451	-		24	SCREW M6S ISO 4017 8x20 A280	
815	312105-0453	-		2	SCREW M6S ISO 4017 M8x25 A280	
820	312105-0499	-		7	SCREW 4017 M10X40A280	
830	312115-0329	-		6	SCREW MC6S ISO 4762 M5x16 A280	
850	312125-0230	-		2	SLOTTED CHEESE HEAD ISO 1207 M3X20 RFR	
860	312125-0287	-		4	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
870	312605-0316	-		10	NUT,HEXAGON A280 M6M6	
880	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
890	315105-0153	-		19	WASHER,PLAIN ROUND 6,4x12 Stainless	
900	315115-0153	-		6	WASHER TBRB 6,4x12 Stainless	
910	315115-0165	-		10	WASHER TBRB 8,4x16 Stainless	
920	315115-0173	-		7	WASHER TBRB 10,5x22 Stainless	
930	315125-0153	-		2	WASHERS,PLAIN ROUND,CHAMFERED 6,4X22X4	
933	315204-0109	I		2	O-RINGS 11,1X1,6	
940	318800-0103	D		2	HANDLES,SPHERICAL KNOB,INT.THRE.,D.25-M6	
950	352103-0101	-		3	CABLE GLAND ST 9;PR15,2/PG9	
955	352103-0105	-		4	CABLE GLAND STR 11;PR 18,6;PG11	
960	352110-0100	-		4	CRAMP TK 5-7 White Polyamid	
TBA 0100B or TBA 0125S						
030	490900-0000	I		1	SEALING RING	
065	571537-0000	-		1	RING	
070	571538-0000	-		1	RING	
240	490903-0000	I		2	SHAFT	
350	751230-0000	I		4	PLAIN BEARING	
360	441876-0000	K		2	ROLL	
370	490902-0000	-		4	AXLE SUPPORT	
380	571540-0000	-		2	PIN	
730	311103-0313	-		2	CYLINDRICACP M6 5X28 RFR	
805	315204-0309	K		1	O-RINGS 89,5X3	
840	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0160S or TBA 0200S						
030	490901-0000	I		1	SEAL	
065	571537-0000	-		1	RING	
070	571539-0000	-		1	RING	
240	490903-0000	I		2	SHAFT	
350	751230-0000	I		4	PLAIN BEARING	
360	456996-0000	K		2	ROLLER	

ASEPTIC CHAMBER

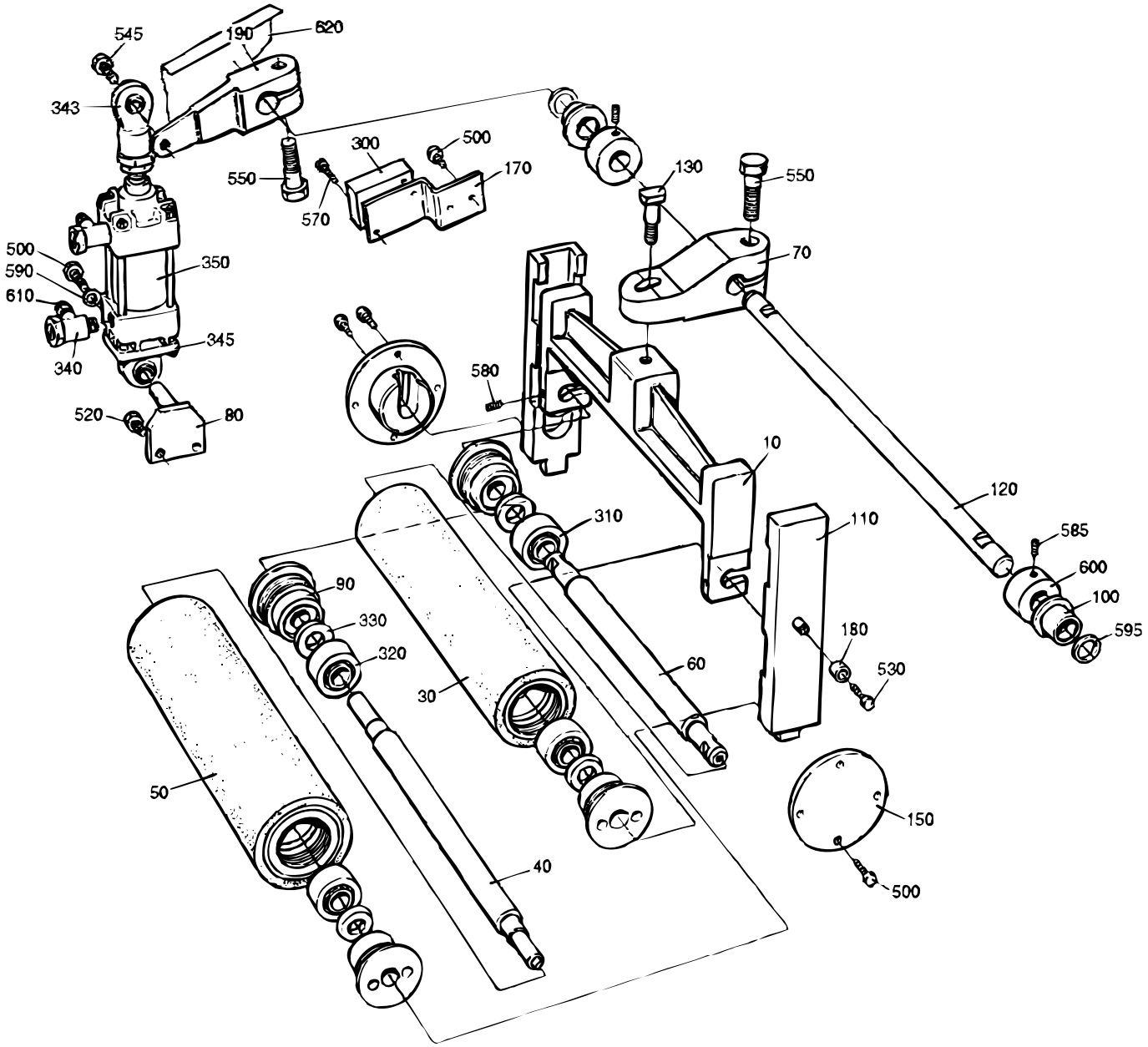


S-272021-18
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
370	490902-0000	-		4	AXLE SUPPORT	
380	571540-0000	-		2	PIN	
730	311103-0313	-		2	CYLINDRICACP M6 5X28 RFR	
805	315204-0309	K		1	O-RINGS 89,5X3	
840	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0200M or TBA 0250S						
030	574336-0000	I		1	SEAL	
065	574334-0000	-		1	RING	
070	574335-0000	-		1	RING	
240	490903-0000	I		2	SHAFT	
350	751230-0000	I		4	PLAIN BEARING	
360	574333-0000	K		2	ROLL	
370	490902-0000	-		4	AXLE SUPPORT	
380	571540-0000	-		2	PIN	
730	311103-0313	-		2	CYLINDRICACP M6 5X28 RFR	
805	315204-0309	K		1	O-RINGS 89,5X3	
840	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
030	273953-0000	I		1	SEAL	
070	456794-0000	-		1	RING	
240	263655-0006	I		2	SHAFT	
360	456796-0000	K		2	ROLLER	
370	456797-0000	-		4	AXLE SUPPORT	
380	752519-0002	-		2	PIN	
730	311103-0310	-		2	PINS,STRAIGHT 5X20	
840	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	

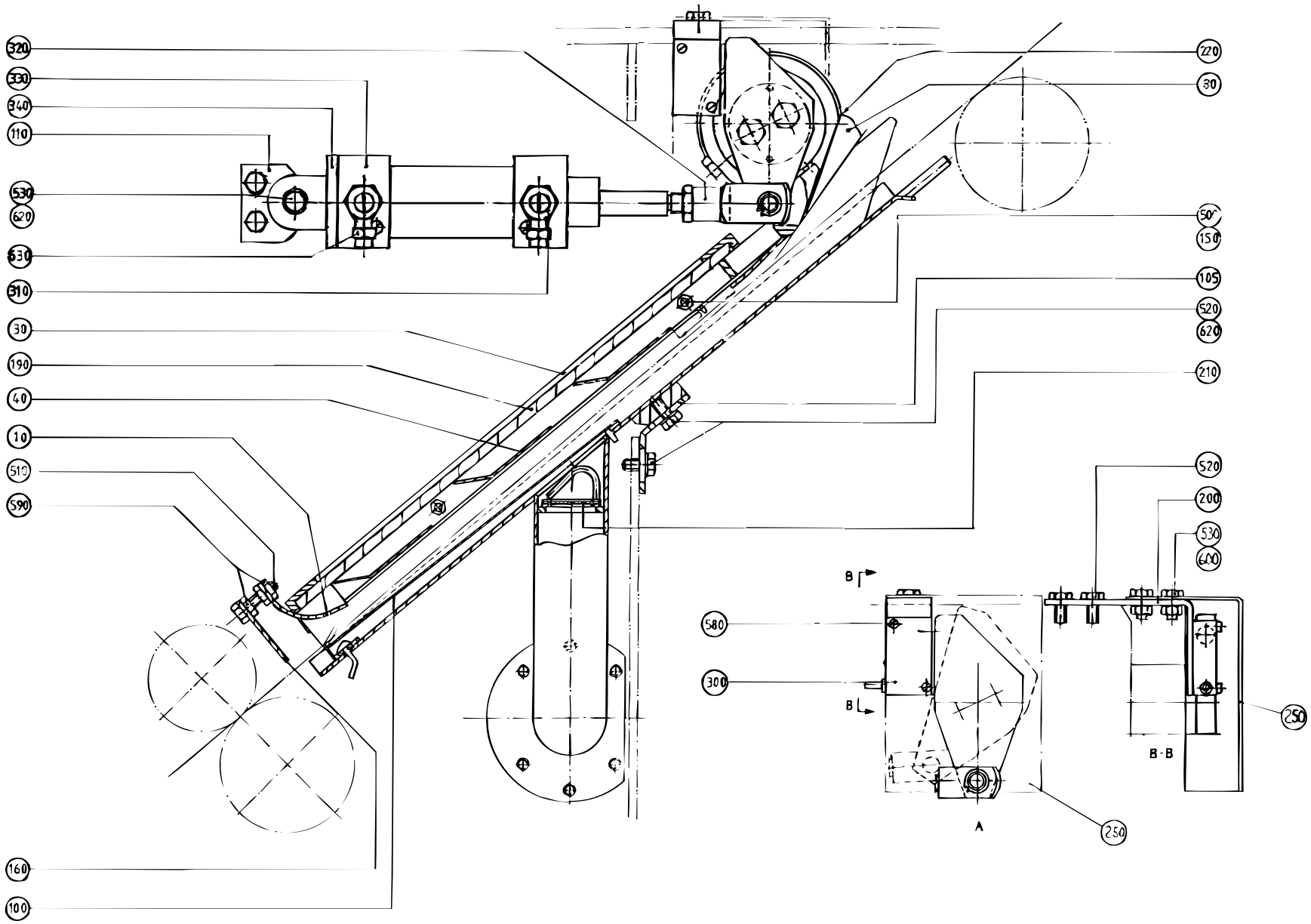
Pos	Part No	SP	UN	Qty	Description	Page No

CALENDER ROLLER



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	272926-0000	D		1	FORK	
030	491396-0000	J		1	CALENDER ROLLER	
040	566695-0000	D		1	SHAFT	
050	491397-0000	J		1	CALENDER ROLLER	
060	271893-0000	D		1	SHAFT	
070	272927-0000	-		1	PRESSURE ARM	
080	441578-0002	-		1	CYLINDER BRACKET	
090	247170-0000	D		4	BEARING COVER	
100	271269-0000	K		2	BUSHING	
110	566696-0000	D		2	GUIDE CONSOLE	
120	751132-0000	D		1	SHAFT	
130	271898-0000	D		1	SCREW	
140	271899-0000	D		4	SCREW	
150	566697-0000	-		2	AXLE SUPPORT	
170	272033-0000	-		1	BRACKET	
180	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
190	441904-0000	-		1	ARM	
300	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
310	90214-0098	G		4	BALL BEARING,STAINLESS	
320	90214-0040	G		4	BALL BEARING,STAINLESS 8X22X7	
330	90214-0303	G		4	SEALING RING 18,6X35X2	
340	90235-0274	M		2	THROTTLE CHECK VALVES,G1/8"	
343	90239-0405	K		1	LINK HEAD	
345	90239-0453	M		1	BRACKET	
350	B 90239-0773	M		1	CYLINDER	
360	90296-0091	G		x	LUBRICATION GREASE	
500	312105-0364	-		11	SCREW M6S 6x10 A280	
520	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
530	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
545	312105-0495	-		1	SCREW M6S ISO 4017 M10X30 A280	
550	312105-0536	-		2	SCREW M6S ISO 4017 M12X30 A280	
555	312605-0320	-		1	NUT,HEXAGON,M10 A280	
570	312125-0228	-		2	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
580	312318-0327	-		2	SET SCREW CUP POINT ISO 4029 M5X12 RFR	
585	312318-0362	-		2	SET SCREW CUP POINT ISO 4029 M6x8 RFR	
590	315105-0153	-		3	WASHER,PLAIN ROUND 6,4x12 Stainless	
595	315204-0111	-		2	O-RINGS 13,1X1,6	
600	315742-0112	-		2	RETAINING RINGS 16	
610	342797-0121	M		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
620	978462-0000	-		1	PROTECTION PLATE	

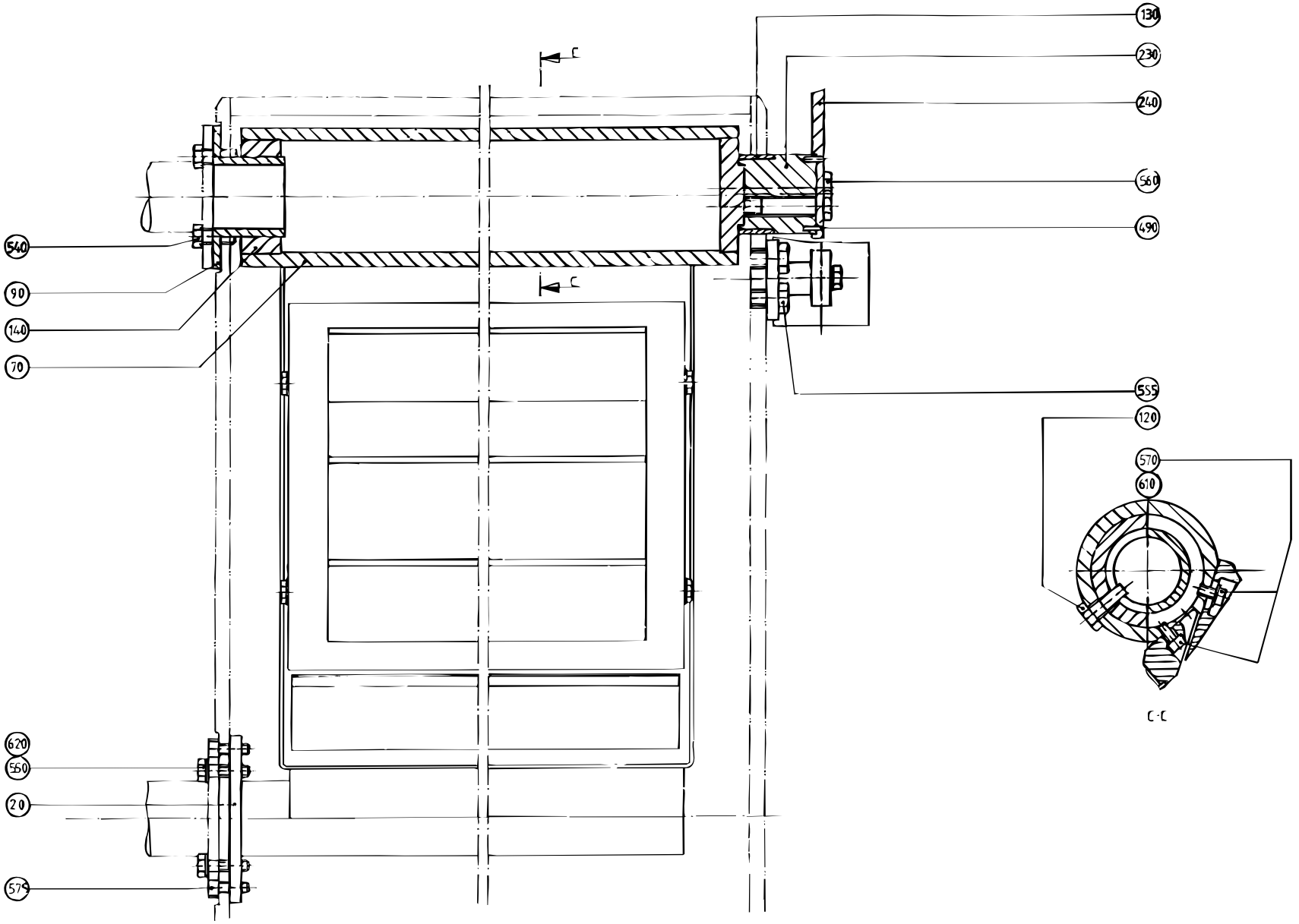
Pos	Part No	SP	UN	Qty	Description	Page No



S-272025-3
ECN 17862

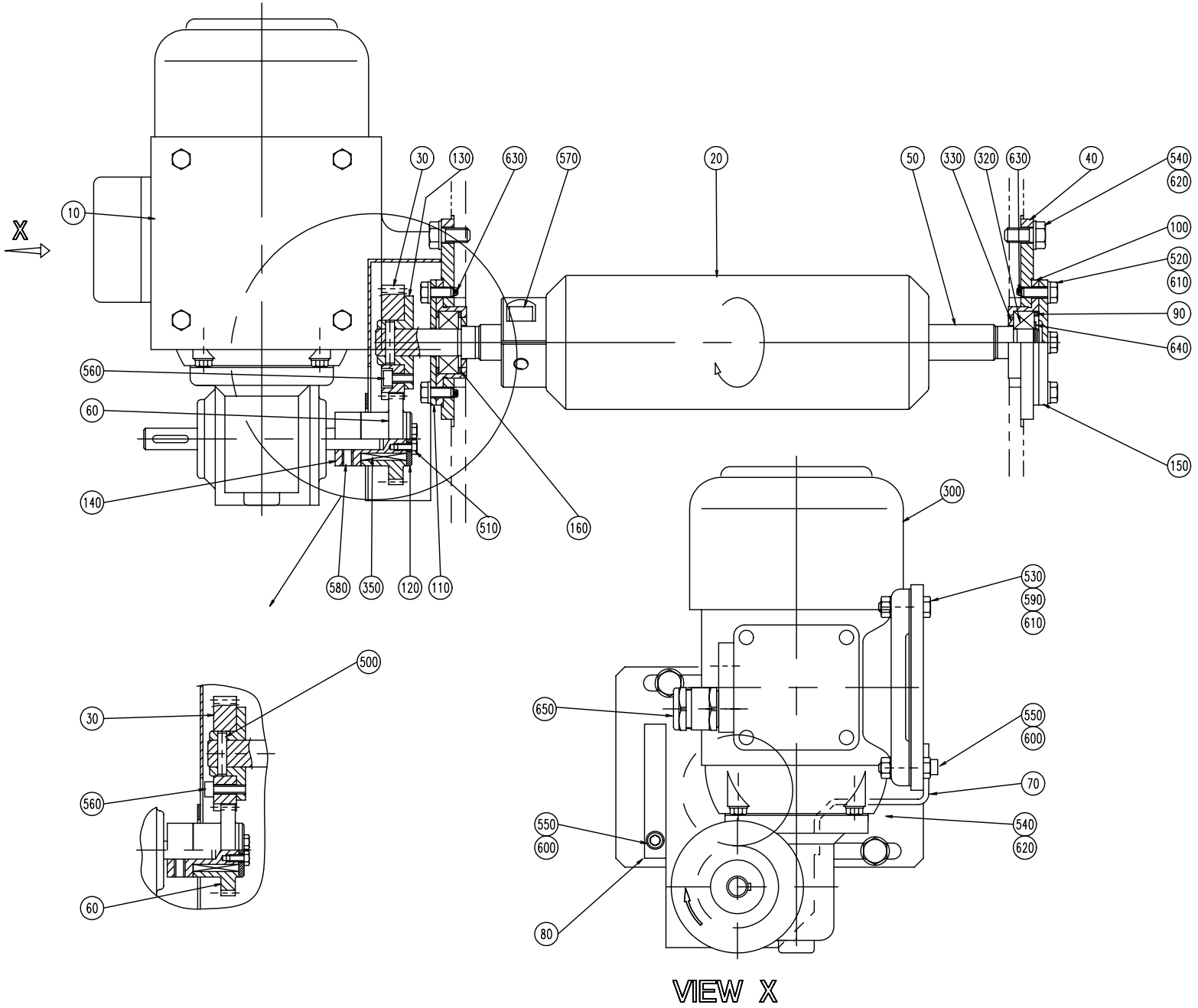
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
090	271858-0000	-		1	FLANGE	
105	272464-0000	-		1	ANGLE BRACKET	
110	441578-0001	D		1	CYLINDER BRACKET	
120	255995-0000	-		1	SCREW	
130	751165-0000	R		1	BUSHING	
140	256022-0000	R		1	BUSHING	
150	263311-0000	D		4	WASHER	
200	490867-0000	-		1	BRACKET	
230	441576-0000	-		1	SPACER	
240	441903-0000	D		1	ARM	
250	978461-0000	-		1	PROTECTION PLATE	
300	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
310	90235-0274	M		2	THROTTLE CHECK VALVES,G1/8"	
320	90239-0516	M		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
330	B 90239-0773	M		1	CYLINDER	
340	90239-0453	D		1	BRACKET	
490	311103-0233	-		2	PIN,STRAIGHT 3x10	
500	312105-0293	-		4	SCREW M6S ISO 4017 M4X16 A280	
510	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A280	
520	312105-0364	-		6	SCREW M6S 6x10 A280	
530	312105-0366	-		3	SCREW M6S ISO 4017 M6x12 A280	
540	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
550	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
555	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
560	312105-0464	-		2	SCREW M6S ISO 4014 M8x65 A280	
575	312115-0366	-		2	SCREW MC6S ISO 4762 M6X12 A280	
580	312125-0228	-		2	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
590	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
600	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
610	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
620	315105-0153	-		9	WASHER,PLAIN ROUND 6,4x12 Stainless	
630	342797-0121	M		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
TBA 0100B or TBA 0125S						
010	271824-0000	-		1	AIR KNIFE, MOVABLE	
020	271825-0000	-		1	FIXED AIR KNIFE	
030	271941-0001	-		1	FRAME	
040	271942-0001	-		1	AIR GUIDE	
070	272026-0001	-		1	AIR DISTRIBUTOR	
080	271820-0001	-		1	STEERING RAIL	
100	272140-0001	D		1	HEAD PLATE	
160	271827-0001	-		1	HEAD PLATE	
190	272027-0001	D		1	GLASS PANE	
210	272141-0001	-		1	FILTER	
220	272329-0001	-		2	LACE	
570	312115-0325	-		5	SCREW 5X10 A4 80	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
010	272022-0000	-		1	AIR KNIFE, MOVABLE	
020	272023-0000	-		1	FIXED AIR KNIFE	
030	271941-0002	-		1	FRAME	
040	271942-0002	-		1	AIR GUIDE	
070	272026-0002	-		1	AIR DISTRIBUTOR	
080	271820-0002	-		1	STEERING RAIL	
100	272140-0002	D		1	HEAD PLATE	
160	271827-0002	-		1	HEAD PLATE	
190	272027-0002	D		1	GLASS PANE	
210	272141-0002	-		1	FILTER	
220	272329-0002	-		3	LACE	
570	312115-0325	-		7	SCREW 5X10 A4 80	

AIR KNIFE



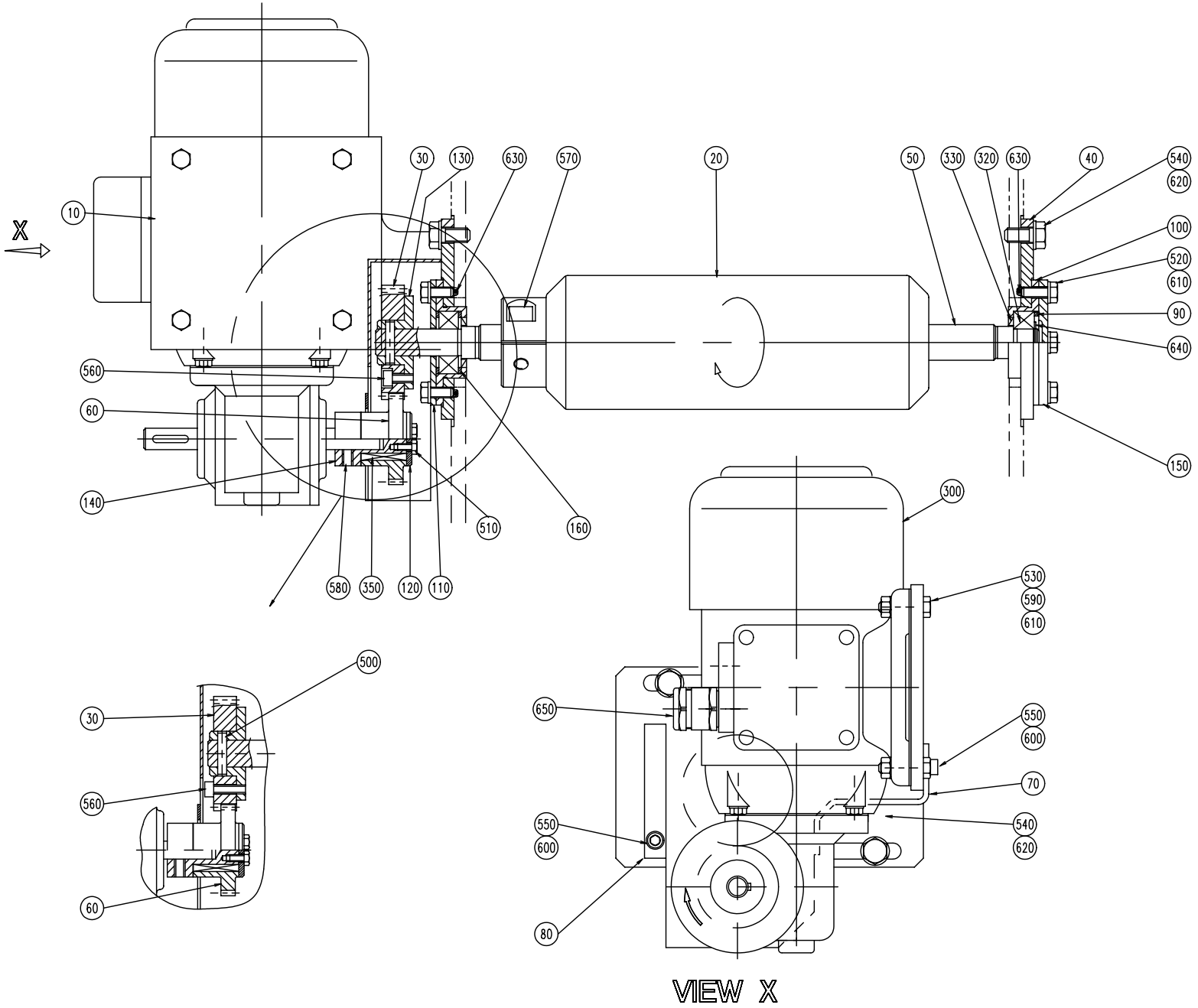
S-272025-4
ECN 17862

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
090	271858-0000	-		1	FLANGE	
105	272464-0000	-		1	ANGLE BRACKET	
110	441578-0001	D		1	CYLINDER BRACKET	
120	255995-0000	-		1	SCREW	
130	751165-0000	R		1	BUSHING	
140	256022-0000	R		1	BUSHING	
150	263311-0000	D		4	WASHER	
200	490867-0000	-		1	BRACKET	
230	441576-0000	-		1	SPACER	
240	441903-0000	D		1	ARM	
250	978461-0000	-		1	PROTECTION PLATE	
300	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
310	90235-0274	M		2	THROTTLE CHECK VALVES,G1/8"	
320	90239-0516	M		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
330	B 90239-0773	M		1	CYLINDER	
340	90239-0453	D		1	BRACKET	
490	311103-0233	-		2	PIN,STRAIGHT 3x10	
500	312105-0293	-		4	SCREW M6S ISO 4017 M4X16 A280	
510	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A280	
520	312105-0364	-		6	SCREW M6S 6x10 A280	
530	312105-0366	-		3	SCREW M6S ISO 4017 M6x12 A280	
540	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
550	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
555	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
560	312105-0464	-		2	SCREW M6S ISO 4014 M8x65 A280	
575	312115-0366	-		2	SCREW MC6S ISO 4762 M6X12 A280	
580	312125-0228	-		2	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
590	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
600	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
610	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
620	315105-0153	-		9	WASHER,PLAIN ROUND 6,4x12 Stainless	
630	342797-0121	M		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
TBA 0100B or TBA 0125S						
010	271824-0000	-		1	AIR KNIFE, MOVABLE	
020	271825-0000	-		1	FIXED AIR KNIFE	
030	271941-0001	-		1	FRAME	
040	271942-0001	-		1	AIR GUIDE	
070	272026-0001	-		1	AIR DISTRIBUTOR	
080	271820-0001	-		1	STEERING RAIL	
100	272140-0001	D		1	HEAD PLATE	
160	271827-0001	-		1	HEAD PLATE	
190	272027-0001	D		1	GLASS PANE	
210	272141-0001	-		1	FILTER	
220	272329-0001	-		2	LACE	
570	312115-0325	-		5	SCREW 5X10 A4 80	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
010	272022-0000	-		1	AIR KNIFE, MOVABLE	
020	272023-0000	-		1	FIXED AIR KNIFE	
030	271941-0002	-		1	FRAME	
040	271942-0002	-		1	AIR GUIDE	
070	272026-0002	-		1	AIR DISTRIBUTOR	
080	271820-0002	-		1	STEERING RAIL	
100	272140-0002	D		1	HEAD PLATE	
160	271827-0002	-		1	HEAD PLATE	
190	272027-0002	D		1	GLASS PANE	
210	272141-0002	-		1	FILTER	
220	272329-0002	-		3	LACE	
570	312115-0325	-		7	SCREW 5X10 A4 80	



S-272028-5
ECN 71296

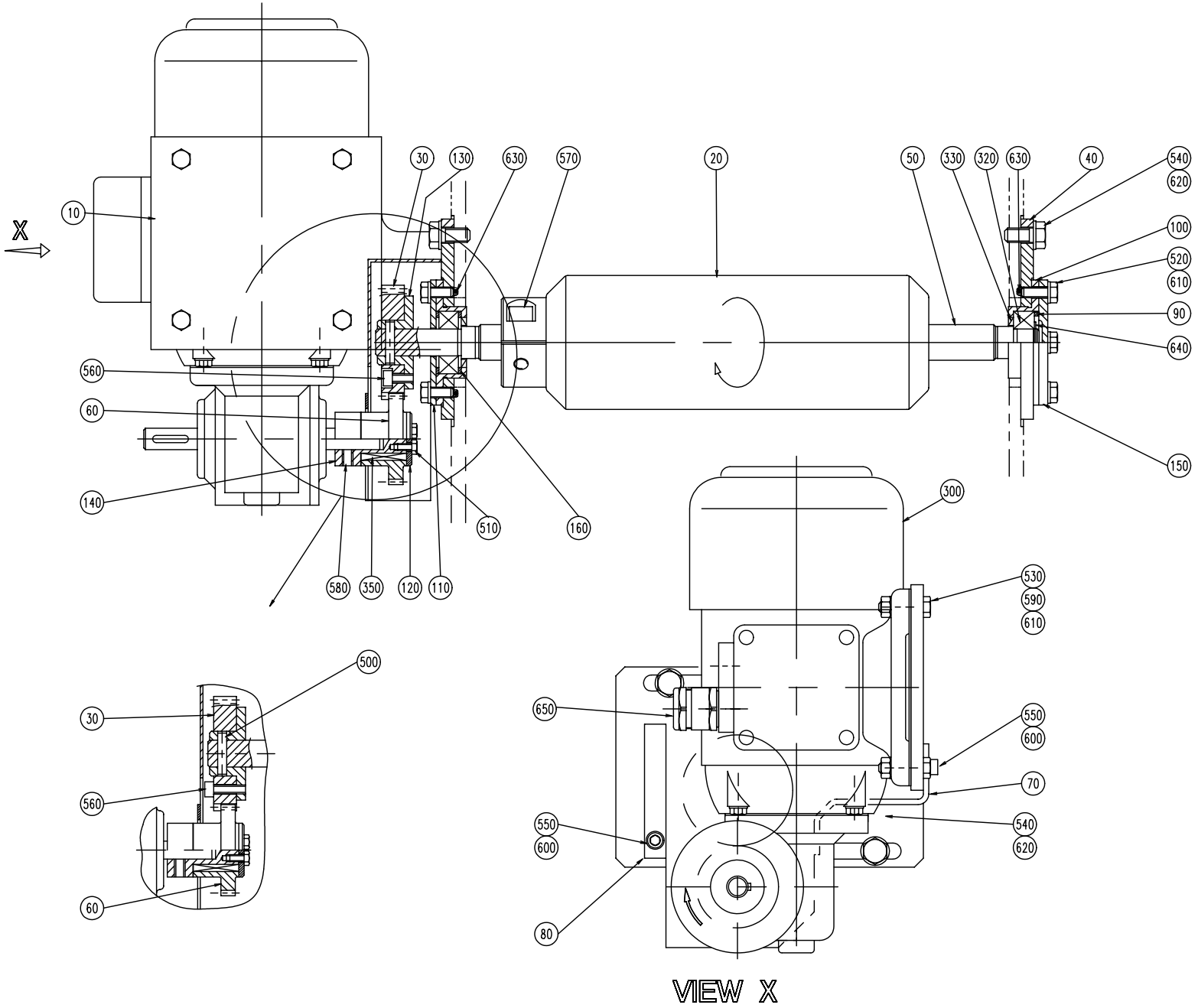
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
050	456515-0000	K		1	SHAFT	
070	1346066-0000	-		1	PROTECTION	
080	752569-0000	-		1	COVER	
090	247172-0000	I		1	SPACER RING	
100	247173-0000	D		2	BEARING SEAT	
110	250590-0000	D		1	BEARING COVER	
120	250592-0000	-		1	WASHER	
140	1334234-0000	M		1	HUB	
150	456516-0000	D		1	BEARING COVER	
160	491333-0000	D		2	SPACER RING	
300	90069-0281	N		1	Worm gear motor Grosshopp OKM-87-60	
320	90214-0098	G		2	BALL BEARING,STAINLESS	
330	90214-0303	G		2	SEALING RING 18,6X35X2	
340	90296-0091	G		x	LUBRICATION GREASE	
350	90348-0007	J		1	FREE WHEEL COUPLING	
500	311103-0310	-		1	PINS,STRAIGHT 5X20	
510	312105-0287	-		2	SCREW M6S ISO 4017 M4x8 A280	
520	312105-0367	-		8	SCREW M6S 6x14 A2 80	
530	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
540	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
550	312115-0323	-		4	SCREW MC6S ISO 4762 M5X8 A280	
570	312115-0451	-		2	SCREW MC6S ISO 4762 M8x20 A280	
580	312318-0364	-		1	STOP SCREW SK6SS6X10RFR	
590	312605-0316	-		4	NUT,HEXAGON A280 M6M6	
600	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
610	315105-0153	-		12	WASHER,PLAIN ROUND 6,4x12 Stainless	
620	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	
630	315204-0309	I		2	O-RINGS 89,5X3	
640	315755-0112	-		1	RETAINING RINGS,RADIAL ASSEMBLY 12	
650	90012-0137	-		1	CABLE GLAND SCREENED PG11 SHVE-120111	
TBA 0100B 7500/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	441547-0000	N		1	BENDING ROLLER	
030	255897-0003	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0008	M		1	GEAR WHEEL	
060	209331-0011	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0125S 7500/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	441547-0000	N		1	BENDING ROLLER	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0009	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0160S 7500/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	1260483-0000	N		1	BENDING ROLLER	
030	579974-0000	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0005	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0329	-		3	SCREW MC6S ISO 4762 M5x16 A280	
TBA 0180B 7500/H or TBA 0236B 6000/H or TBA 0250B 6000/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	255897-0007	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	209331-0001	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0200B 7500/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	255897-0008	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	209331-0009	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0200S 7500/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	1260483-0000	N		1	BENDING ROLLER	
030	979727-0000	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0010	M		1	GEAR WHEEL	
130	1350690-0000	M		1	HUB	
560	312115-0329	-		3	SCREW MC6S ISO 4762 M5x16 A280	
TBA 0236B 7500/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	579974-0000	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	209331-0005	M		1	GEAR WHEEL	



S-272028-5
ECN 71296

Pos	Part No	SP	UN	Qty	Description	Page No
130	255898-0000	M		1	HUB	
560	312115-0329	-		3	SCREW MC6S ISO 4762 M5x16 A280	
TBA 0250B 7500/H or TBA 0284B 7500/H or TBA 0300S 7500/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	577229-0000	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	577228-0000	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0329	-		3	SCREW MC6S ISO 4762 M5x16 A280	
TBA 0250S 7500/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	1260478-0000	N		1	BENDING ROLLER	
030	979727-0000	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0010	M		1	GEAR WHEEL	
130	1350690-0000	M		1	HUB	
560	312115-0329	-		3	SCREW MC6S ISO 4762 M5x16 A280	
TBA 0330S 7500/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	979727-0000	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	209331-0010	M		1	GEAR WHEEL	
130	1350690-0000	M		1	HUB	
560	312115-0329	-		3	SCREW MC6S ISO 4762 M5x16 A280	
TBA 0180B 6000/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	255897-0005	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	209331-0006	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0200B 6000/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	255897-0004	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	209331-0011	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	

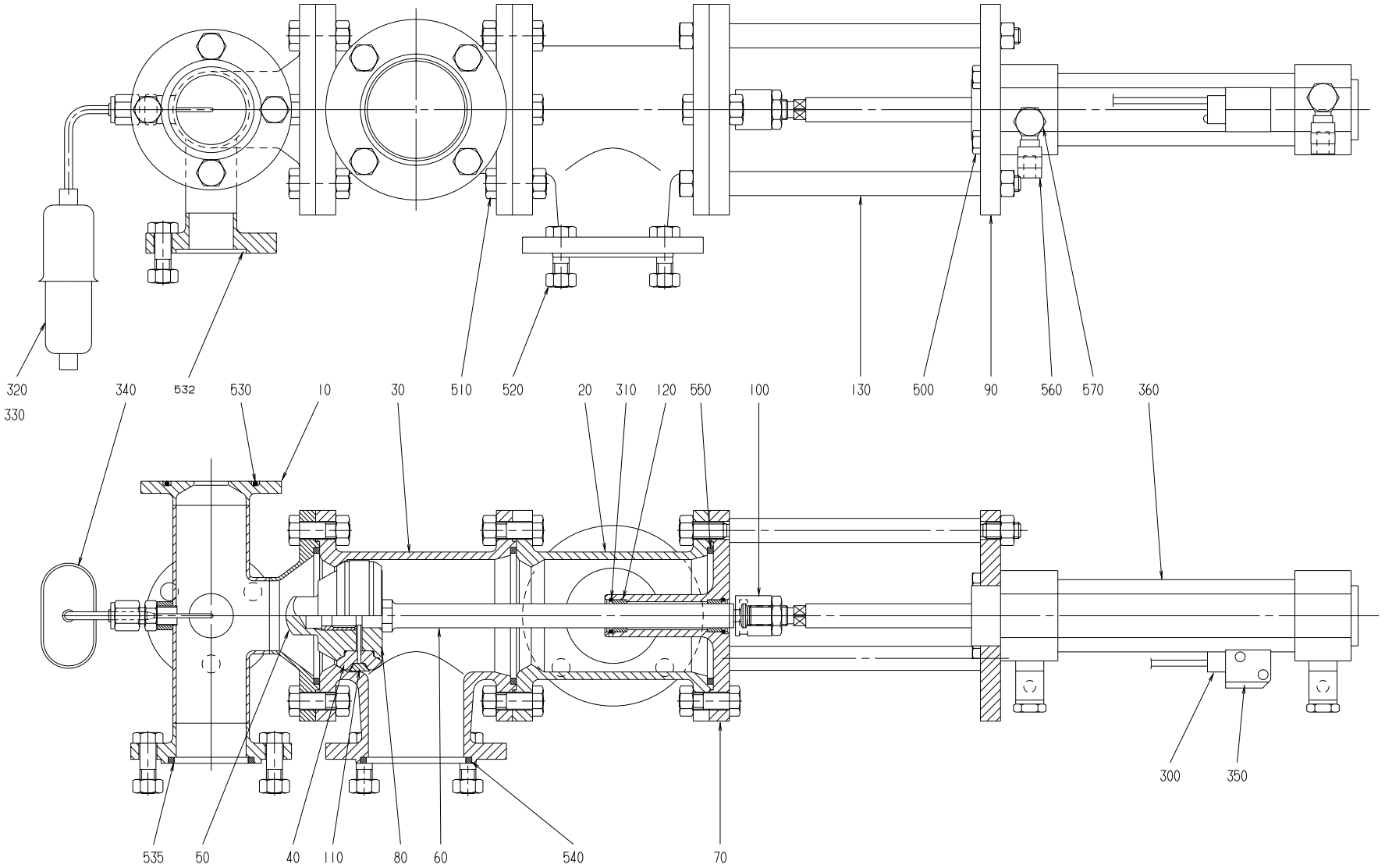
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0284B 6000/H or TBA 0300S 6000/H						
010	1346268-0000	-		1	MOTOR PLATE	
020	441546-0000	N		1	BENDING ROLLER	
030	255897-0008	M		1	GEAR WHEEL	
040	572158-0000	-		1	BEARING PANEL	
060	209331-0001	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0125S 6000/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	441547-0000	N		1	BENDING ROLLER	
030	255897-0003	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0008	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0160S 6000/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	1260483-0000	N		1	BENDING ROLLER	
030	255897-0007	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0001	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0200S 6000/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	1260483-0000	N		1	BENDING ROLLER	
030	255897-0008	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0009	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	
TBA 0250S 6000/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	1260478-0000	N		1	BENDING ROLLER	
030	255897-0008	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0009	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0327	-		3	SCREW MC6S ISO 4762 M5X12 A280	



S-272028-5
ECN 71296

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200M 7500/H						
010	1346267-0000	-		1	MOTOR PLATE	
020	1260478-0000	N		1	BENDING ROLLER	
030	579974-0000	M		1	GEAR WHEEL	
040	572157-0000	-		1	BEARING PANEL	
060	209331-0005	M		1	GEAR WHEEL	
130	255898-0000	M		1	HUB	
560	312115-0329	-		3	SCREW MC6S ISO 4762 M5x16 A280	

Pos	Part No	SP	UN	Qty	Description	Page No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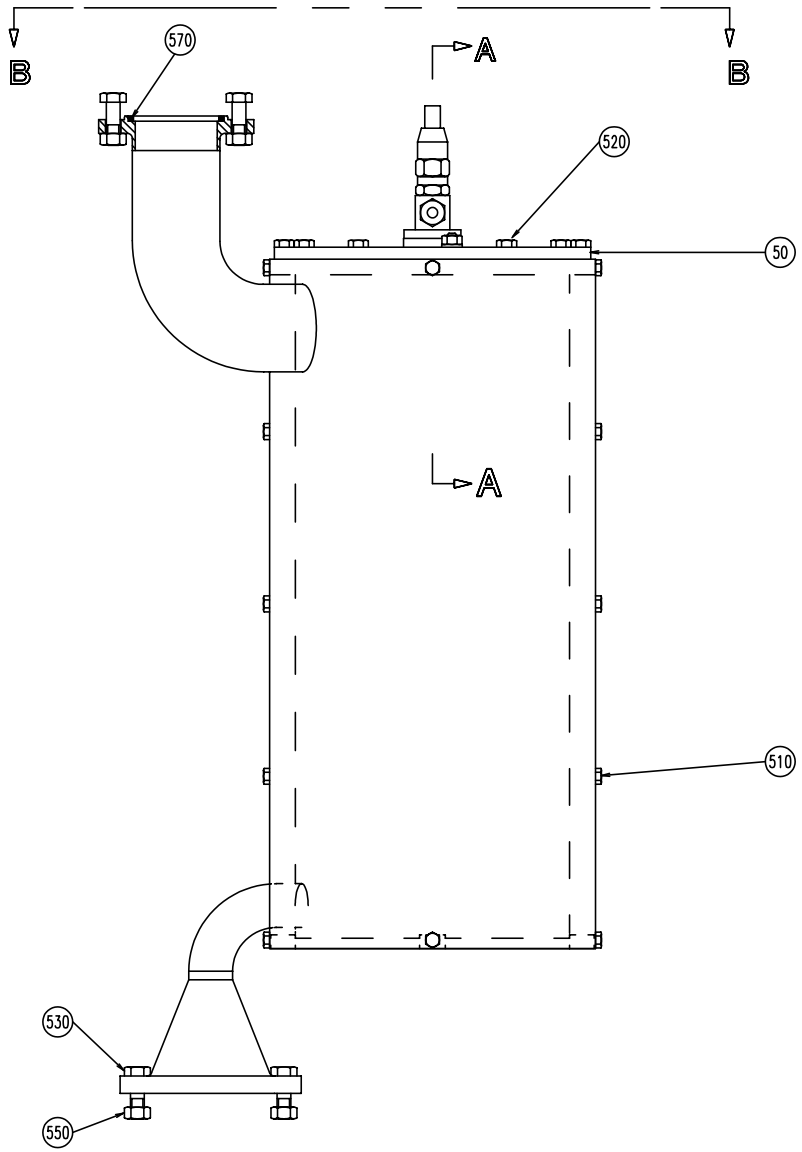
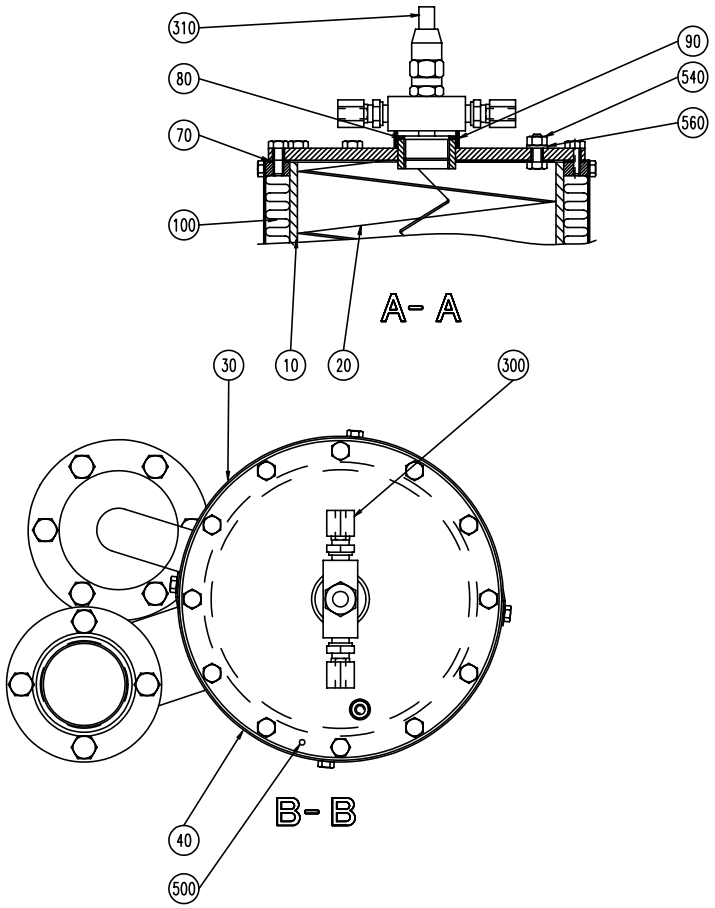
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978996-0000	-		1	BRANCH PIPE	
020	1036187-0000	-		1	T-PIPE	
030	1036194-0000	-		1	T-PIPE	
040	530589-0000	G		2	SEAL RING	
050	530590-0000	M		1	VALVE CONE	
060	1036188-0000	D		1	SHAFT	
070	1036189-0000	D		1	SPINDLE GUIDE	
080	1036191-0000	D		1	SEAL HOLDER	
090	1036193-0000	-		1	CYLINDER BRACKET	
100	441871-0000	M		1	PENDULUM SUSPENSION	
110	530599-0000	M		1	RING	
120	532349-0000	J		2	PLAIN BEARING	
130	1036192-0000	-		3	SPACER ROD	
300	90044-0116	J		1	CYLINDER,SENSOR	
310	90141-0022	J		2	RING	
320	90326-0012	M		1	PROTECTIVE COVER	
330	90326-0020	M		1	PLUG,FEMALE YELLOW CR-AL	
340	90326-0051	M		1	THERMO COUPLE	
350	90450-0669	D		1	CYLINDER,SENSOR,BRACKETS,22X18X33	
360	90450-0281	M		1	CYLINDER	
500	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
510	312105-0453	-		30	SCREW M6S ISO 4017 M8x25 A280	
520	312605-0318	-		36	NUT,HEXAGON,M8 RFR	
530	315204-0223	-		1	O-RING 39,2x3 VITON	
532	315229-0203	I		1	GASKET	
535	315229-0204	I		1	GASKET	
540	315229-0205	I		2	GASKET	
550	315229-0206	I		3	GASKET	
560	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
570	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

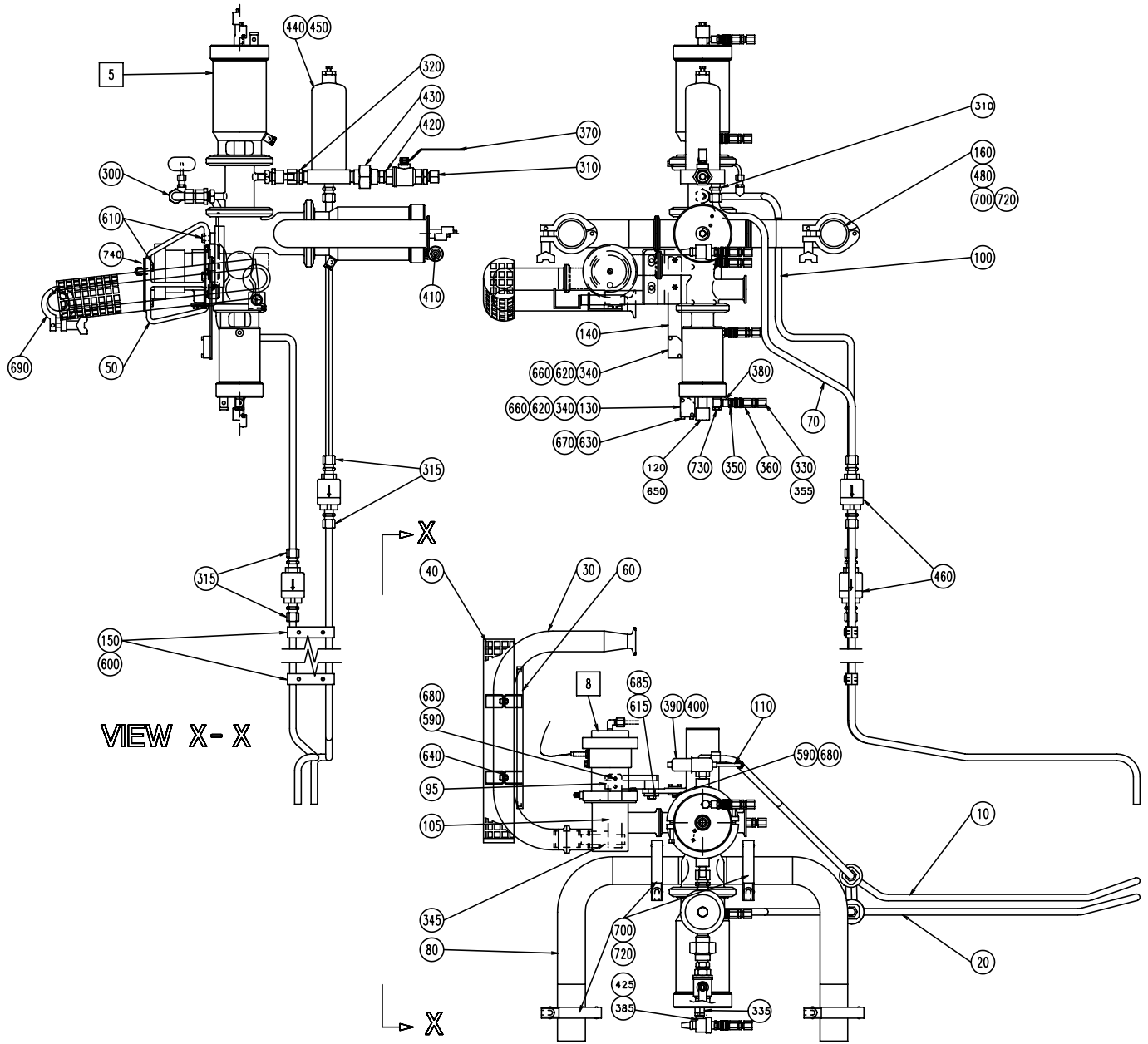




S-272407-3
ECN 70508

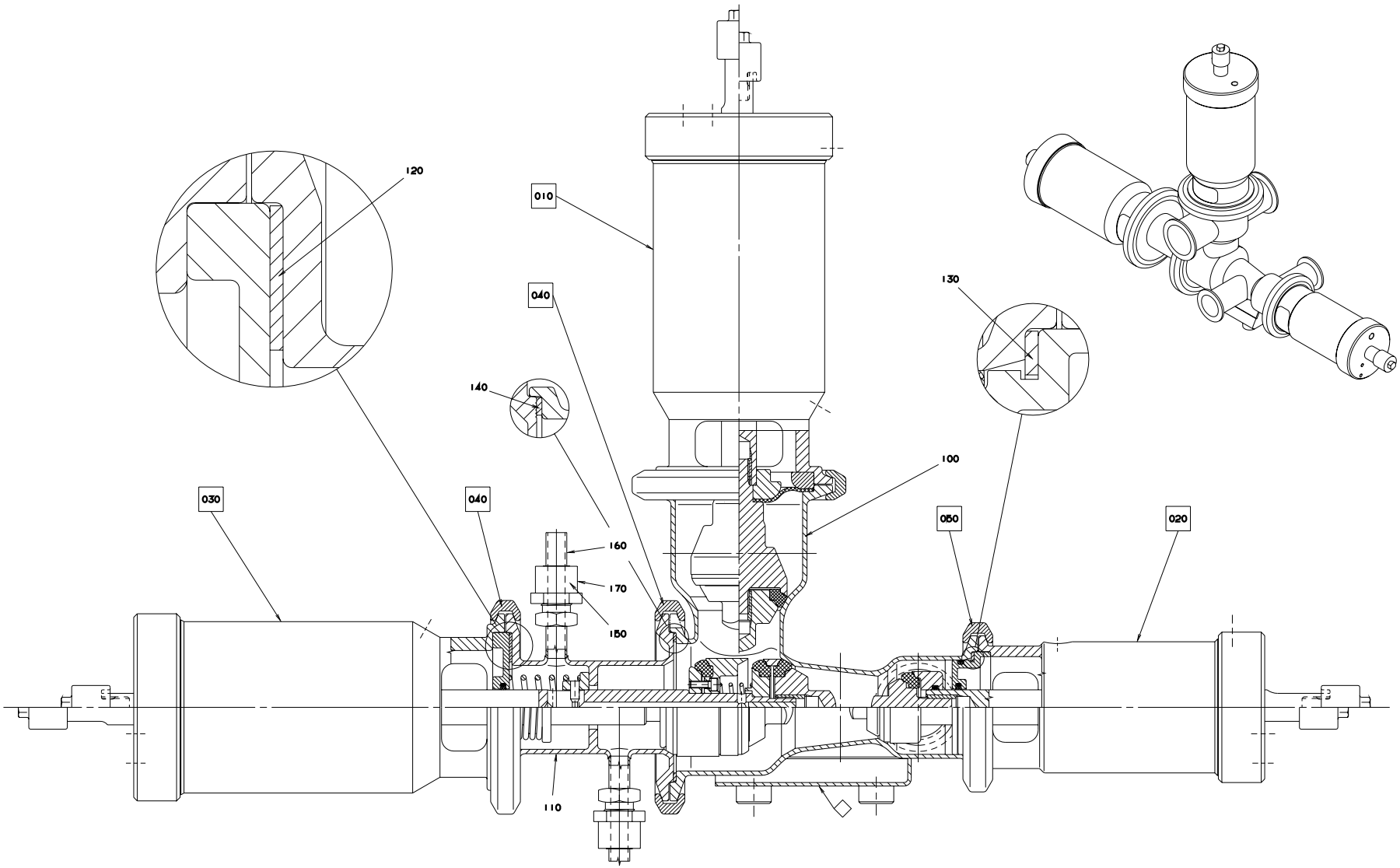
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978879-0000	-		1	CONTAINER	
020	272325-0000	-		1	SPIRAL	
030	978971-0000	-		1	DISCHARGE TRAY	
040	978972-0000	-		1	DISCHARGE TRAY	
050	272275-0000	-		1	LID	
070	272277-0000	R		2	GASKET	
080	12242-0001	F		1	GASKET	
090	295993-0000	D		1	GASKET HOLDER	
100	441501-0000	K		1	INSULATION	
300	90030-0062	D		2	STRAIGHT CONNECTION GE 6-1/4-18 NPTF	
310	B 90424-0017	D		1	NOZZLE	
500	311103-0236	-		1	PIN,STRAIGHT 3x16	
510	312105-0323	-		14	SCREW M6S ISO 4017 M5X8 A280	
520	312105-0368	-		12	SCREW M6S ISO 4017 M6x16 A280	
530	312105-0453	-		10	SCREW M6S ISO 4017 M8x25 A280	
540	312605-0314	-		1	NUT,HEXAGON,M6M5 Stainless	
550	312605-0318	-		10	NUT,HEXAGON,M8 RFR	
560	315105-0146	-		1	WASHER,PLAIN ROUND 5,3x10 Stainless	
570	315229-0205	I		1	GASKET	

Pos	Part No	SP	UN	Qty	Description	Page No



S-272560-8
ECN 70430

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F005	A 576434-0100	-		1	AP-VALVE 51-38	**56**
F008	A 927205-0100	-		1	REGULATING VALVE	**68**
010	1260485-0000	-		1	PIPE	
020	1260488-0000	-		1	PIPE	
030	979123-0000	-		1	PIPE	
040	979125-0000	-		1	TOUCH GUARD	
050	577360-0000	-		1	CANTILEVER	
060	578484-0000	-		1	TOUCH GUARD	
070	979115-0000	-		1	PIPE	
080	979116-0000	-		2	PIPE	
095	926914-0000	-		1	BRACKET	
100	1260484-0000	-		1	PIPE	
105	927006-0000	-		1	BRACKET	
110	37768-0000	M		1	THERMOCOUPLE CR-AL	
120	440647-0000	D		1	SLEEVE	
130	440731-0000	D		1	PLATE	
140	578480-0000	-		1	BRACKET	
150	578482-0000	-		2	BRACKET	
160	979118-0000	D		1	LID	
290	90030-0088	D		1	Straight Conn., 12-R1/4,ext. thread	
300	90030-0096	D		1	ELBOW CONNECTION W-12	
310	90030-0109	D		1	Straight Conn., 12-R1/2,ext. thread	
315	90030-0187	D		4	STRAIGHT CONNECTION GA-12-G3/8"	
320	90030-0180	D		1	STRAIGHT CONNECTION GE 12-1/2"-14 NPTF	
330	90030-0184	D		6	STRAIGHT CONNECTION GA-6-G1/8"	
335	90030-0212	-		1	NIPPLE	
340	90044-0104	J		2	PROX.SWITCH IFM IN 3002	
345	90044-0126	J		1	PROX.SWITCH 922AA3XM-A9P-060-LZ876	
350	90163-0057	D		6	NIPPLE 1/8" Brass	
355	90157-0037	-	L	x	SEALING COMPOUND	
360	90163-0062	D		6	SLEEVE 1/8"	
370	90187-0082	D		1	BALL VALVE, Sealing PTFE	
380	90224-0308	D		5	BANJO CONNECTION	
385	90235-0259	M		1	VALVE	
390	90326-0012	M		1	PROTECTIVE COVER	
400	90326-0020	M		1	PLUG,FEMALE YELLOW CR-AL	
410	90328-0003	K		1	SILENCER	
420	90330-0021	-		1	NIPPLES,HEXAGON,EXT.R-THREAD R1/2"-R1/2"	
425	90330-0032	-		1	NIPPLES,ext tappered thread, R1/8-R1/8	
430	90330-0106	-		1	PIPE COUPLING	
440	90337-0315	J		1	FILTER	
450	B 90277-0055	D		1	FILTER	
460	90360-0020	M		2	STEAM TRAP	
480	90217-0071	-		2	SLEEVE	
590	312105-0325	-		4	SCREW M6S 5x10 A2 80	
600	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
610	312105-0451	-		8	SCREW M6S ISO 4017 8x20 A280	
615	312105-0453	-		2	SCREW M6S ISO 4017 M8x25 A280	
620	312115-0228	-		4	SCREW MC6S ISO 4762 M3X16 A280	
630	312115-0305	-		2	SCREW MC6S ISO 4762 M4X50 A280	
640	312115-0329	-		4	SCREW MC6S ISO 4762 M5x16 A280	
650	312155-0532	-		1	SCREW MF6S12X20RFR	
660	315105-0124	-		4	WASHER,PLAIN ROUND 3,2x6	
670	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
680	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
685	315125-0165	-		2	WASHERS,PLAIN ROUND,CHAMFERED 8,4X26X5	
690	342840-0103	-		1	CLAMPING PIECE	
700	342840-0105	-		4	CLAMPING PIECE	
720	342850-0305	E		4	GASKET	
730	342980-0303	D		4	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
740	490985-0000	-		2	SPACER SHEET	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Pos	Part No	SP	UN	Qty	Description	Page No
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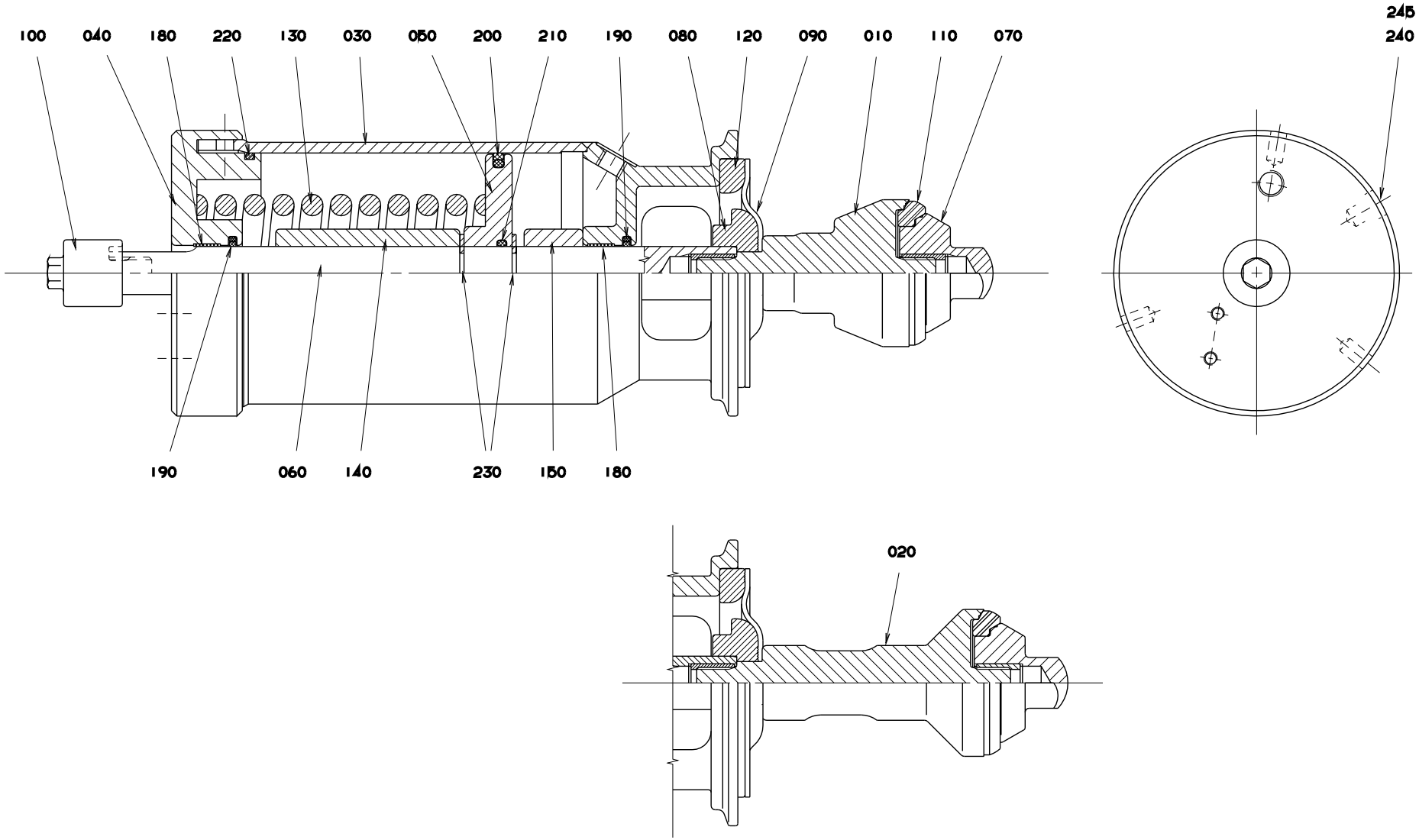
F010	A 576436-0100	-		1	A-CYLINDER	**58**
F020	A 576438-0100	-		1	B-CYLINDER	**60**
F030	A 576437-0100	-		1	C-CYLINDER	**62**
F040	A 541163-0200	-		3	CLAMP RING	**64**
F050	A 541164-0200	-		1	CLAMP RING	**66**
100	556702-0000	D		1	AP-VALVE-BODY (51-38)	
110	567018-0000	D		1	STEAM HOUSE	
120	539212-0000	J		1	GASKET	
130	90207-0365	J		1	GASKET	
140	90207-0363	J		1	GASKET	
150	90091-0266	J		2	SEAL RING	
160	90030-0336	-		2	GLAND	
170	90030-0338	-		2	NUT	

Pos	Part No	SP	UN	Qty	Description	Page No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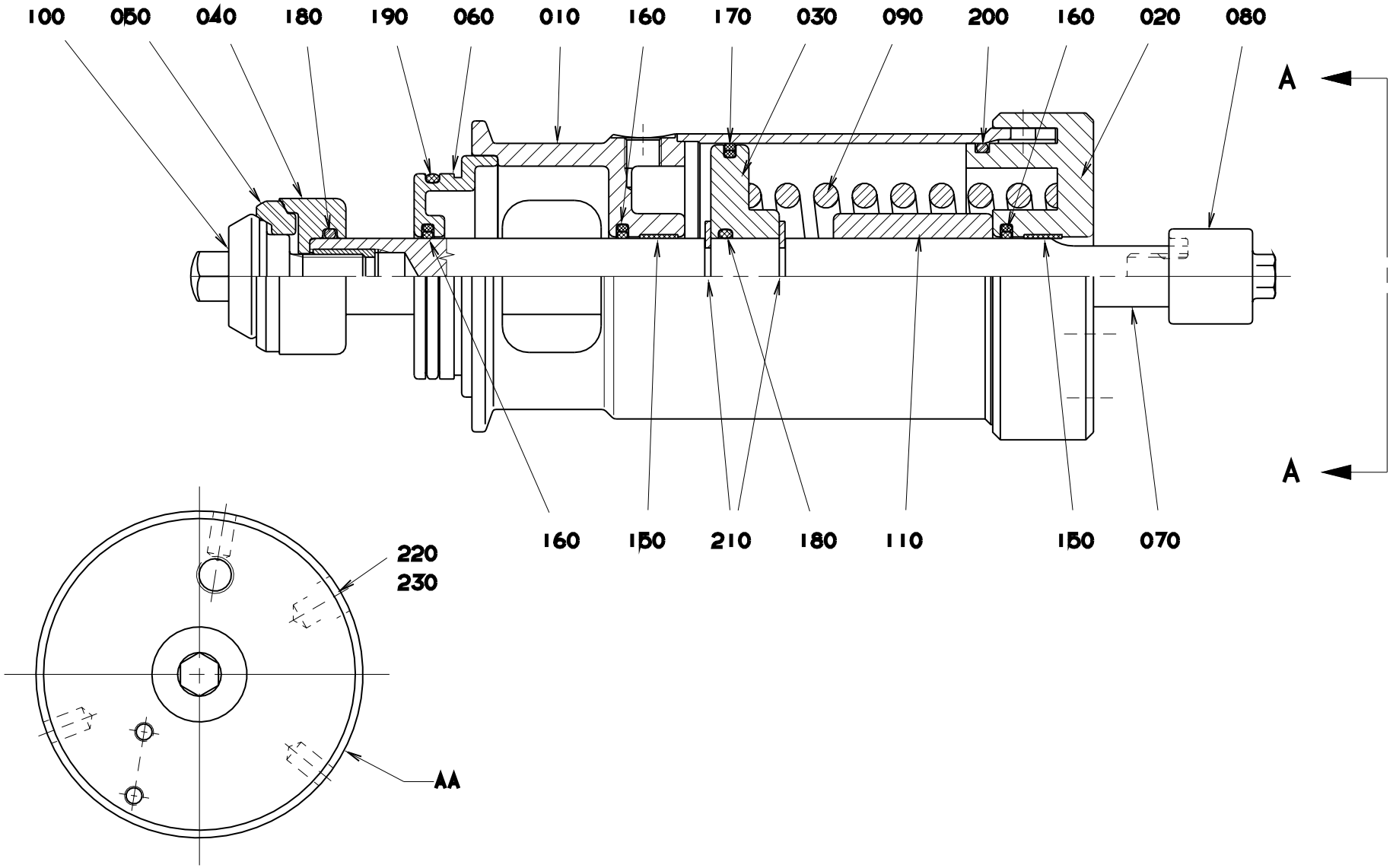
Pos	Part No	SP	UN	Qty	Description	Page No
-						
030	576439-0000	-		1	CYLINDER HOUSING	
040	576440-0000	-		1	END SECTION	
050	576441-0000	D		1	PISTON	
060	576446-0000	R		1	PISTON ROD	
070	530590-0000	D		1	VALVE CONE	
080	541166-0000	D		1	WASHER	
090	533169-0000	I		1	DIAPHRAGM	
100	553607-0000	-		1	SLEEVE	
110	530589-0000	I		1	SEAL RING	
120	440655-0000	D		1	RING	
130	440663-0000	D		1	COMPRESSION SPRING	
140	576448-0000	-		1	SPACER	
150	576449-0000	-		1	SPACER	
180	90091-0238	J		2	SEAL RING	
190	90091-0237	J		2	SEALING RINGS,TYPE "GLYD-RING" 20/27,5X3	
200	90091-0336	J		1	SEALING RINGS,TYPE "GLYD-RING" 90/79X4	
210	315204-0215	J		1	O-RING 19,2x3 VITON	
220	315202-0308	J		1	O-RINGS 84,5X3	
230	315754-0113	-		2	LOCKING WAE 15	
240	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
245	315233-0101	-		1	PLAIN ROUND,NYLON M5 2"	
010	530592-0000	D		1	SEAL RING HOLDER 3"	
020	530595-0000	D		1	SEAL RING HOLDER	

Pos	Part No	SP	UN	Qty	Description	Page No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Pos	Part No	SP	UN	Qty	Description	Page No
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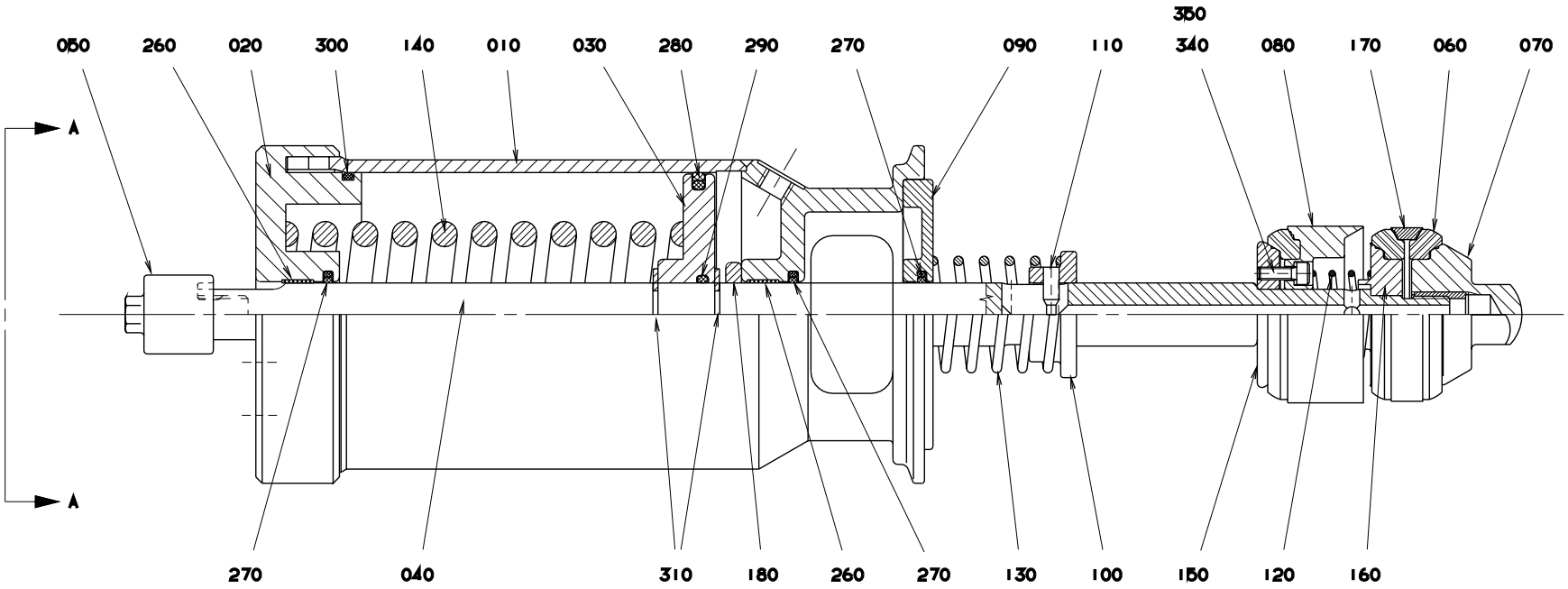
010	576443-0000	-		1	CYLINDER HOUSING	
020	576444-0000	-		1	END SECTION	
030	576445-0000	D		1	PISTON	
040	530587-0000	D		1	WASHER	
050	530588-0000	I		1	SEAL RING	
060	556133-0000	-		1	SEALING WASHER	
070	576447-0000	R		1	PISTON ROD	
080	553607-0000	-		1	SLEEVE	
090	440662-0000	D		1	COMPRESSION SPRING	
100	476185-0000	D		1	VALVE CONE	
110	576451-0000	-		1	SPACER	
150	90091-0238	J		2	SEAL RING	
160	90091-0237	J		3	SEALING RINGS,TYPE "GLYD-RING" 20/27,5X3	
170	90091-0335	J		1	SEALING RINGS,TYPE "GLYD-RING" 70/62,5X3	
180	315204-0215	J		2	O-RING 19,2x3 VITON	
190	315204-0301	J		1	O-RINGS 49,5X3	
200	315202-0304	J		1	O-RINGS 64,5X3	
210	315754-0113	-		2	LOCKING WAE 15	
220	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
230	315233-0101	-		1	PLAIN ROUND,NYLON M5	

Pos	Part No	SP	UN	Qty	Description	Page No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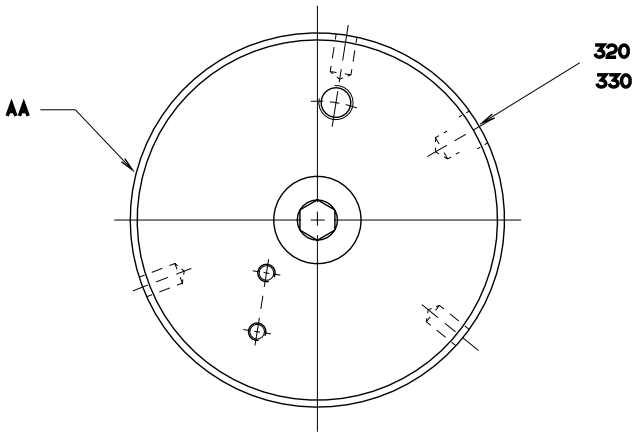
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Pos	Part No	SP	UN	Qty	Description	Page No
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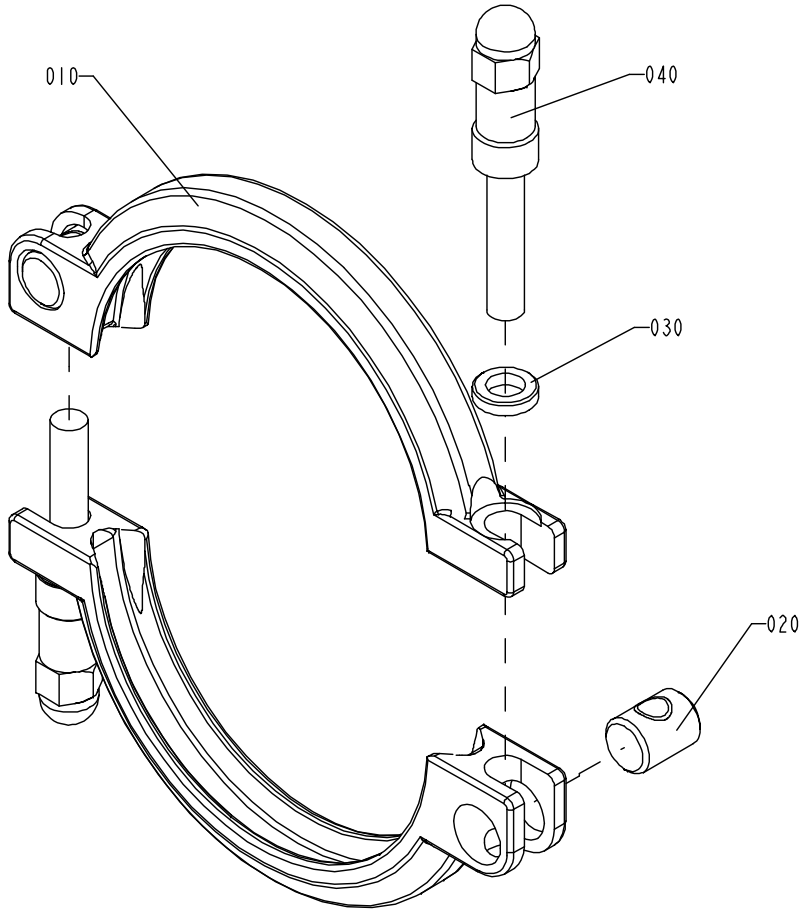
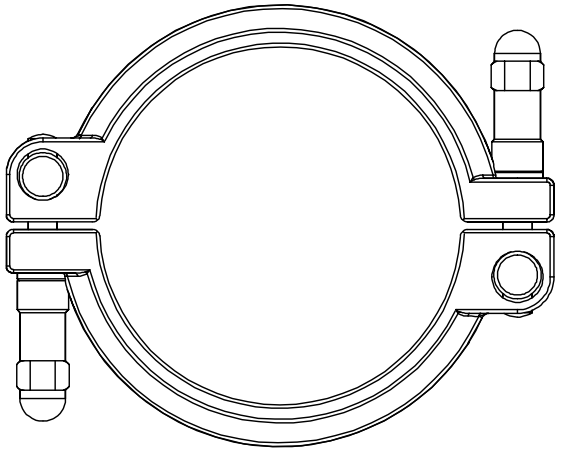
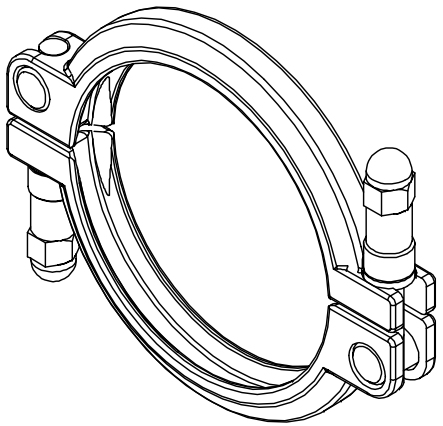
020	576440-0000	-		1	END SECTION	
030	576441-0000	D		1	PISTON	
040	576442-0000	R		1	PISTON ROD	
050	553607-0000	-		1	SLEEVE	
060	530589-0000	I		3	SEAL RING	
070	530590-0000	-		1	VALVE CONE	
080	530591-0000	-		1	HOLDER	
090	555458-0000	-		1	SEALING WASHER	
100	440650-0000	-		1	WASHER	
110	440659-0000	-		1	CYLINDRICAL PIN	
120	440660-0000	D		1	COMPRESSION SPRING	
130	440661-0000	D		1	COMPRESSION SPRING	
140	440663-0000	D		1	COMPRESSION SPRING	
150	530597-0000	-		1	WASHER	
160	530598-0000	-		1	WASHER	
170	530599-0000	-		2	RING	
180	576450-0000	-		1	SPACER	
260	90091-0238	J		2	SEAL RING	
270	90091-0237	J		3	SEALING RINGS,TYPE "GLYD-RING" 20/27,5X3	
280	90091-0336	J		1	SEALING RINGS,TYPE "GLYD-RING" 90/79X4	
290	315204-0215	J		1	O-RING 19,2x3 VITON	
300	315202-0308	J		1	O-RINGS 84,5X3	
310	315754-0113	-		2	LOCKING WAE 15	
320	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
330	315233-0101	-		1	PLAIN ROUND,NYLON M5	
340	312115-0291	-		4	SCREW MC6S ISO 4762 M4x12 A280	
350	315402-0136	-		4	WASHER FBB4,1RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

CLAMP RING







Pos	Part No	SP	UN	Qty	Description	Page No
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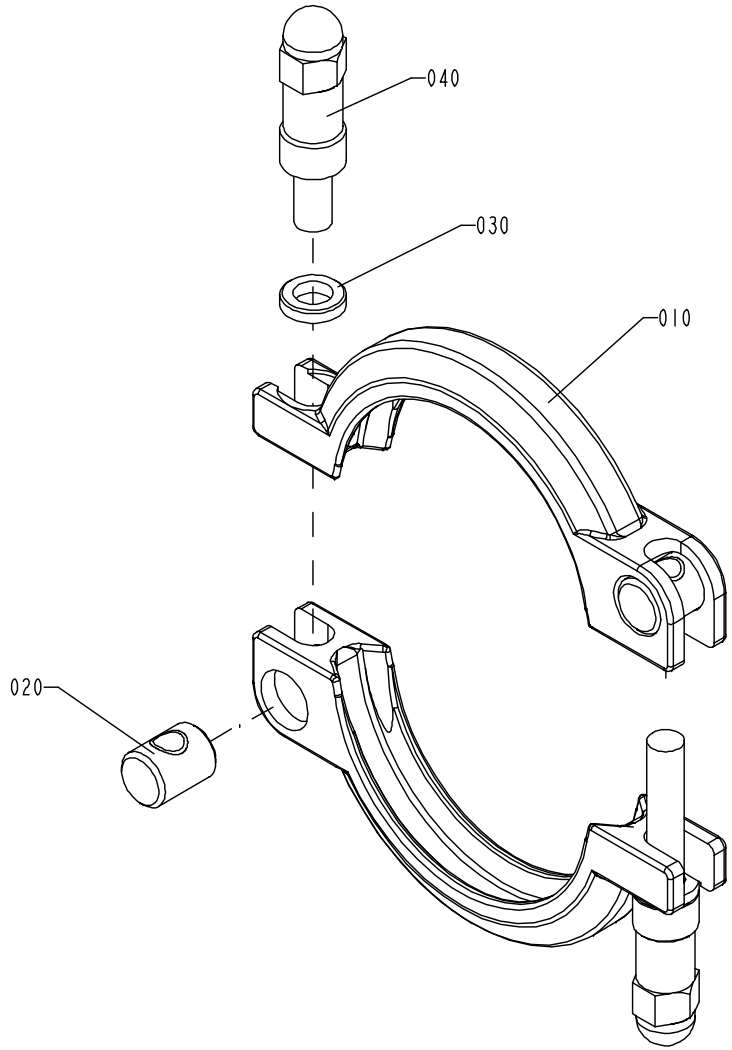
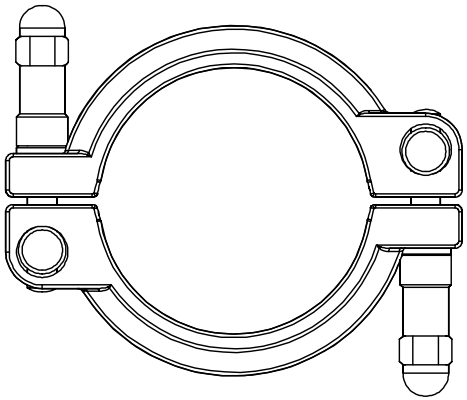
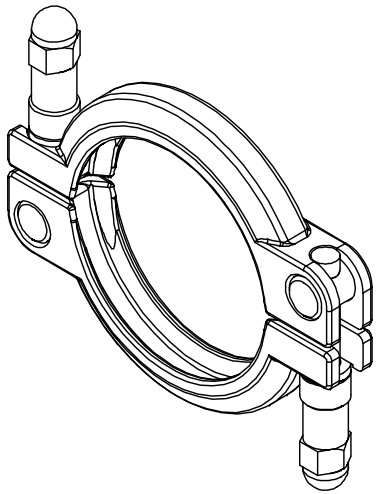
010	532117-0000	-		2	CLAMP RING	
020	497748-0000	-		2	PIN	
030	541165-0000	-		2	WASHER	
040	554162-0000	-		2	SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No

CLAMP RING







Pos	Part No	SP	UN	Qty	Description	Page No
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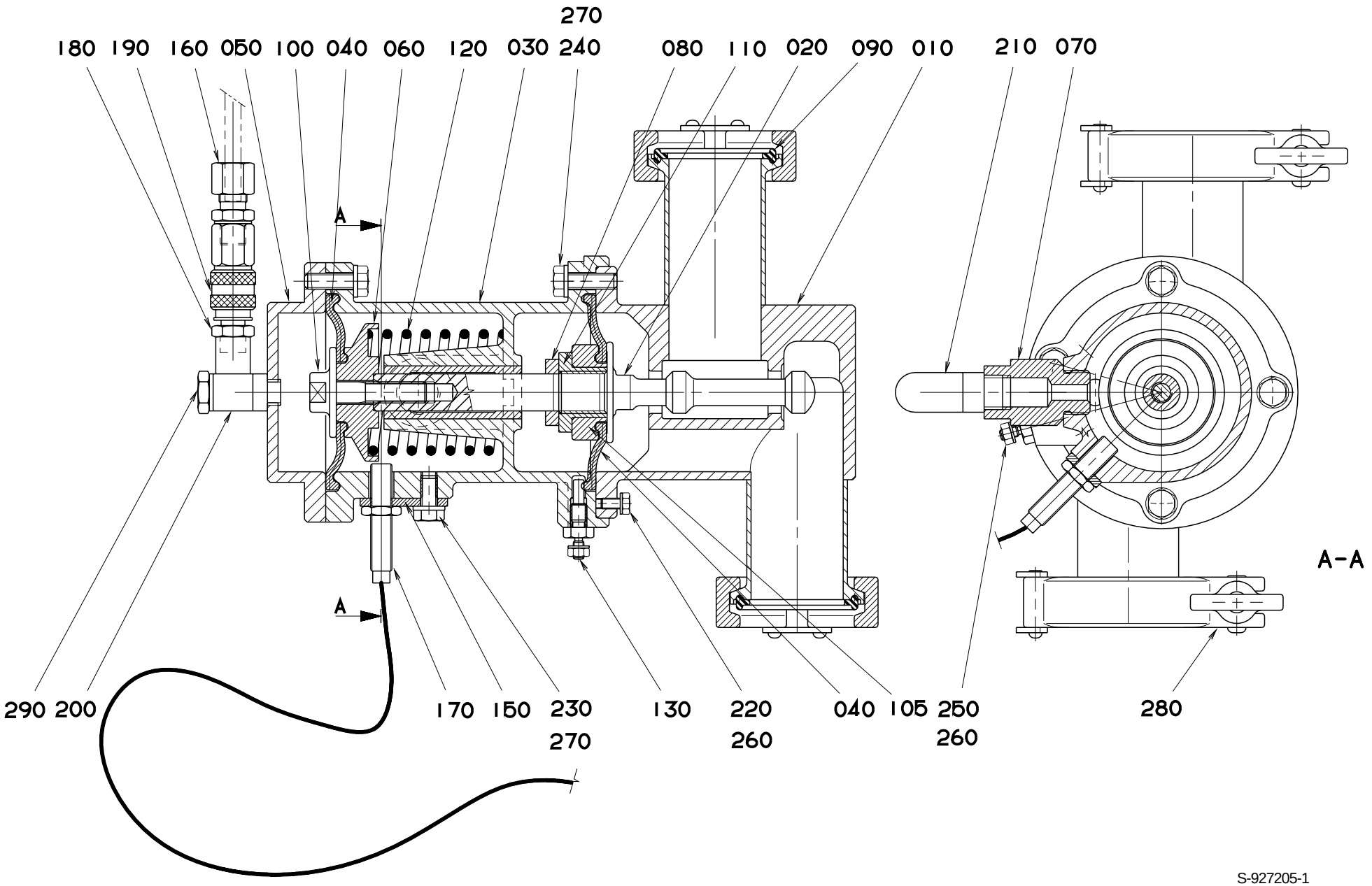
010	532118-0000	-		2	CLAMP RING	
020	497748-0000	-		2	PIN	
030	541165-0000	-		2	WASHER	
040	554162-0000	-		2	SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No

REGULATING VALVE



Pos	Part No	SP	UN	Qty	Description	Page No
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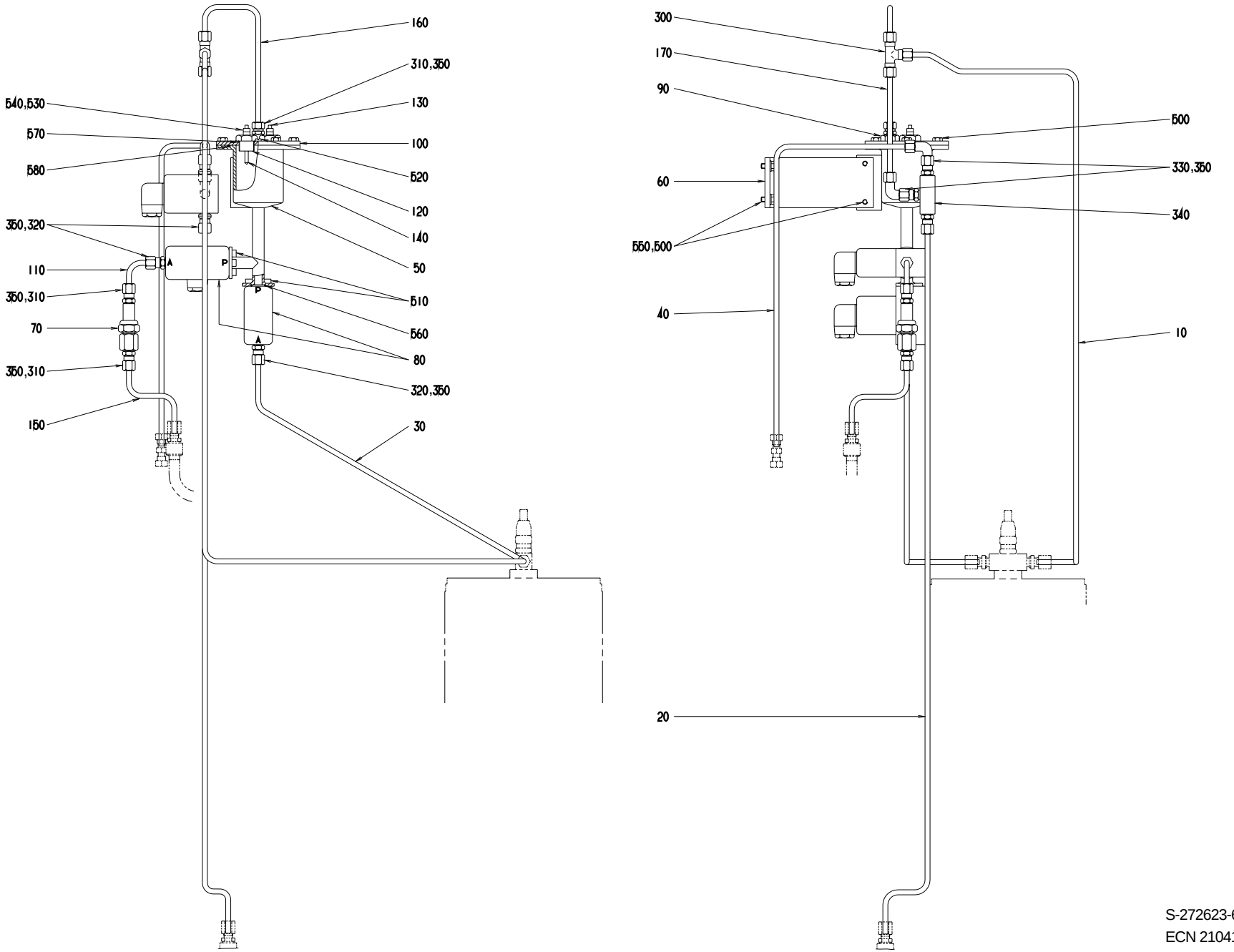
010	926741-0000	-		1	REGULATOR BODY	
020	927007-0000	M		1	SHUTTER	
030	927194-0000	M		1	BODY	
040	925998-0000	G		2	DIAPHRAGM	
050	927203-0000	-		1	COVER	
060	926906-0000	-		1	SPACER	
070	927044-0000	-		1	SPACER	
080	736514-0000	J		1	SHOCK ABSORBER	
090	926822-0000	E		2	GASKET	
100	926907-0000	-		1	SCREW	
105	979433-0000	M		1	SPACER	
110	979434-0000	R		1	FERRULE	
120	926909-0000	R		1	COMPRESSION SPRING	
130	927204-0000	R		1	SENSOR	
150	926934-0000	-		1	SUPPORT	
160	90030-0089	-		1	STRAIGHT CONNECTION	
170	90044-0145	J		1	PROXIMITY SWITCH	
180	90163-0057	-		1	NIPPLE 1/8" Brass	
190	90163-0062	-		1	SLEEVE 1/8"	
200	90224-0308	-		1	BANJO CONNECTION	
210	90328-0026	J		1	SILENCER	
220	312105-0287	-		1	SCREW M6S ISO 4017 M4x8 A280	
230	312105-0366	-		1	SCREW M6S ISO 4017 M6x12 A280	
240	312105-0370	-		8	SCREW M6S ISO 4017 M6x20 A280	
250	312605-0312	-		1	NUT,HEXAGON,M4 RFR	
260	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
270	315105-0153	-		9	WASHER,PLAIN ROUND 6,4x12 Stainless	
280	342840-0103	-		2	CLAMPING PIECE	
290	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No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Pos	Part No	SP	UN	Qty	Description	Page No
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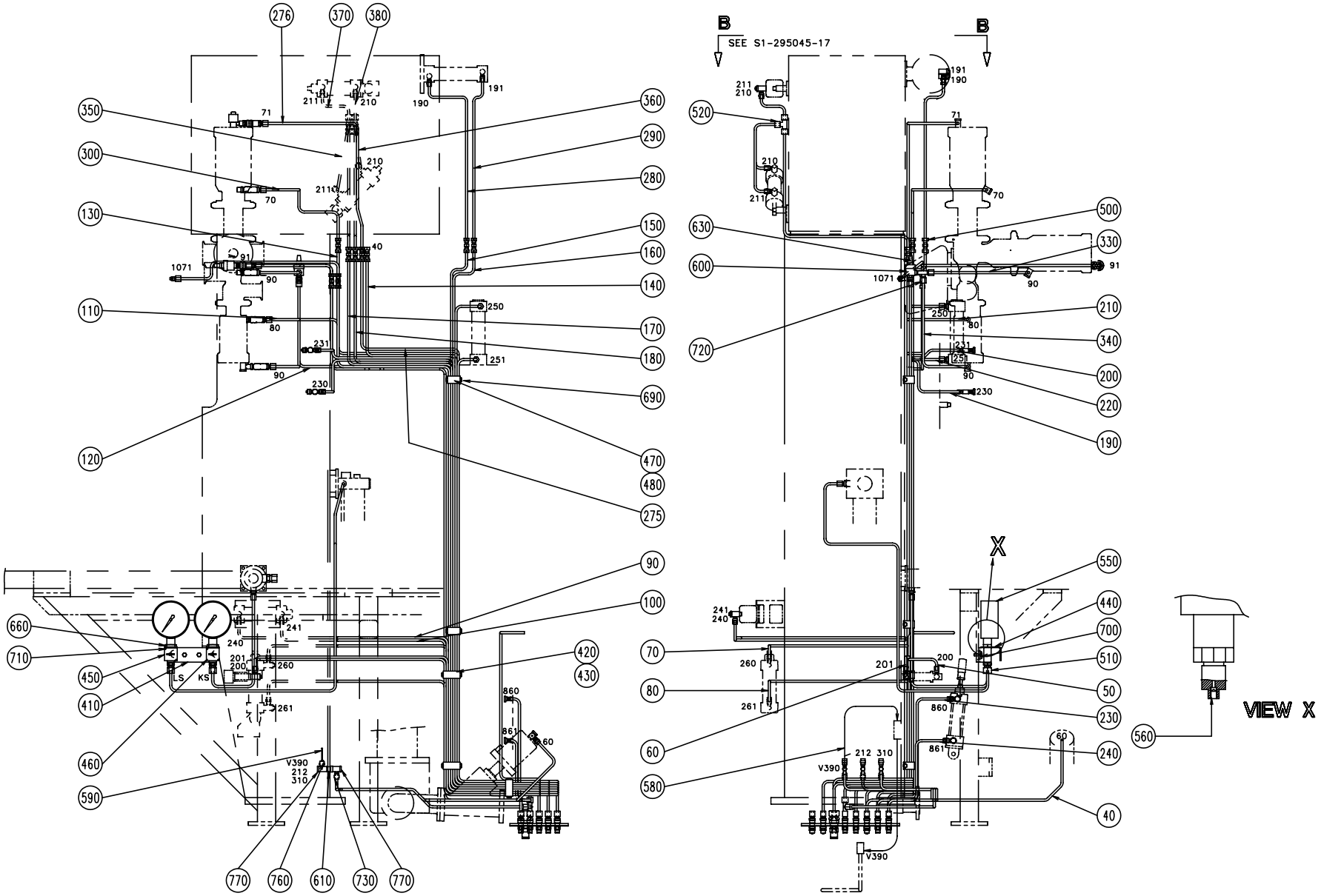
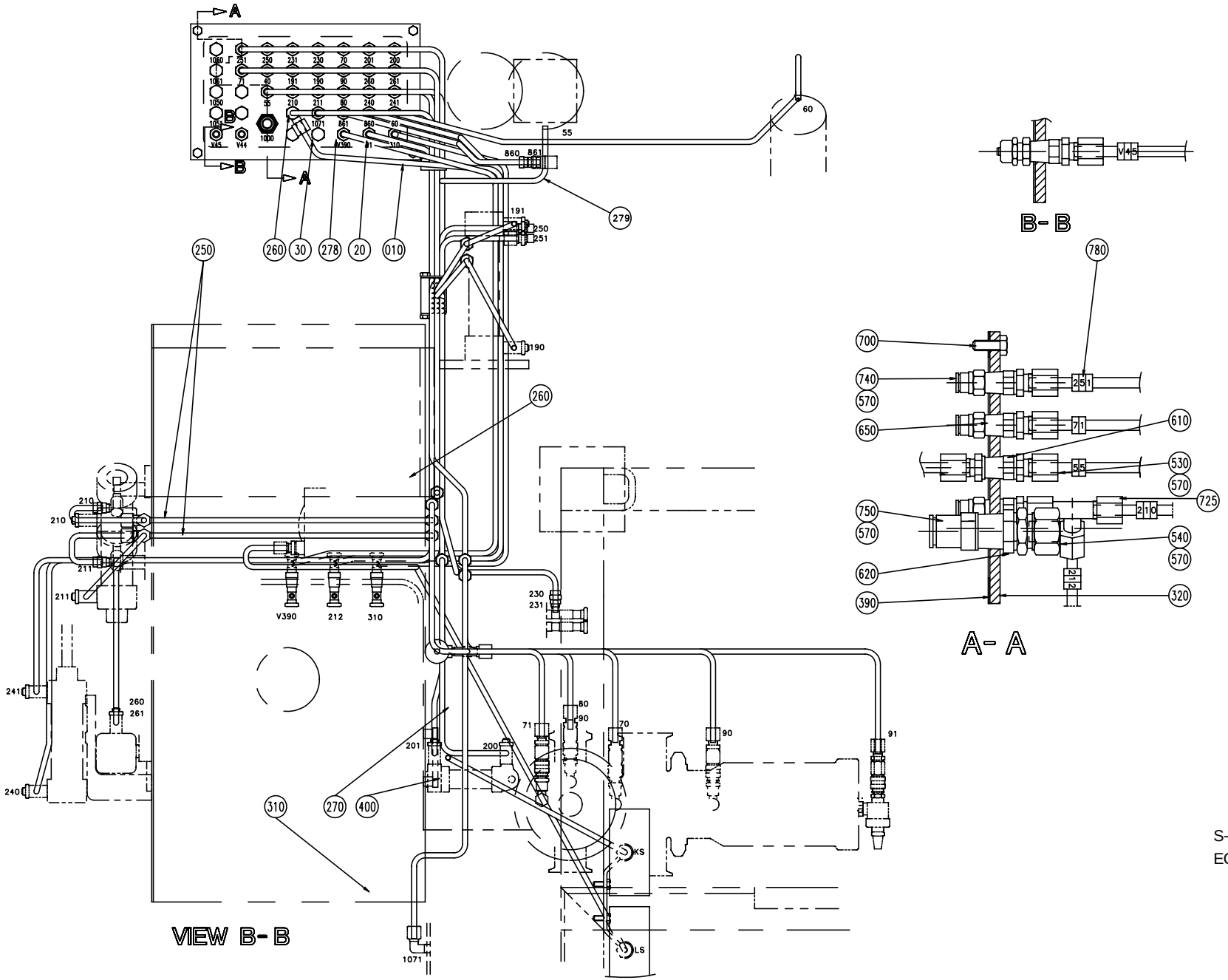
010	578012-0000	-		1	PIPE	
030	578016-0000	-		1	PIPE	
040	578019-0000	-		1	TUBE40	
050	752576-0000	D		1	CONTAINER	
060	272844-0000	-		1	BRACKET	
070	B 484196-0000	M		1	FILTER	
080	B 544906-0000	M		2	SOLENOID VALVE	
090	450833-0000	M		1	FILTER	
100	450837-0000	-		1	LID	
110	456900-0000	-		1	PIPE	
120	560931-0000	K		2	BRACKET	
130	567070-0010	M		1	ELECTRODE	
140	567070-0013	M		1	ELECTRODE	
150	578026-0000	-		1	PIPE	
160	752675-0000	-		1	PIPE	
170	752676-0000	-		1	PIPE	
300	90030-0076	-		1	T-PIPE CONNECTION T-6	
310	90030-0184	-		3	STRAIGHT CONNECTION GA-6-G1/8"	
320	90030-0202	-		3	Straight Conn., 6-G1/4,ext. thread	
330	90030-0203	-		2	Adjust. Elbow Conn, 6-G1/4,ext.thread	
340	B 90042-0171	M		1	SOLENOID VALVE BUERKERT	
350	90144-0004	-	MM	1	TREBOFLON-TAPE W=13mm	
500	312105-0366	-		10	SCREW M6S ISO 4017 M6x12 A280	
510	312115-0323	-		6	SCREW MC6S ISO 4762 M5X8 A280	
520	312125-0285	-		1	SLOTTED HEAD SCREW MCS 4X6 RFR	
530	312605-0312	-		6	NUT,HEXAGON,M4 RFR	
540	315105-0136	-		6	WASHER,PLAIN ROUND 4,3x8 Stainless	
550	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
560	927421-0003	I		2	O-RING 13.3X2.4 SILICON	
570	927421-0004	I		3	O-RING 15.3X2.4 SILICON	
580	927422-0011	I		1	O-RING 69.5X3 SILICON	
NOHI						
020	578014-0000	-		1	PIPE	

Pos	Part No	SP	UN	Qty	Description	Page No



S-295045-16
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
TBA PT19						
010	589464-0000	-		1	TUBE 212	
180	589465-0000	-		1	TUBE 210	
530	90030-0184	M		26	STRAIGHT CONNECTION GA-6-G1/8"	
540	90030-0187	M		1	STRAIGHT CONNECTION GA-12-G3/8"	
650	90330-0066	-		12	PLUG,EXTERNAL G-THREAD G1/8"	
710	312502-0120	-		4	DRIVE SCREW ROUND HEAD SMS 1549 KDS 0X5	
715	342722-0202	-		25	PIPE COUPLING 1/8" D=6mm	
725	342759-0102	-		1	L-PIPE CONNECTION,EVL,EXT,T-6-G1/8"	
730	342797-0121	-		3	BANJO CONNECTION,RINGPIECE 6-1/8"	
760	342980-0113	-		3	BANJO-CONNECTION,RING 6/4-G1/8"	
770	342980-0303	-		6	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
TBA NOPT						
180	578005-0000	-		1	TUBE 210	
530	90030-0184	M		33	STRAIGHT CONNECTION GA-6-G1/8"	
640	90330-0029	-		1	PLUG,EXTERNAL G-THREAD G3/8"	
650	90330-0066	-		8	PLUG,EXTERNAL G-THREAD G1/8"	
715	342722-0202	-		29	PIPE COUPLING 1/8" D=6mm	
730	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
760	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
770	342980-0303	-		4	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
Common parts						
020	577778-0000	-		1	TUBE 310	
030	577779-0000	-		1	TUBE V390	
045	1350159-0000	-		1	TUBE60	
050	577782-0000	-		1	TUBE 200	
060	577783-0000	-		1	TUBE 201	
070	577784-0000	-		1	TUBE260	
080	577785-0000	-		1	TUBE 261	
090	577786-0000	-		1	TUBE 240	
100	577787-0000	-		1	TUBE 241	
110	577788-0000	-		1	TUBE 80	
120	577789-0000	-		1	TUBE 90	
130	577790-0000	-		1	TUBE 70	
140	577791-0000	-		1	TUBE 40	
150	578002-0000	-		1	TUBE 190	
160	578003-0000	-		1	TUBE 191	
170	578004-0000	-		1	TUBE 211	
190	578006-0000	-		1	TUBE 230	
200	578007-0000	-		1	TUBE231	
210	578008-0000	-		1	TUBE 250	
220	578009-0000	-		1	TUBE 251	
230	578010-0000	-		1	TUBE 860	
240	578011-0000	-		1	TUBE 861	
250	578013-0000	-		2	TUBE 210 AND 211	
260	578015-0000	-		1	TUBE 1071	
270	578036-0000	-		1	PIPE	
275	580363-0000	-		1	PIPE 71	
276	580364-0000	-		1	PIPE 71	
277	581015-0000	-		1	PIPE 91	
278	581016-0000	-		1	PIPE 91	
279	979558-0000	-		1	TUBE 55	
280	578017-0000	-		1	TUBE 190	
290	578018-0000	-		1	TUBE 191	
300	578020-0000	-		1	TUBE 70	
310	578021-0000	-		1	TUBE 1071	
320	578029-0000	-		1	CONNECTION DEVICE	
330	577541-0000	-		1	TUBE 90	
340	577542-0000	-		1	TUBE 90	
350	578022-0000	-		1	TUBE 211	
360	578023-0000	-		1	TUBE 210	
370	578024-0000	-		1	TUBE 211	
380	578025-0000	-		1	TUBE 210	
390	578030-0000	-		1	GASKET	
400	578481-0000	-		1	PIPE	
410	33577-0000	-		1	CANTILEVER	
420	295604-0000	-		3	CRAMP	
430	295605-0000	-		3	BRACKET	
440	464173-0000	-		2	LABEL HOLDER	
450	464174-0000	-		1	SIGN	
460	464175-0000	-		1	SIGN	
470	578027-0000	-		3	CRAMP	
480	578028-0000	-		3	BRACKET	
500	90030-0075	M		9	PIPE CONNECTION G-6	
510	90030-0092	M		2	Straight Conn., 6-R1/4,ext. tappered	
520	90030-0164	-		2	T-pipe Conn. T6-LL	
550	90043-0034	K		2	PRESSURE GAUGE	
560	90043-0302	D		2	SCREW	
570	90157-0037	-	L	1	SEALING COMPOUND	
580	90166-0119	M	MM	2100	HOSE PUR 4/6 Black	
590	90166-0132	M	MM	1500	TUBE 6 mm PA,Transp.	
600	90235-0259	-		1	VALVE	
610	90330-0025	-		41	BUSHING,INT./EXT.R-THREAD R1/4"-Rp1/8"	
620	90330-0048	-		1	BUSHING,INT./EXT.R-THREAD R1/2"-Rp3/8"	
630	90328-0003	M		1	SILENCER	
660	90330-0105	-		2	PIPE PARTS,NUT,hexagon, R3/8	



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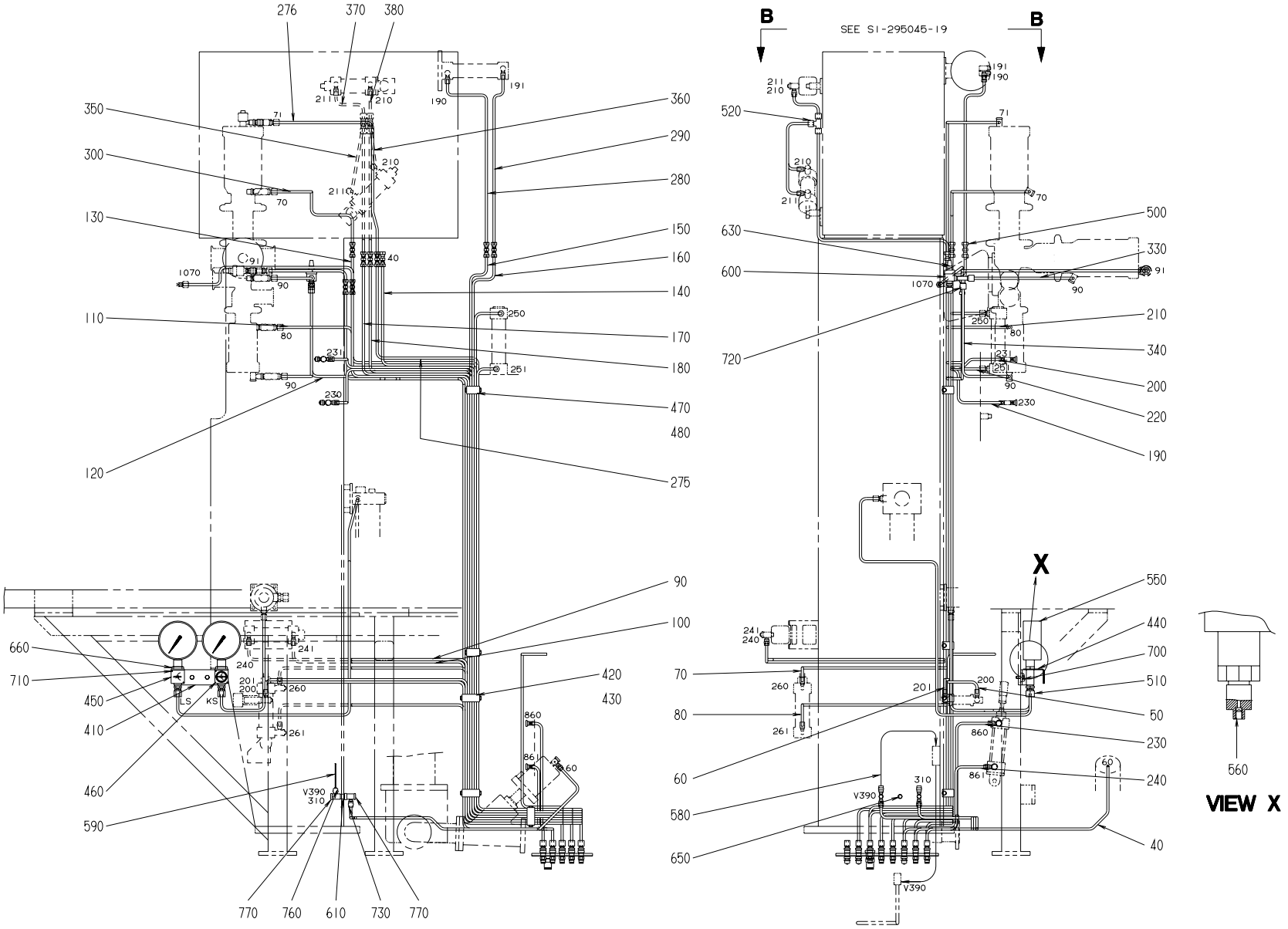
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
TBA PT19						
010	589464-0000	-		1	TUBE 212	
180	589465-0000	-		1	TUBE 210	
530	90030-0184	M		26	STRAIGHT CONNECTION GA-6-G1/8"	
540	90030-0187	M		1	STRAIGHT CONNECTION GA-12-G3/8"	
650	90330-0066	-		12	PLUG,EXTERNAL G-THREAD G1/8"	
710	312502-0120	-		4	DRIVE SCREW ROUND HEAD SMS 1549 KDS 0X5	
715	342722-0202	-		25	PIPE COUPLING 1/8" D=6mm	
725	342759-0102	-		1	L-PIPE CONNECTION,EVL,EXT,T-6-G1/8"	
730	342797-0121	-		3	BANJO CONNECTION,RINGPIECE 6-1/8"	
760	342980-0113	-		3	BANJO-CONNECTION,RING 6/4-G1/8"	
770	342980-0303	-		6	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
TBA NOPT						
180	578005-0000	-		1	TUBE 210	
530	90030-0184	M		33	STRAIGHT CONNECTION GA-6-G1/8"	
640	90330-0029	-		1	PLUG,EXTERNAL G-THREAD G3/8"	
650	90330-0066	-		8	PLUG,EXTERNAL G-THREAD G1/8"	
715	342722-0202	-		29	PIPE COUPLING 1/8" D=6mm	
730	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
760	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
770	342980-0303	-		4	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
Common parts						
020	577778-0000	-		1	TUBE 310	
030	577779-0000	-		1	TUBE V390	
045	1350159-0000	-		1	TUBE60	
050	577782-0000	-		1	TUBE 200	
060	577783-0000	-		1	TUBE 201	
070	577784-0000	-		1	TUBE260	
080	577785-0000	-		1	TUBE 261	
090	577786-0000	-		1	TUBE 240	
100	577787-0000	-		1	TUBE 241	
110	577788-0000	-		1	TUBE 80	
120	577789-0000	-		1	TUBE 90	
130	577790-0000	-		1	TUBE 70	
140	577791-0000	-		1	TUBE 40	
150	578002-0000	-		1	TUBE 190	
160	578003-0000	-		1	TUBE 191	
170	578004-0000	-		1	TUBE 211	
190	578006-0000	-		1	TUBE 230	
200	578007-0000	-		1	TUBE231	
210	578008-0000	-		1	TUBE 250	
220	578009-0000	-		1	TUBE 251	
230	578010-0000	-		1	TUBE 860	
240	578011-0000	-		1	TUBE 861	
250	578013-0000	-		2	TUBE 210 AND 211	
260	578015-0000	-		1	TUBE 1071	
270	578036-0000	-		1	PIPE	
275	580363-0000	-		1	PIPE 71	
276	580364-0000	-		1	PIPE 71	
277	581015-0000	-		1	PIPE 91	
278	581016-0000	-		1	PIPE 91	
279	979558-0000	-		1	TUBE 55	
280	578017-0000	-		1	TUBE 190	
290	578018-0000	-		1	TUBE 191	
300	578020-0000	-		1	TUBE 70	
310	578021-0000	-		1	TUBE 1071	
320	578029-0000	-		1	CONNECTION DEVICE	
330	577541-0000	-		1	TUBE 90	
340	577542-0000	-		1	TUBE 90	
350	578022-0000	-		1	TUBE 211	
360	578023-0000	-		1	TUBE 210	
370	578024-0000	-		1	TUBE 211	
380	578025-0000	-		1	TUBE 210	
390	578030-0000	-		1	GASKET	
400	578481-0000	-		1	PIPE	
410	33577-0000	-		1	CANTILEVER	
420	295604-0000	-		3	CRAMP	
430	295605-0000	-		3	BRACKET	
440	464173-0000	-		2	LABEL HOLDER	
450	464174-0000	-		1	SIGN	
460	464175-0000	-		1	SIGN	
470	578027-0000	-		3	CRAMP	
480	578028-0000	-		3	BRACKET	
500	90030-0075	M		9	PIPE CONNECTION G-6	
510	90030-0092	M		2	Straight Conn., 6-R1/4,ext. tappered	
520	90030-0164	-		2	T-pipe Conn. T6-LL	
550	90043-0034	K		2	PRESSURE GAUGE	
560	90043-0302	D		2	SCREW	
570	90157-0037	-	L	1	SEALING COMPOUND	
580	90166-0119	M	MM	2100	HOSE PUR 4/6 Black	
590	90166-0132	M	MM	1500	TUBE 6 mm PA,Transp.	
600	90235-0259	-		1	VALVE	
610	90330-0025	-		41	BUSHING,INT./EXT.R-THREAD R1/4"-Rp1/8"	
620	90330-0048	-		1	BUSHING,INT./EXT.R-THREAD R1/2"-Rp3/8"	
630	90328-0003	M		1	SILENCER	
660	90330-0105	-		2	PIPE PARTS,NUT,hexagon, R3/8	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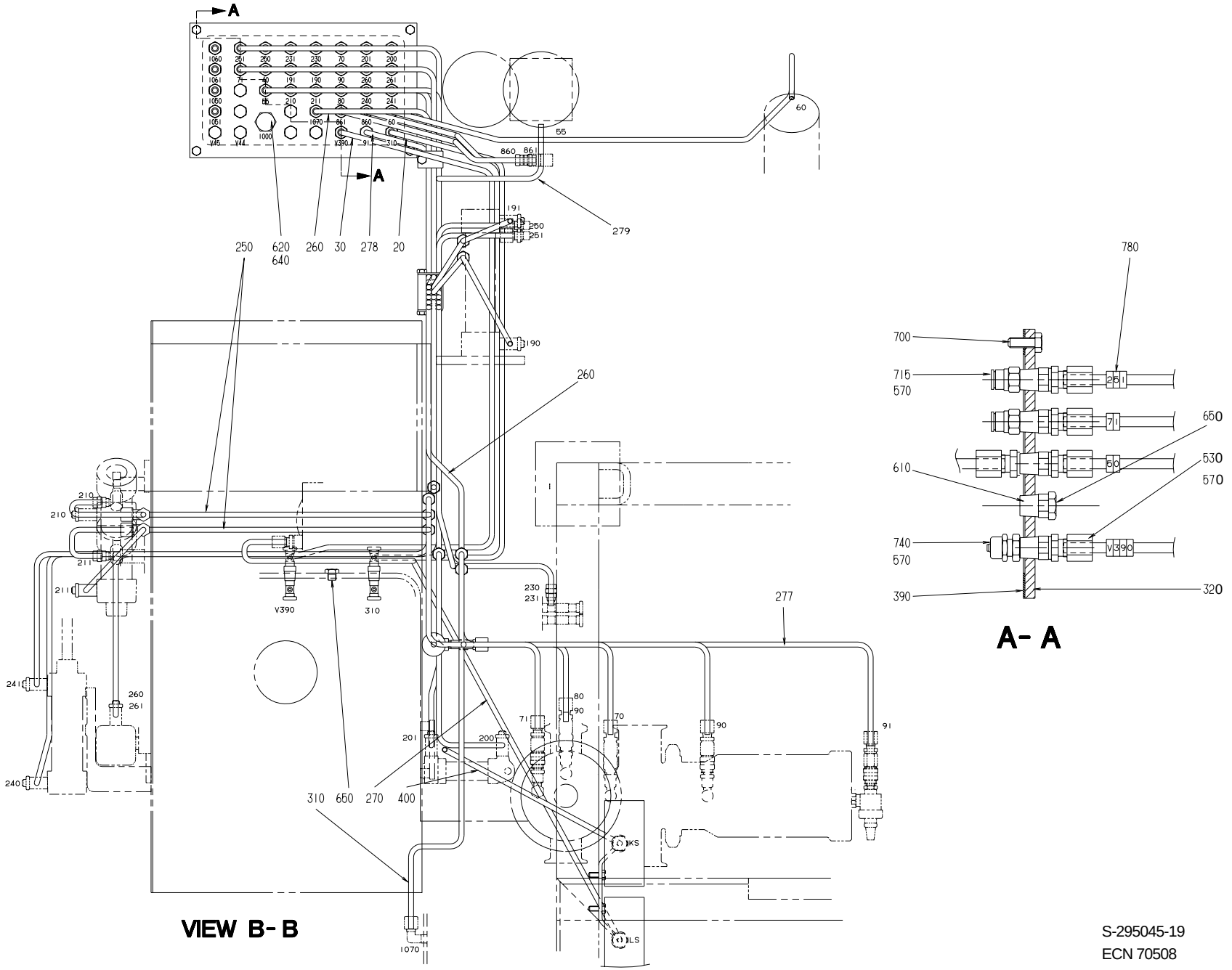
Pos	Part No	SP	UN	Qty	Description	Page No
TBA PT19						
010	589464-0000	-		1	TUBE 212	
180	589465-0000	-		1	TUBE 210	
530	90030-0184	M		26	STRAIGHT CONNECTION GA-6-G1/8"	
540	90030-0187	M		1	STRAIGHT CONNECTION GA-12-G3/8"	
650	90330-0066	-		12	PLUG,EXTERNAL G-THREAD G1/8"	
710	312502-0120	-		4	DRIVE SCREW ROUND HEAD SMS 1549 KDS 0X5	
715	342722-0202	-		25	PIPE COUPLING 1/8" D=6mm	
725	342759-0102	-		1	L-PIPE CONNECTION,EVL,EXT,T-6-G1/8"	
730	342797-0121	-		3	BANJO CONNECTION,RINGPIECE 6-1/8"	
760	342980-0113	-		3	BANJO-CONNECTION,RING 6/4-G1/8"	
770	342980-0303	-		6	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
TBA NOPT						
180	578005-0000	-		1	TUBE 210	
530	90030-0184	M		33	STRAIGHT CONNECTION GA-6-G1/8"	
640	90330-0029	-		1	PLUG,EXTERNAL G-THREAD G3/8"	
650	90330-0066	-		8	PLUG,EXTERNAL G-THREAD G1/8"	
715	342722-0202	-		29	PIPE COUPLING 1/8" D=6mm	
730	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
760	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
770	342980-0303	-		4	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
Common parts						
020	577778-0000	-		1	TUBE 310	
030	577779-0000	-		1	TUBE V390	
045	1350159-0000	-		1	TUBE60	
050	577782-0000	-		1	TUBE 200	
060	577783-0000	-		1	TUBE 201	
070	577784-0000	-		1	TUBE260	
080	577785-0000	-		1	TUBE 261	
090	577786-0000	-		1	TUBE 240	
100	577787-0000	-		1	TUBE 241	
110	577788-0000	-		1	TUBE 80	
120	577789-0000	-		1	TUBE 90	
130	577790-0000	-		1	TUBE 70	
140	577791-0000	-		1	TUBE 40	
150	578002-0000	-		1	TUBE 190	
160	578003-0000	-		1	TUBE 191	
170	578004-0000	-		1	TUBE 211	
190	578006-0000	-		1	TUBE 230	
200	578007-0000	-		1	TUBE231	
210	578008-0000	-		1	TUBE 250	
220	578009-0000	-		1	TUBE 251	
230	578010-0000	-		1	TUBE 860	
240	578011-0000	-		1	TUBE 861	
250	578013-0000	-		2	TUBE 210 AND 211	
260	578015-0000	-		1	TUBE 1071	
270	578036-0000	-		1	PIPE	
275	580363-0000	-		1	PIPE 71	
276	580364-0000	-		1	PIPE 71	
277	581015-0000	-		1	PIPE 91	
278	581016-0000	-		1	PIPE 91	
279	979558-0000	-		1	TUBE 55	
280	578017-0000	-		1	TUBE 190	
290	578018-0000	-		1	TUBE 191	
300	578020-0000	-		1	TUBE 70	
310	578021-0000	-		1	TUBE 1071	
320	578029-0000	-		1	CONNECTION DEVICE	
330	577541-0000	-		1	TUBE 90	
340	577542-0000	-		1	TUBE 90	
350	578022-0000	-		1	TUBE 211	
360	578023-0000	-		1	TUBE 210	
370	578024-0000	-		1	TUBE 211	
380	578025-0000	-		1	TUBE 210	
390	578030-0000	-		1	GASKET	
400	578481-0000	-		1	PIPE	
410	33577-0000	-		1	CANTILEVER	
420	295604-0000	-		3	CRAMP	
430	295605-0000	-		3	BRACKET	
440	464173-0000	-		2	LABEL HOLDER	
450	464174-0000	-		1	SIGN	
460	464175-0000	-		1	SIGN	
470	578027-0000	-		3	CRAMP	
480	578028-0000	-		3	BRACKET	
500	90030-0075	M		9	PIPE CONNECTION G-6	
510	90030-0092	M		2	Straight Conn., 6-R1/4,ext. tappered	
520	90030-0164	-		2	T-pipe Conn. T6-LL	
550	90043-0034	K		2	PRESSURE GAUGE	
560	90043-0302	D		2	SCREW	
570	90157-0037	-	L	1	SEALING COMPOUND	
580	90166-0119	M	MM	2100	HOSE PUR 4/6 Black	
590	90166-0132	M	MM	1500	TUBE 6 mm PA,Transp.	
600	90235-0259	-		1	VALVE	
610	90330-0025	-		41	BUSHING,INT./EXT.R-THREAD R1/4"-Rp1/8"	
620	90330-0048	-		1	BUSHING,INT./EXT.R-THREAD R1/2"-Rp3/8"	
630	90328-0003	M		1	SILENCER	
660	90330-0105	-		2	PIPE PARTS,NUT,hexagon, R3/8	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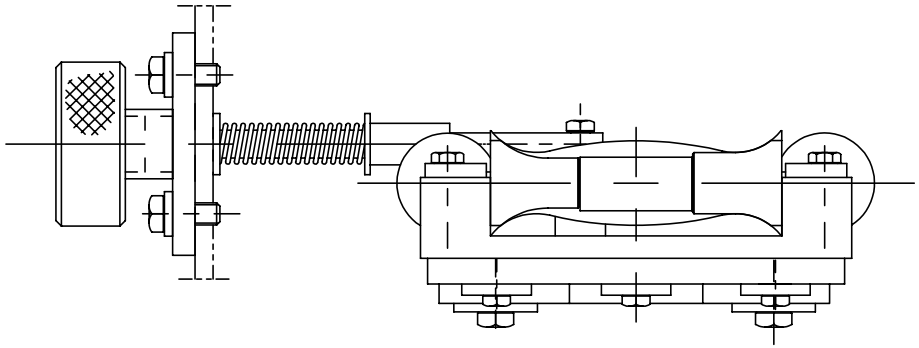
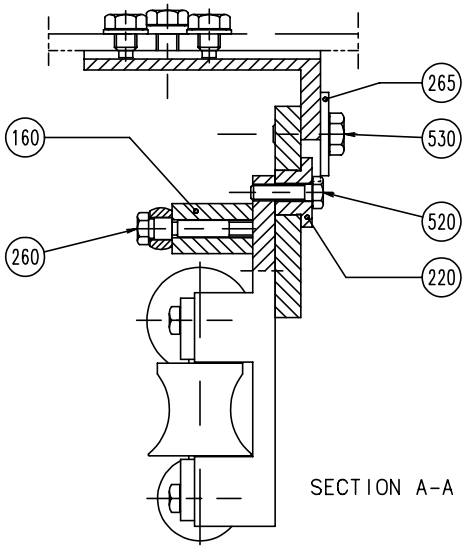
S-295045-19
ECN 70508

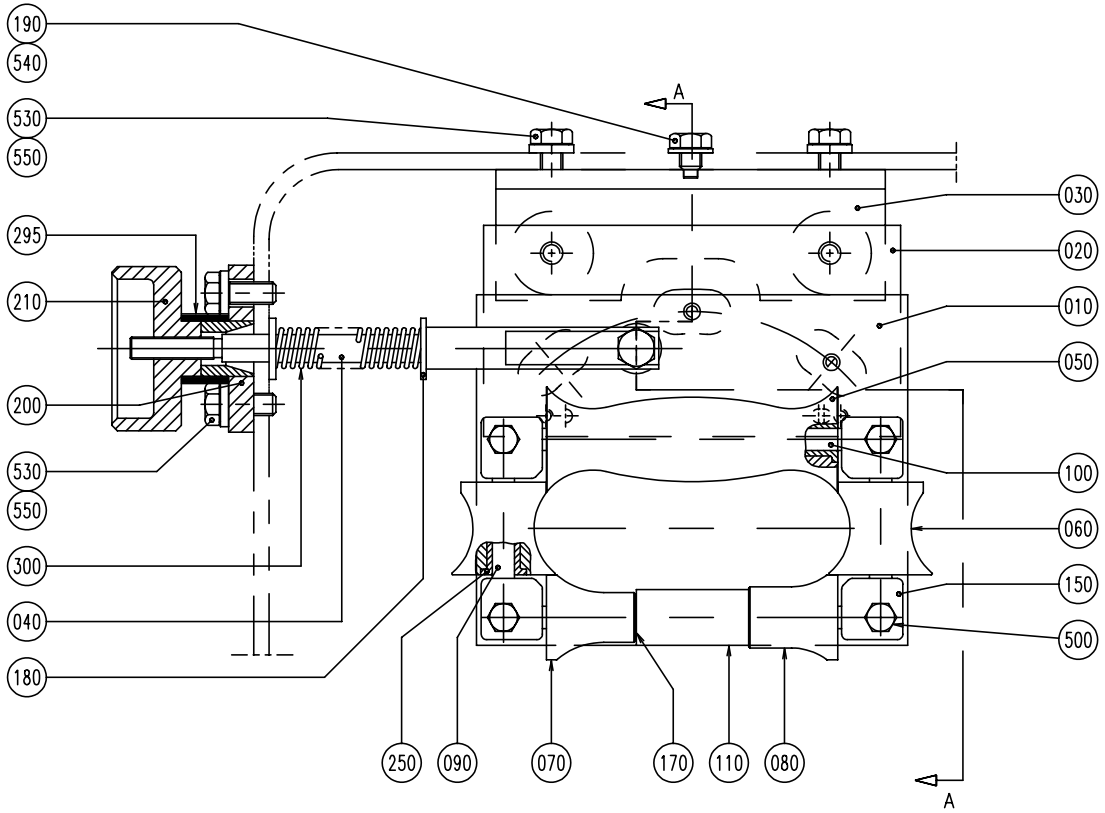
Pos	Part No	SP	UN	Qty	Description	Page No
690	312105-0364	-		12	SCREW M6S 6x10 A280	
700	312105-0368	-		6	SCREW M6S ISO 4017 M6x16 A280	
720	342751-0204	-		1	L-PIPE CONNECTION LE-6-R1/8"	
740	342921-0113	-		3	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
750	342722-0210	-		1	STRAIGHT COUPLING D=12-R3/8"	
780	359000-0400	-		61	MARKING CO2/4"0"	
780	359000-0401	-		63	MARKING COLLAR 2/4 "1" Yellow	
780	359000-0402	-		44	MARKING COLLAR 2/4 "2" Yellow	
780	359000-0403	-		12	MARKING COLLAR PA2/4 "3" Yellow	
780	359000-0404	-		12	MARKING COLLAR PA2/4 "4" Yellow	
780	359000-0405	-		8	MARKING CO2/4"5"	
780	359000-0406	-		14	MARKING COLLAR PA2/4 "6" Yellow	
780	359000-0407	-		12	MARKING COLLAR PA2/4 "7" Yellow	
780	359000-0408	-		12	MARKING COLLAR PA2/4 "8" Yellow	
780	359000-0409	-		18	MARKING COLLAR PA2/4 "9" Yellow	
780	359000-0771	-		4	MARKING CO2/4"V"	

Pos	Part No	SP	UN	Qty	Description	Page No

MOVABLE FORMING RING





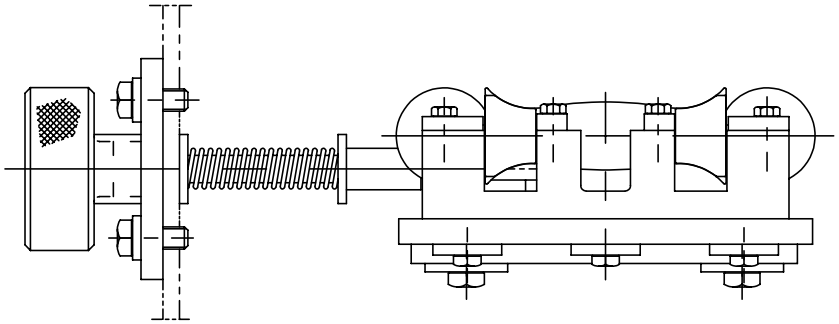


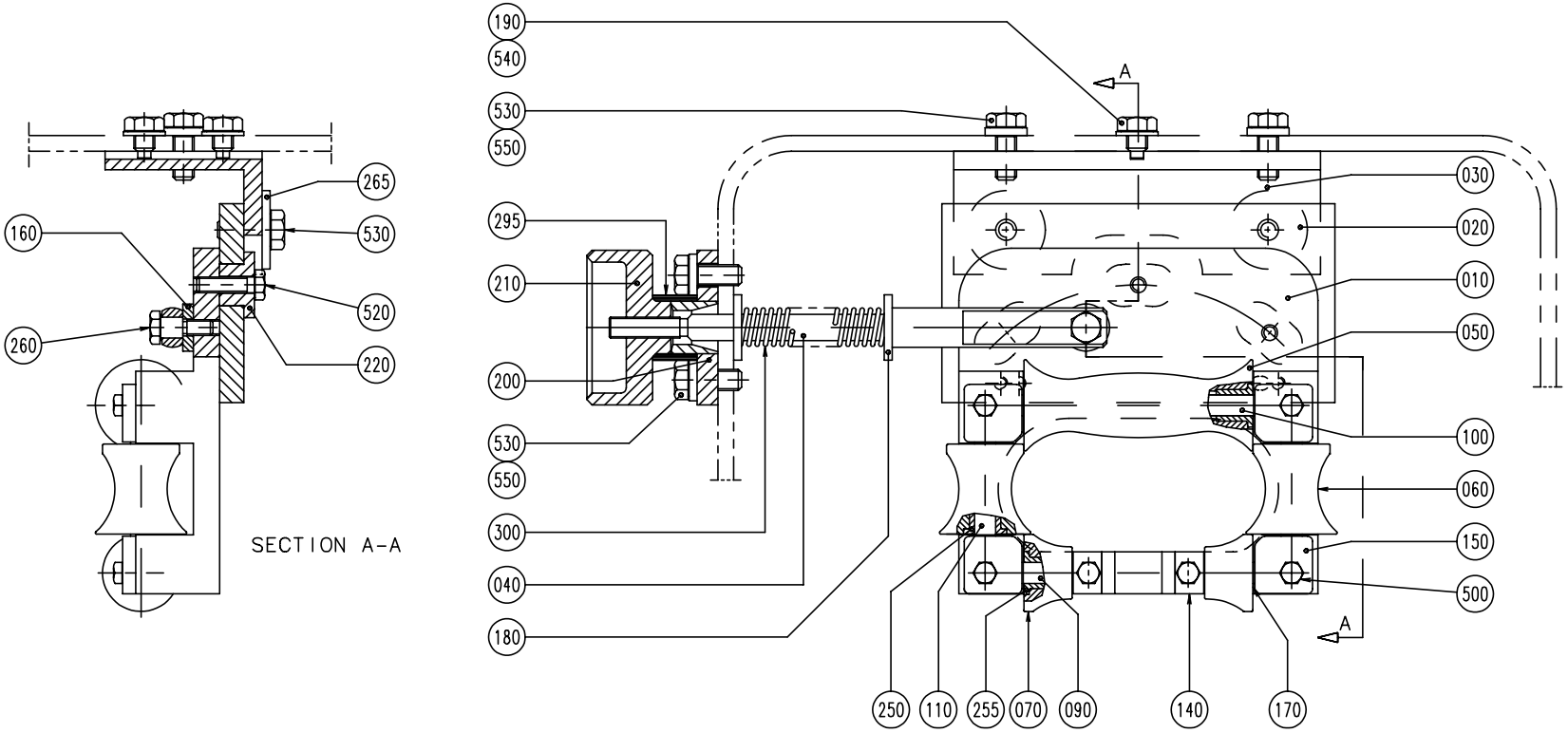
S-441304-4
ECN 70918

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S 010						
978792-0000 -				**1**	**PLATE**	
030	571535-0000	-		1	CANTILEVER	
050	751491-0000	D		1	ROLL	
060	751492-0000	D		2	ROLL	
075	1296913-0000	D		1	ROLL	
080	751494-0000	D		1	ROLL	
090	752186-0005	K		2	SHAFT	
100	752186-0009	K		1	SHAFT	
110	752187-0000	K		1	SHAFT	
250	90240-0172	F		10	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
500	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
Common parts						
020	751333-0000	-		1	SETTING PLATE	
040	256309-0000	K		1	SHAFT	
150	1279091-0000	-		4	LOCKING PLATE	
160	256312-0000	D		1	WASHER	
170	2033-0011	F		10	WASHER	
180	26490-0000	-		2	WASHER	
190	256280-0000	-		2	DOWEL	
200	571534-0000	-		1	PLATE	
210	257090-0000	D		1	SHIFTER HANDLE	
220	751334-0000	D		3	SPACER	
260	456042-0000	D		1	SCREW	
265	28037-0000	D		2	WASHER	
295	491153-0000	D		1	COMPRESSION GLAND	
300	90335-0008	D		1	SPRING	
520	312105-0371	-		3	SCREW M6S6X22RFR	
530	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
540	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
550	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

MOVABLE FORMING RING

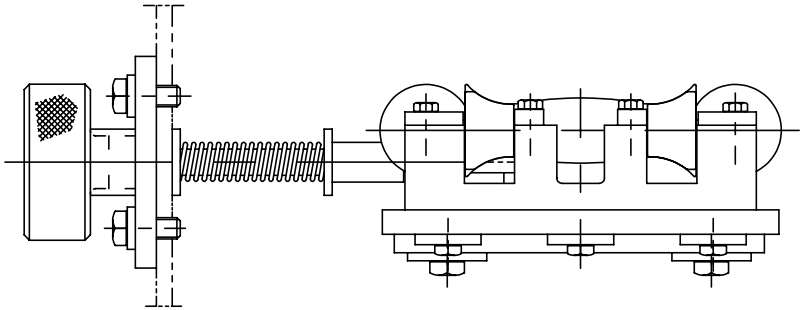


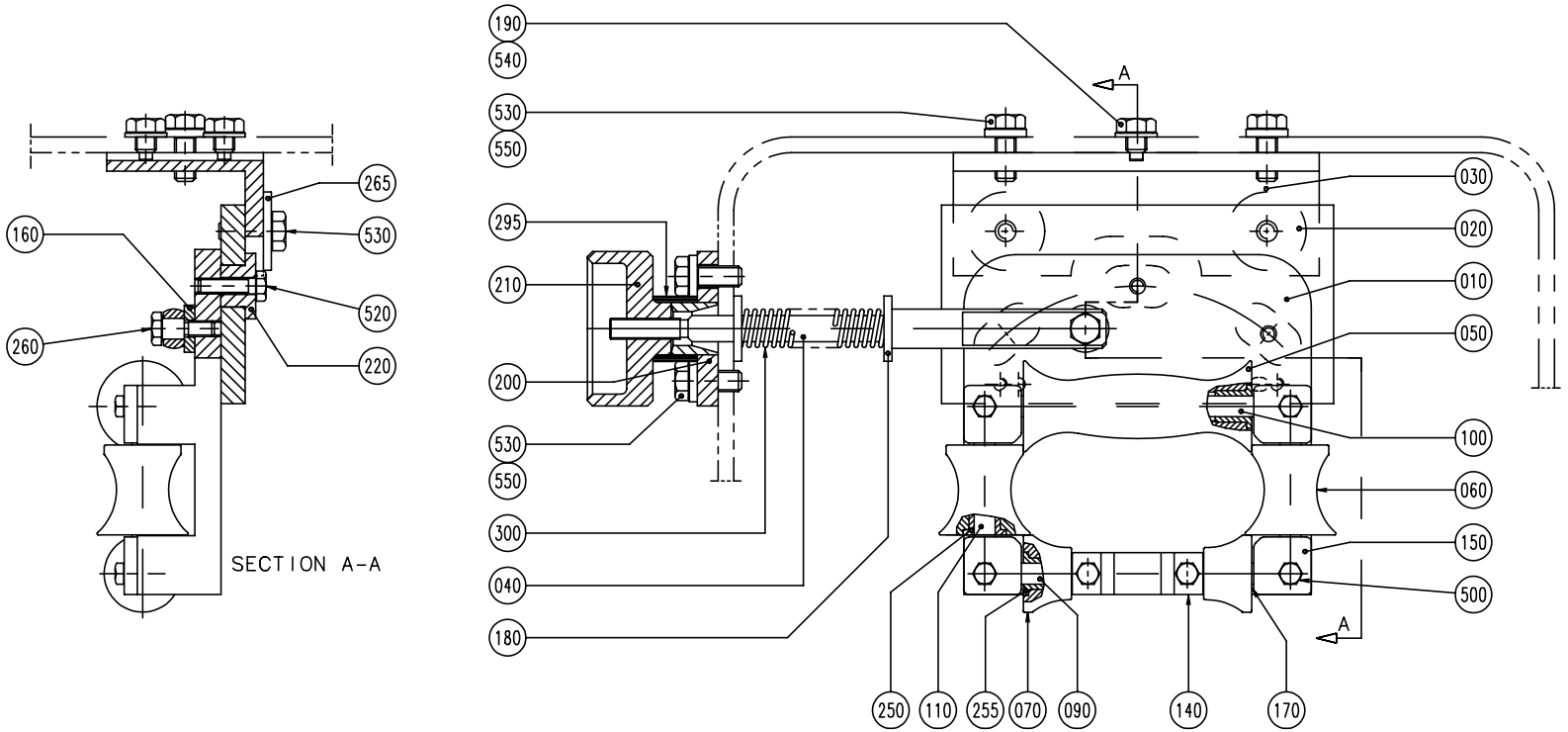


S-441304-5
ECN 70918

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0160S or TBA 0200S						
010	B 456905-0000	-		1	FASTENING PLATE	
030	571535-0000	-		1	CANTILEVER	
050	752126-0000	D		1	FORMING ROLLER	
060	752127-0000	D		2	FORMING ROLLER	
075	1296914-0000	D		1	ROLL	
080	752128-0000	D		1	FORMING ROLLER	
080	752128-0000	D		1	FORMING ROLLER	
090	752186-0002	K		2	SHAFT	
100	752186-0008	K		1	SHAFT	
110	752186-0006	K		2	SHAFT	
140	456907-0000	-		2	LOCK PLATE	
250	90240-0172	F		6	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
255	752156-0000	F		4	FLANGE BUSHING	
500	312105-0332	-		6	SCREW M6S5X22RFR	
Common parts						
020	751333-0000	-		1	SETTING PLATE	
040	256309-0000	K		1	SHAFT	
150	1279091-0000	-		4	LOCKING PLATE	
160	256312-0000	D		1	WASHER	
170	2033-0011	F		10	WASHER	
180	26490-0000	-		2	WASHER	
190	256280-0000	-		2	DOWEL	
200	571534-0000	-		1	PLATE	
210	257090-0000	D		1	SHIFTER HANDLE	
220	751334-0000	D		3	SPACER	
260	456042-0000	D		1	SCREW	
265	28037-0000	D		2	WASHER	
295	491153-0000	D		1	COMPRESSION GLAND	
300	90335-0008	D		1	SPRING	
520	312105-0371	-		3	SCREW M6S6X22RFR	
530	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
540	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
550	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No



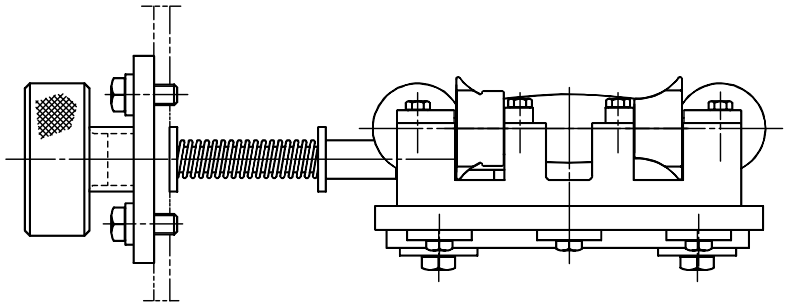


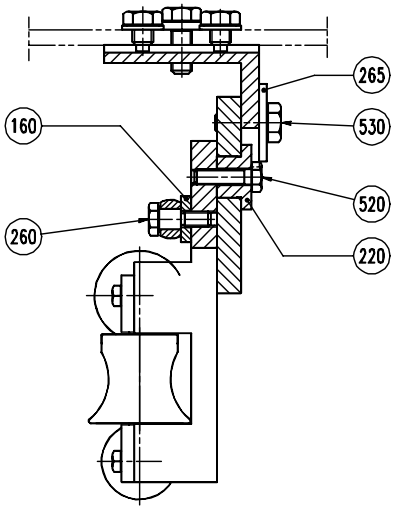
S-441304-6
ECN 70918

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200M or TBA 0250S						
010	B 574404-0000	-		1	BRACKET	
030	571535-0000	-		1	CANTILEVER	
050	574479-0000	D		1	ROLL	
060	574480-0000	D		2	ROLL	
075	1296915-0000	D		1	ROLL	
080	574481-0000	D		1	ROLL	
090	752186-0002	K		2	SHAFT	
100	752186-0008	K		1	SHAFT	
110	752186-0006	K		2	SHAFT	
140	1279087-0000	-		2	LOCKING PLATE	
250	90240-0172	F		6	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
255	752156-0000	F		4	FLANGE BUSHING	
500	312105-0332	-		6	SCREW M6S5X22RFR	
Common parts						
020	751333-0000	-		1	SETTING PLATE	
040	256309-0000	K		1	SHAFT	
150	1279091-0000	-		4	LOCKING PLATE	
160	256312-0000	D		1	WASHER	
170	2033-0011	F		10	WASHER	
180	26490-0000	-		2	WASHER	
190	256280-0000	-		2	DOWEL	
200	571534-0000	-		1	PLATE	
210	257090-0000	D		1	SHIFTER HANDLE	
220	751334-0000	D		3	SPACER	
260	456042-0000	D		1	SCREW	
265	28037-0000	D		2	WASHER	
295	491153-0000	D		1	COMPRESSION GLAND	
300	90335-0008	D		1	SPRING	
520	312105-0371	-		3	SCREW M6S6X22RFR	
530	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
540	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
550	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

MOVABLE FORMING RING





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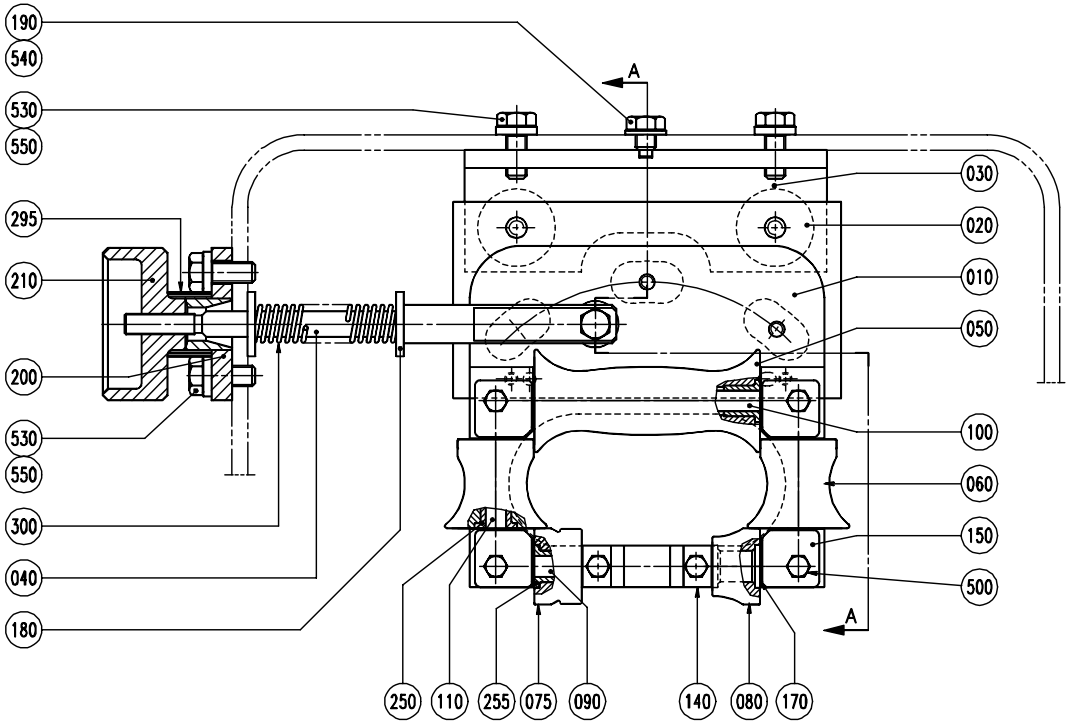
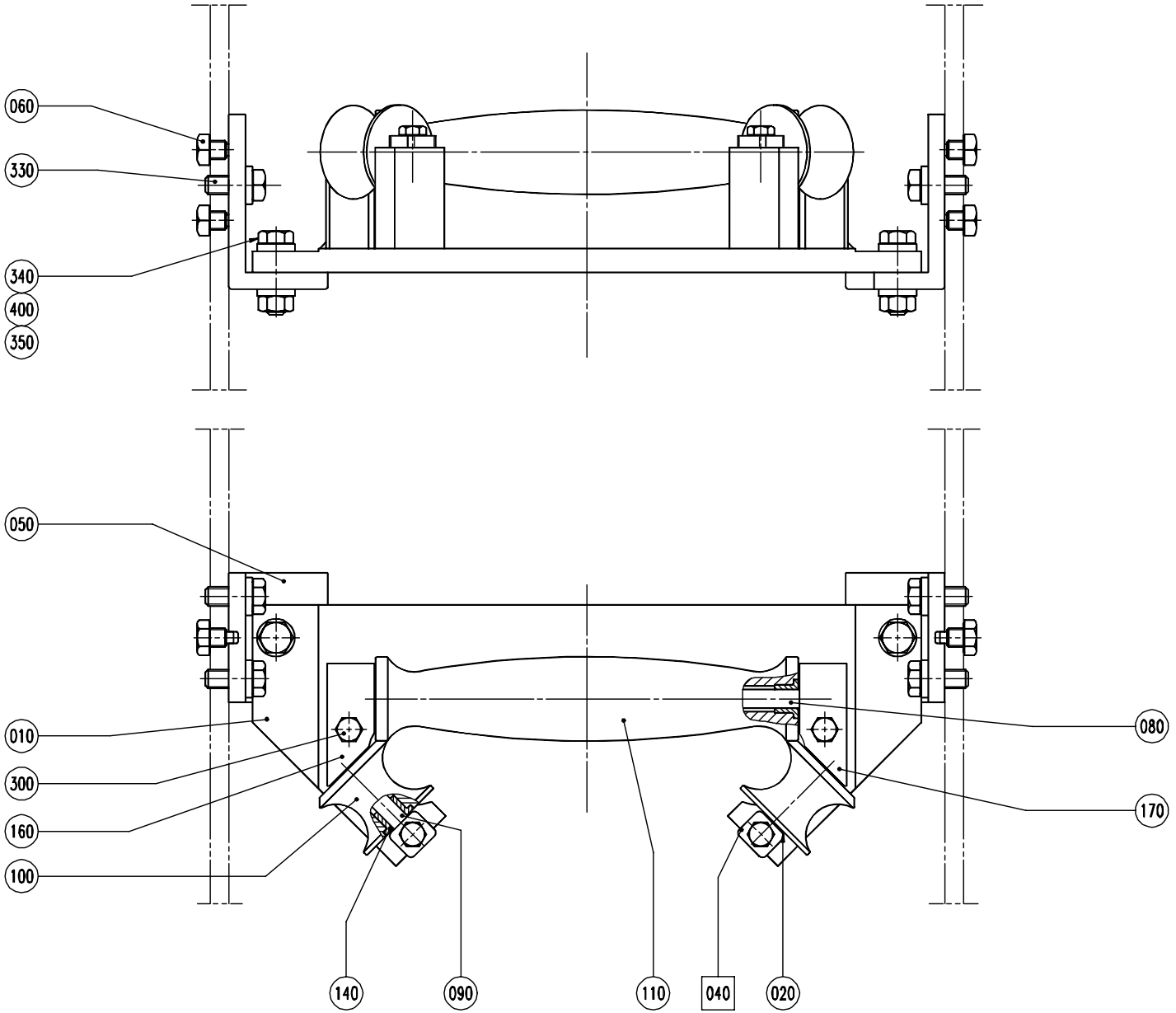


S-441304-7
ECN 70918

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
010	B 456905-0000	-		1	FASTENING PLATE	
030	571536-0000	-		1	CANTILEVER	
050	752141-0000	D		1	FORMING ROLLER	
060	752142-0000	D		2	FORMING ROLLER	
075	1296912-0000	D		1	ROLL	
080	752143-0000	D		1	FORMING ROLLER	
090	752186-0002	K		2	SHAFT	
100	752186-0008	K		1	SHAFT	
110	752186-0006	K		2	SHAFT	
140	456907-0000	-		2	LOCK PLATE	
250	90240-0172	F		6	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
255	752156-0000	F		4	FLANGE BUSHING	
500	312105-0332	-		6	SCREW M6S5X22RFR	
Common parts						
020	751333-0000	-		1	SETTING PLATE	
040	256309-0000	K		1	SHAFT	
150	1279091-0000	-		4	LOCKING PLATE	
160	256312-0000	D		1	WASHER	
170	2033-0011	F		10	WASHER	
180	26490-0000	-		2	WASHER	
190	256280-0000	-		2	DOWEL	
200	571534-0000	-		1	PLATE	
210	257090-0000	D		1	SHIFTER HANDLE	
220	751334-0000	D		3	SPACER	
260	456042-0000	D		1	SCREW	
265	28037-0000	D		2	WASHER	
295	491153-0000	D		1	COMPRESSION GLAND	
300	90335-0008	D		1	SPRING	
520	312105-0371	-		3	SCREW M6S6X22RFR	
530	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
540	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
550	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

UPPER TUBE SUPPORT

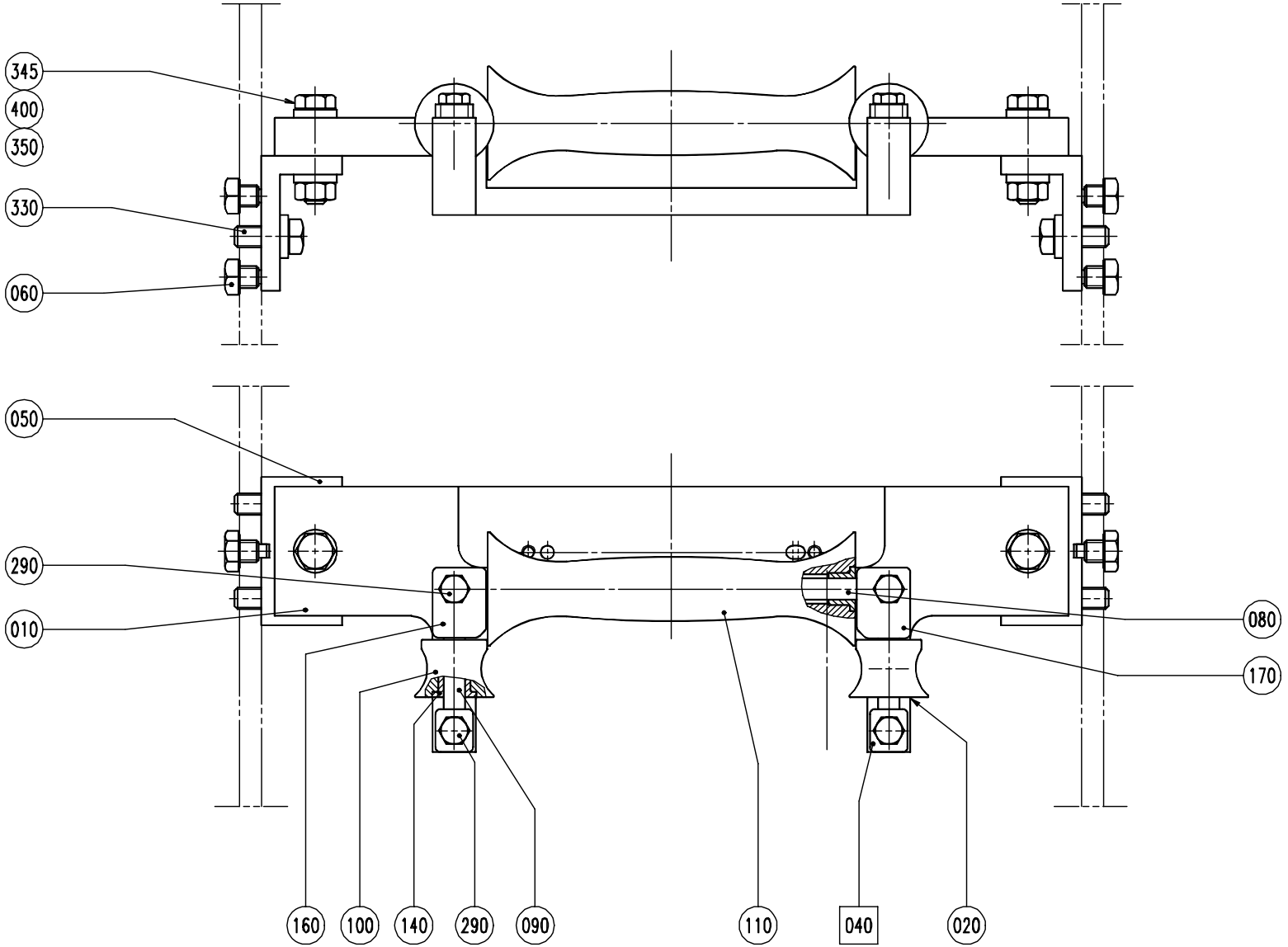


S-441307-4
ECN 70597

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0180B						
010	978791-0000	-		1	HOLDER	
050	751267-0000	-		2	CANTILEVER	
080	752186-0011	K		1	SHAFT	
090	752186-0004	K		2	SHAFT	
160	751287-0000	-		1	PLATE	
170	751288-0000	-		1	PLATE	
300	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
340	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	978791-0000	-		1	HOLDER	
050	751267-0000	-		2	CANTILEVER	
080	752186-0011	K		1	SHAFT	
090	752186-0004	K		2	SHAFT	
100	751284-0000	D		2	ROLL	
110	751283-0000	D		1	ROLL	
160	751287-0000	-		1	PLATE	
170	751288-0000	-		1	PLATE	
300	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
340	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
Common parts						
F040	A 565462-0100	-		1	LOCK PLATE.....	**94**
020	2033-0011	F		6	WASHER	
060	256280-0000	-		4	DOWEL	
140	90240-0172	F		6	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
330	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
350	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
400	315115-0165	-		8	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

UPPER TUBE SUPPORT

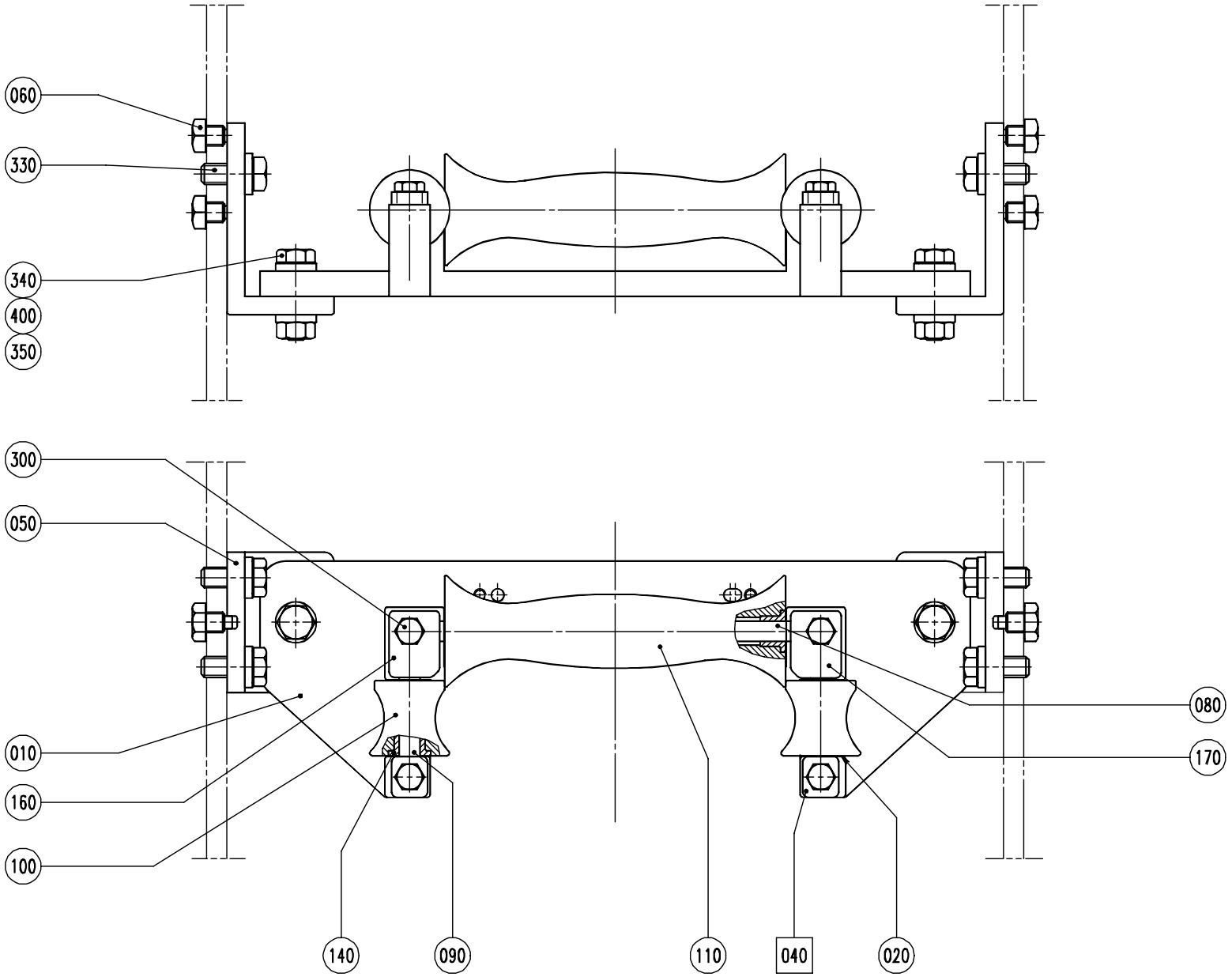


S-441307-5
ECN 70591

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
010	469078-0000	-		1	HOLDER	
050	256279-0000	-		2	ANGLE	
080	752186-0010	K		1	SHAFT	
090	752186-0001	K		2	SHAFT	
100	752145-0000	D		2	FORMING ROLLER	
110	752144-0000	D		1	FORMING ROLLER	
160	1279089-0000	-		1	LOCKING PLATE	
170	1279088-0000	-		1	LOCKING PLATE	
290	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
345	312105-0457	-		2	SCREW ISO 4017 M8x35 A280	
Common parts						
F040	A 565462-0100	-		1	LOCK PLATE	**94**
020	2033-0011	F		6	WASHER	
060	256280-0000	-		4	DOWEL	
140	90240-0172	F		6	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
330	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
350	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
400	315115-0165	-		8	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

UPPER TUBE SUPPORT



S-441307-6
ECN 71244

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0160S or TBA 0200S						
010	B 469041-0000	-		1	HOLDER	
050	469047-0000	-		2	ANGLE	
080	752186-0010	K		1	SHAFT	
090	752186-0004	K		2	SHAFT	
100	752130-0000	D		2	FORMING ROLLER	
110	752129-0000	D		1	FORMING ROLLER	
160	1279089-0000	-		1	LOCKING PLATE	
170	1279088-0000	-		1	LOCKING PLATE	
300	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
340	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
TBA 0200M or TBA 0250S						
010	B 574416-0000	-		1	BRACKET	
050	469047-0000	-		2	ANGLE	
080	752186-0010	K		1	SHAFT	
090	752186-0012	K		2	SHAFT	
100	574418-0000	D		2	ROLL	
110	574417-0000	D		1	ROLL	
160	1279089-0000	-		1	LOCKING PLATE	
170	1279088-0000	-		1	LOCKING PLATE	
300	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
340	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
Common parts						
F040	A 565462-0100	-		1	LOCK PLATE	**94**
020	2033-0011	F		6	WASHER	
060	256280-0000	-		4	DOWEL	
140	90240-0172	F		6	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
330	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
350	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
400	315115-0165	-		8	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

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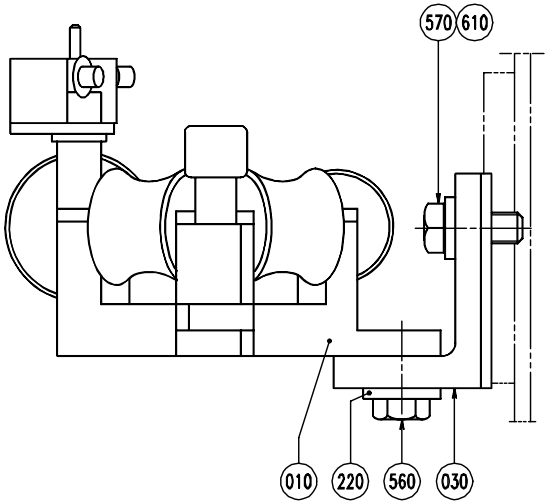
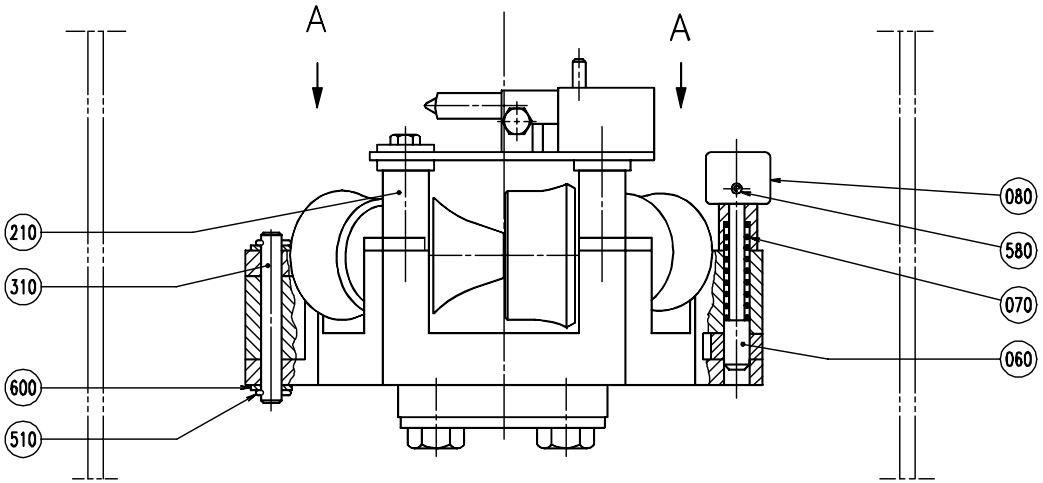
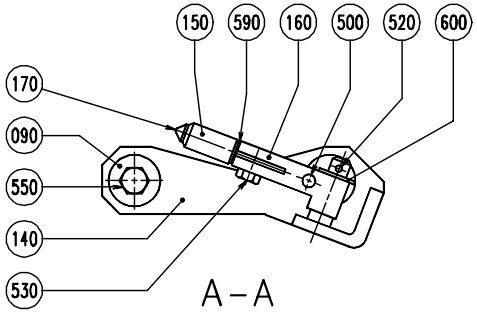
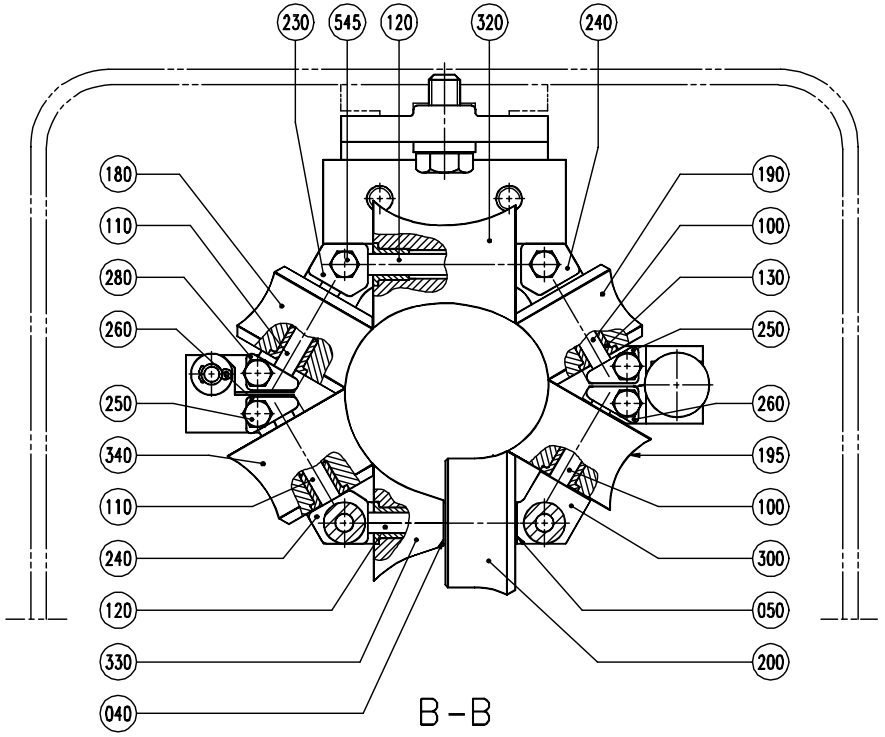
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
020	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
020	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
Common parts						
010	1279087-0000	-		2	LOCKING PLATE	

Pos	Part No	SP	UN	Qty	Description	Page No





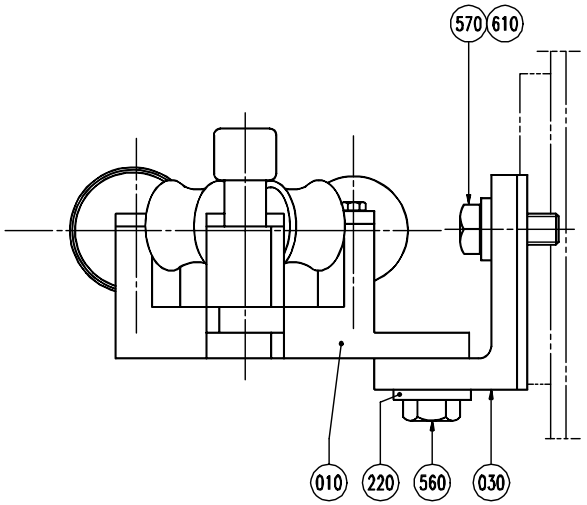


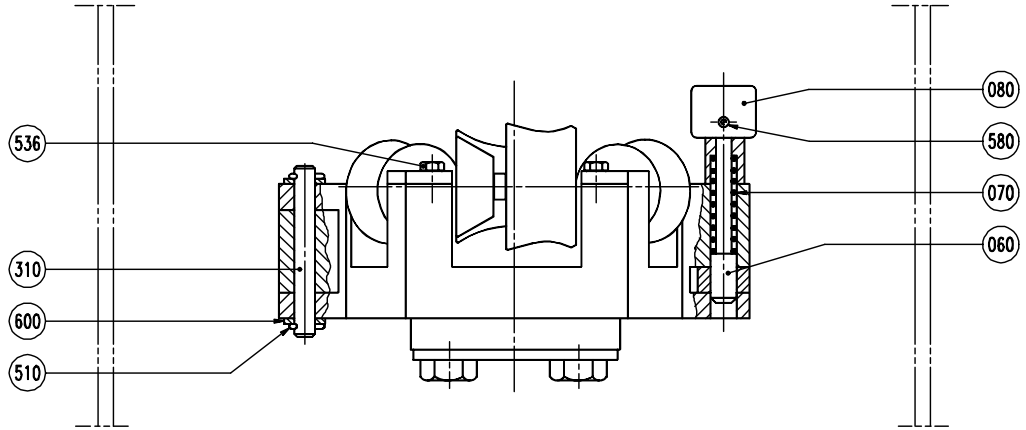


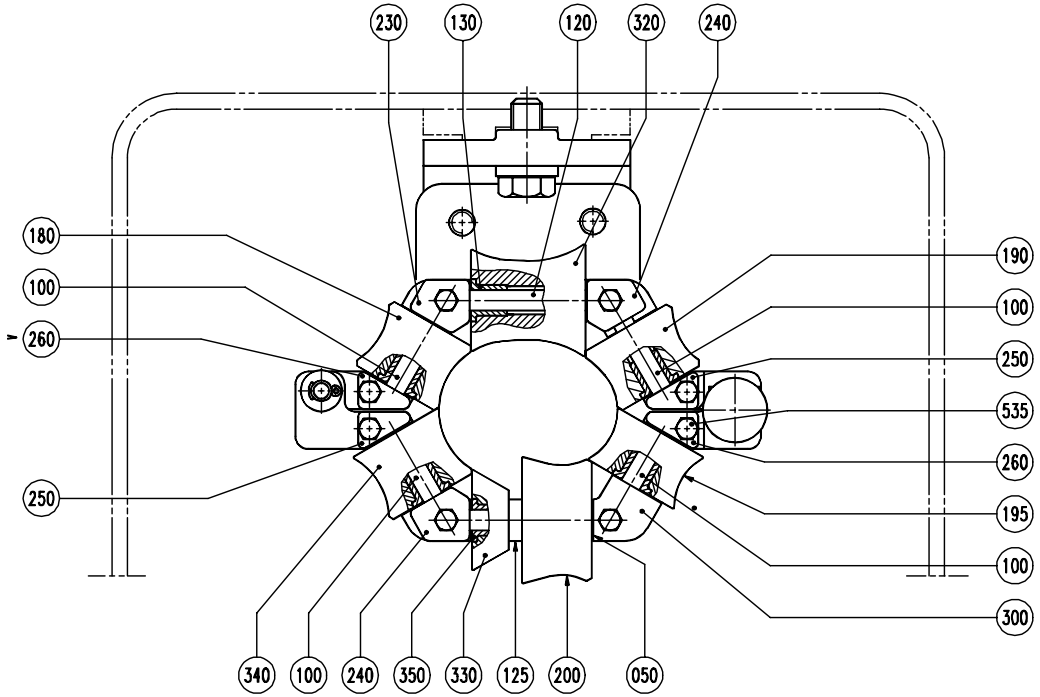
S-441486-7
ECN 70597

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	978790-0000	-		1	BRACKET	
040	2033-0008	F		2	WASHER	
050	2033-0011	F		12	WASHER	
090	257175-0000	D		4	WASHER	
100	752186-0004	K		2	SHAFT	
110	752186-0005	K		2	SHAFT	
120	752186-0007	K		2	SHAFT	
130	90240-0172	F		14	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
140	441918-0000	-		1	BRACKET	
150	451117-0000	F		1	ROLL	
160	451148-0000	-		1	BRACKET	
170	451149-0000	J		1	SHAFT	
180	751499-0000	D		1	ROLL	
190	751497-0000	D		1	ROLL	
195	751496-0000	D		1	ROLL	
200	751495-0000	D		1	ROLL	
210	456181-0000	-		2	SPACER	
300	456199-0000	-		1	LOCK PLATE	
320	751498-0000	D		1	ROLL	
330	751501-0000	D		1	ROLL	
340	751500-0000	D		1	ROLL	
500	311103-0312	-		1	PINS,STRAIGHT 5X25	
520	311411-0165	-		1	SPLIT PIN SP2,5X16RFR	
530	312105-0325	-		1	SCREW M6S 5x10 A2 80	
540	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
545	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
550	312105-0381	-		2	SCREW M6S ISO 4014 M6x55 A280	
590	315105-0136	-		1	WASHER,PLAIN ROUND 4,3x8 Stainless	
600	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
Common parts						
030	456230-0000	-		1	ANGLE BRACKET	
060	35918-0000	D		1	SHAFT	
070	35919-0000	D		1	COMPRESSION SPRING	
080	36325-0000	-		1	KNOB	
220	456182-0000	-		1	PLATE	
230	1279086-0000	-		1	LOCKING PLATE	
240	1279090-0000	-		2	LOCKING PLATE	
250	1279093-0000	-		2	LOCKING PLATE	
260	1279094-0000	-		2	LOCKING PLATE	
310	751318-0000	D		1	SHAFT	
510	311411-0150	-		2	SPLIT PIN SP2X12RFR	
560	312105-0495	-		2	SCREW M6S ISO 4017 M10X30 A280	
570	312105-0536	-		1	SCREW M6S ISO 4017 M12X30 A280	
580	312318-0285	-		1	STOP SCREW ISO 4029 M4x6 A4	
610	315115-0178	-		1	WASHER TBRB 13x24 Stainless	

DIVIDED FORMING RING



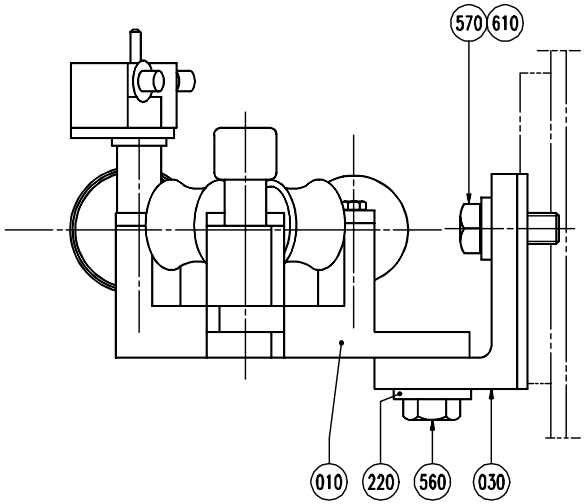


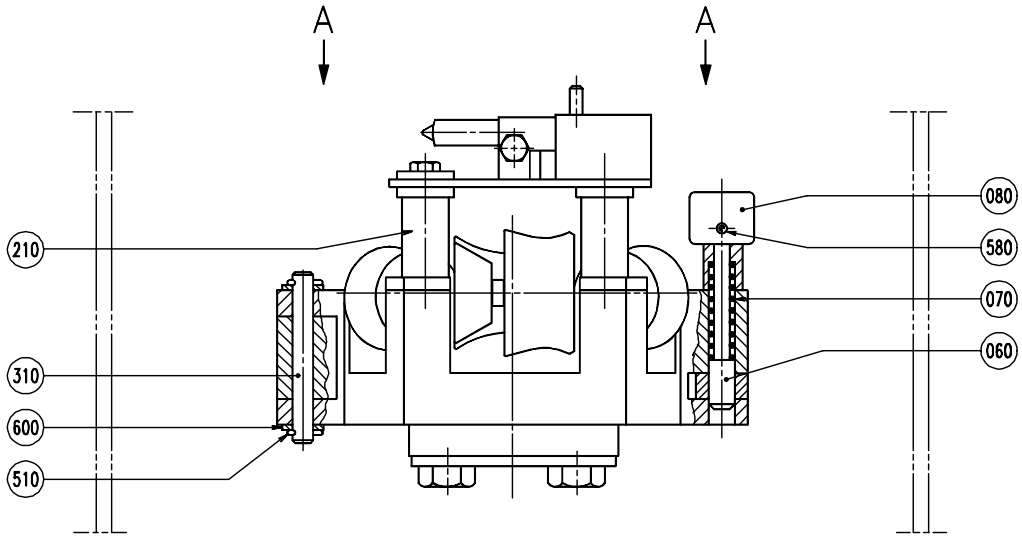


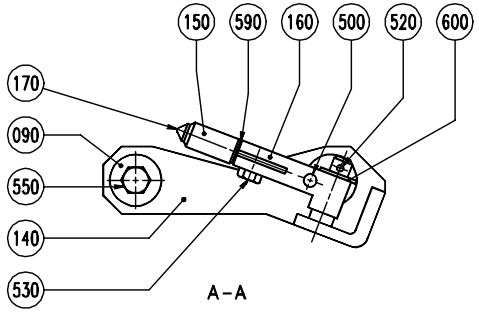
S-441486-8
ECN 71244

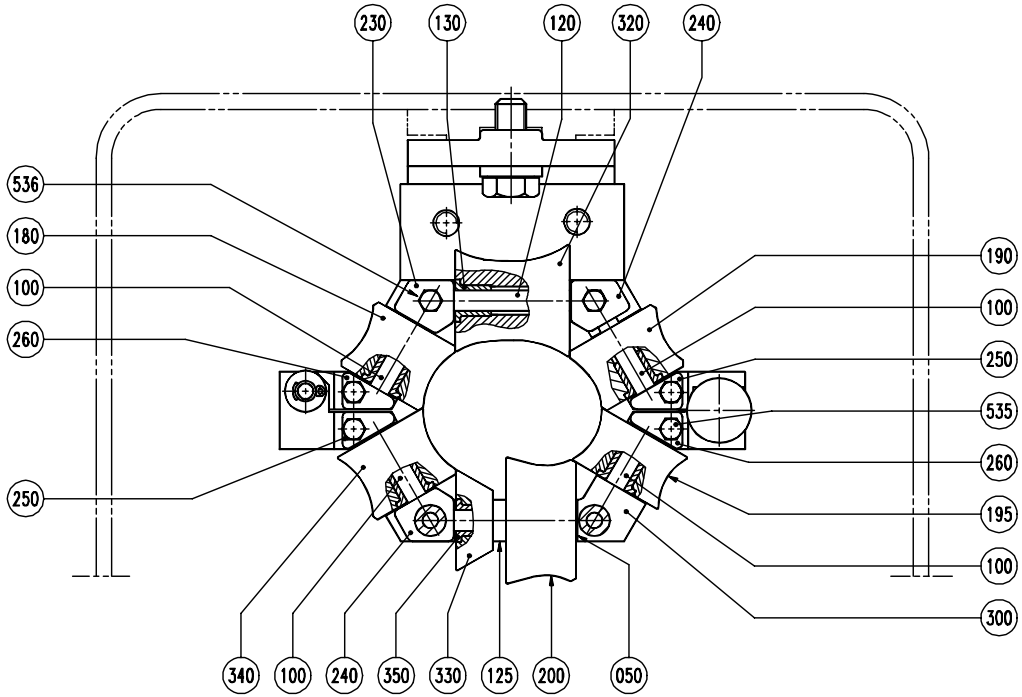
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
010	469745-0000	-		1	BRACKET	
050	2033-0011	F		14	WASHER	
100	752186-0003	K		4	SHAFT	
120	752186-0006	-		1	SHAFT	
125	752185-0000	K		1	SHAFT	
130	90240-0172	F		12	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
180	752147-0000	D		1	FORMING ROLLER	
190	752148-0000	D		1	FORMING ROLLER	
195	752150-0000	D		1	FORMING ROLLER	
200	752151-0000	D		1	FORMING ROLLER	
300	456872-0000	-		1	LOCK PLATE	
320	752146-0000	D		1	FORMING ROLLER	
330	752152-0000	D		1	FORMING ROLLER	
340	752149-0000	D		1	FORMING ROLLER	
350	752156-0000	F		2	FLANGE BUSHING	
535	312105-0329	-		4	SCREW M6S ISO 4017 M5x16 A280	
536	312105-0332	-		4	SCREW M6S5X22RFR	
600	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
TBA 0160S or TBA 0200S						
010	469745-0000	-		1	BRACKET	
050	2033-0011	F		14	WASHER	
100	752186-0003	K		4	SHAFT	
120	752186-0006	-		1	SHAFT	
125	752185-0000	K		1	SHAFT	
130	90240-0172	F		12	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
180	752132-0000	D		1	FORMING ROLLER	
190	752133-0000	D		1	FORMING ROLLER	
195	752135-0000	D		1	FORMING ROLLER	
200	752136-0000	D		1	FORMING ROLLER	
300	456872-0000	-		1	LOCK PLATE	
320	752131-0000	D		1	FORMING ROLLER	
330	752137-0000	D		1	FORMING ROLLER	
340	752134-0000	D		1	FORMING ROLLER	
350	752156-0000	F		2	FLANGE BUSHING	
535	312105-0329	-		4	SCREW M6S ISO 4017 M5x16 A280	
536	312105-0332	-		4	SCREW M6S5X22RFR	
600	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
Common parts						
030	456230-0000	-		1	ANGLE BRACKET	
060	35918-0000	D		1	SHAFT	
070	35919-0000	D		1	COMPRESSION SPRING	
080	36325-0000	-		1	KNOB	

Pos	Part No	SP	UN	Qty	Description	Page No
220	456182-0000	-		1	PLATE	
230	1279086-0000	-		1	LOCKING PLATE	
240	1279090-0000	-		2	LOCKING PLATE	
250	1279093-0000	-		2	LOCKING PLATE	
260	1279094-0000	-		2	LOCKING PLATE	
310	751318-0000	D		1	SHAFT	
510	311411-0150	-		2	SPLIT PIN SP2X12RFR	
560	312105-0495	-		2	SCREW M6S ISO 4017 M10X30 A280	
570	312105-0536	-		1	SCREW M6S ISO 4017 M12X30 A280	
580	312318-0285	-		1	STOP SCREW ISO 4029 M4x6 A4	
610	315115-0178	-		1	WASHER TBRB 13x24 Stainless	







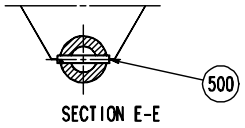


S-441486-9
ECN 70754

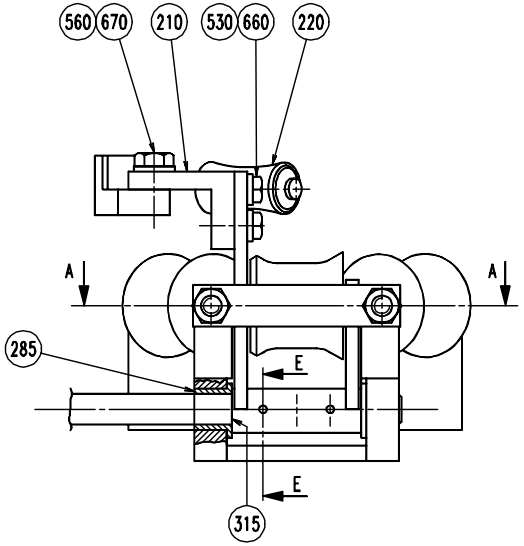
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200M or TBA 0250S						
010	574396-0000	-		1	BRACKET	
050	2033-0011	F		14	WASHER	
090	257175-0000	D		4	WASHER	
100	752186-0004	K		4	SHAFT	
120	752186-0006	-		1	SHAFT	
125	574395-0000	K		1	SHAFT	
130	90240-0172	F		12	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
140	574456-0000	-		1	BRACKET	
150	451117-0000	F		1	ROLL	
160	451148-0000	-		1	BRACKET	
170	451149-0000	J		1	SHAFT	
180	574397-0000	D		1	ROLL	
190	574399-0000	D		1	ROLL	
195	574400-0000	D		1	ROLL	
200	574401-0000	D		1	ROLL	
210	456181-0000	-		2	SPACER	
300	574393-0000	-		1	LOCK PLATE	
Common parts						
030	456230-0000	-		1	ANGLE BRACKET	
060	35918-0000	D		1	SHAFT	
070	35919-0000	D		1	COMPRESSION SPRING	
080	36325-0000	-		1	KNOB	
220	456182-0000	-		1	PLATE	
230	1279086-0000	-		1	LOCKING PLATE	
240	1279090-0000	-		2	LOCKING PLATE	
250	1279093-0000	-		2	LOCKING PLATE	
260	1279094-0000	-		2	LOCKING PLATE	
310	751318-0000	D		1	SHAFT	
510	311411-0150	-		2	SPLIT PIN SP2X12RFR	
560	312105-0495	-		2	SCREW M6S ISO 4017 M10X30 A280	
570	312105-0536	-		1	SCREW M6S ISO 4017 M12X30 A280	
580	312318-0285	-		1	STOP SCREW ISO 4029 M4x6 A4	
610	315115-0178	-		1	WASHER TBRB 13x24 Stainless	

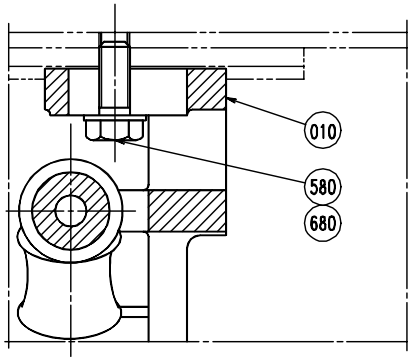
Pos	Part No	SP	UN	Qty	Description	Page No

LOWER FORMING RING

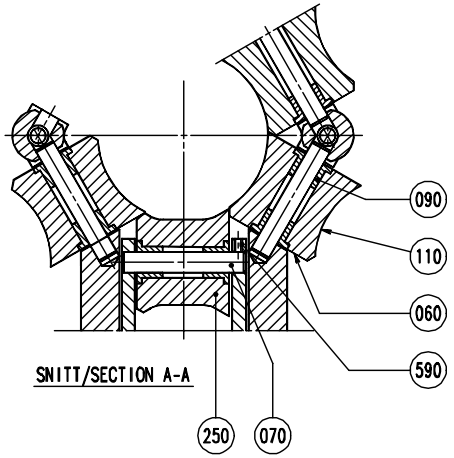


SECTION E-E

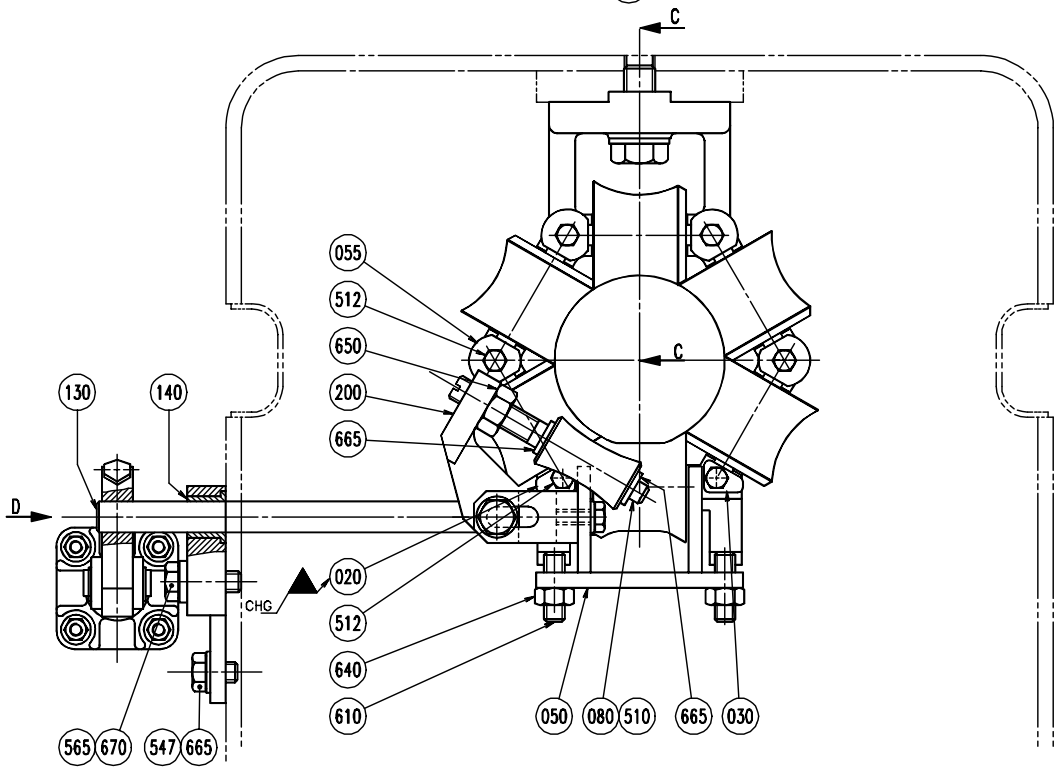


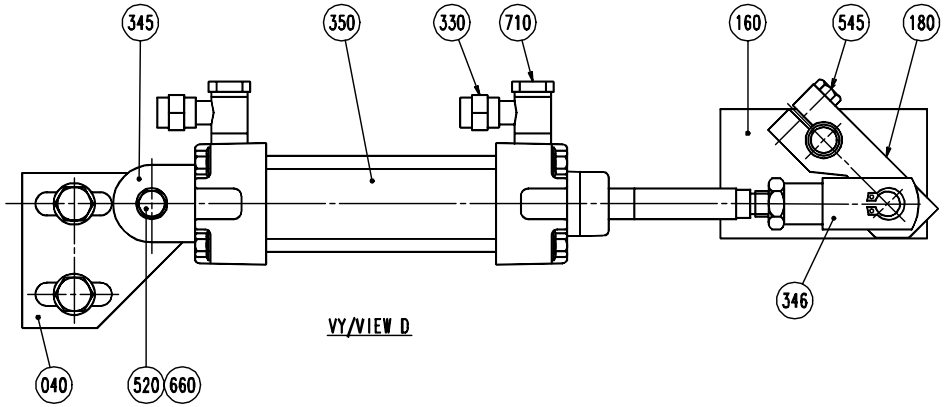


SNITT/SECTION C-C



SNITT/SECTION A-A

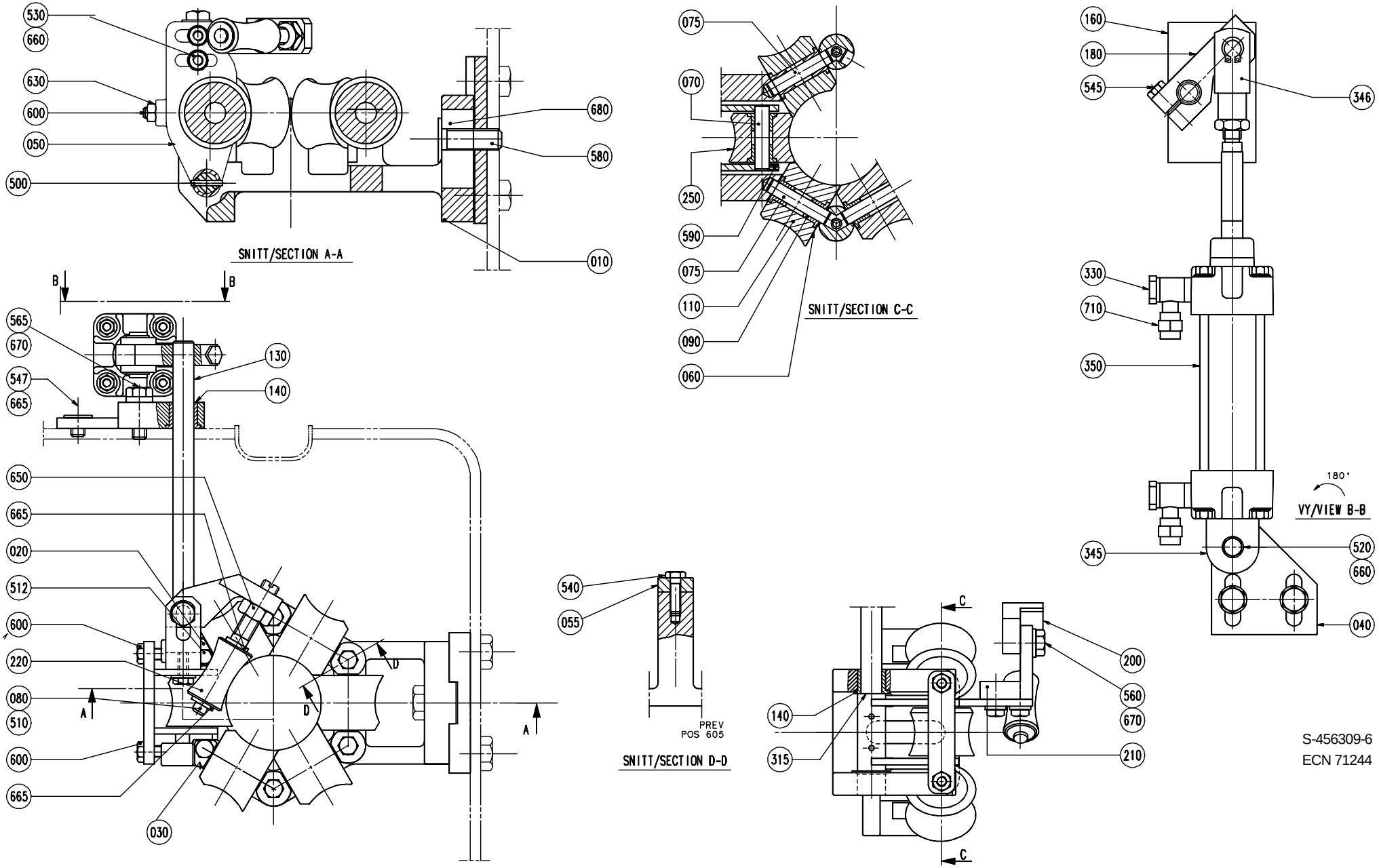




VY/VIEW D

S-456309-5
ECN 70597

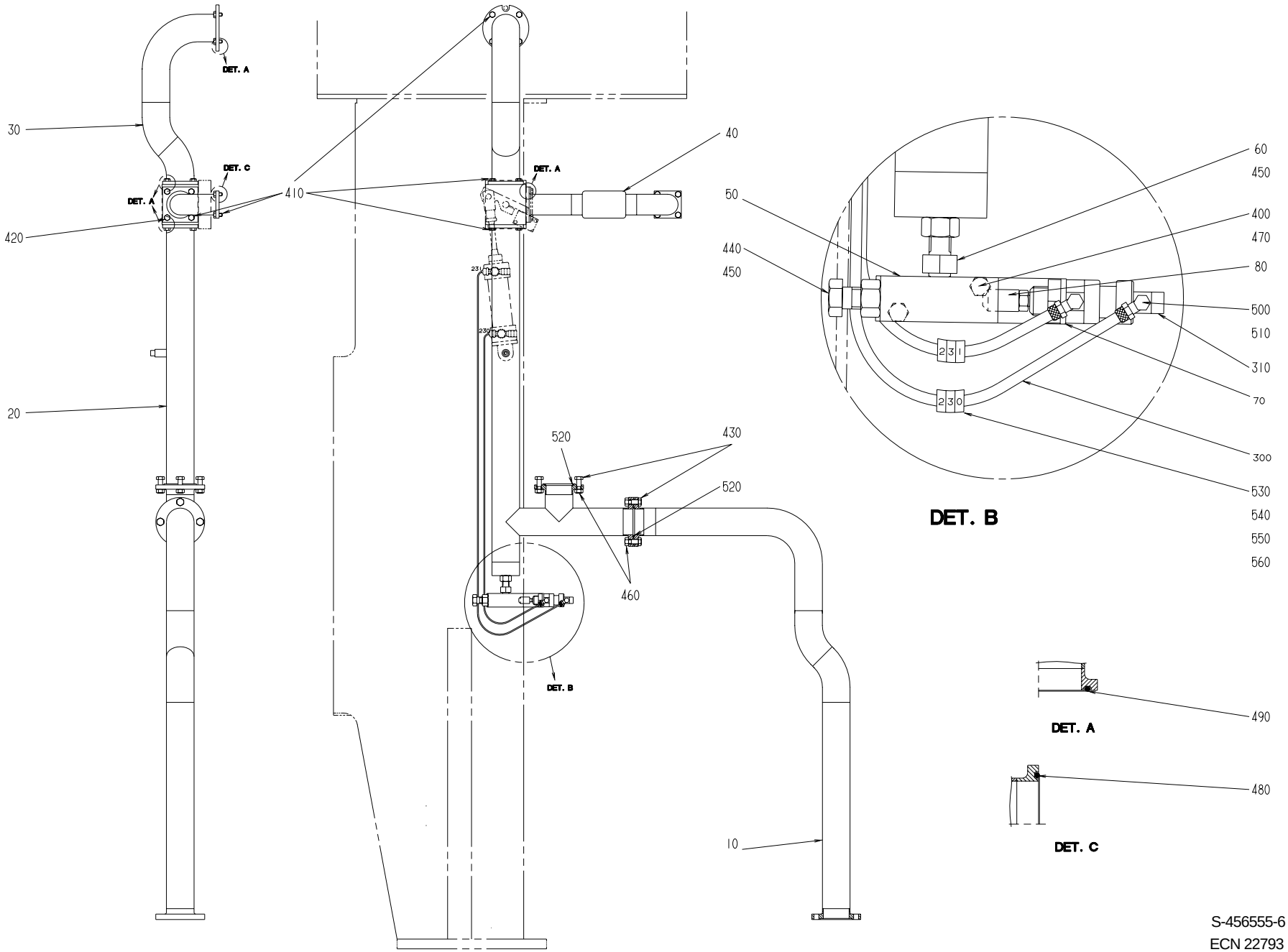
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	490518-0000	-		1	HOLDER	
050	257040-0000	-		1	FORK	
070	752186-0005	K		6	SHAFT	
110	751502-0000	D		5	ROLLER	
140	255970-0000	K		1	BUSHING	
160	571543-0000	-		1	BEARING PLATE	
250	B 751503-0000	G		1	COUNTER ROLLER	
285	752047-0000	K		2	BUSHING	
512	312105-0331	-		6	SCREW M6S ISO 4017 M5X20 A280	
610	312318-0451	-		2	SET SCREW CUP POINT ISO 4029 M8X20 RFR	
640	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
Common parts						
020	1279095-0000	-		1	LOCKING PLATE	
030	1279096-0000	-		1	LOCKING PLATE	
040	491022-0000	-		1	CYLINDER BRACKET	
055	1279092-0000	-		4	LOCKING PLATE	
060	2033-0011	F		12	WASHER	
080	239440-0000	J		1	SHAFT	
090	90240-0172	F		12	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
130	255969-0000	K		1	SHAFT	
180	441483-0000	-		1	CYLINDER BRACKET	
200	257042-0000	-		1	BRACKET	
210	257043-0000	-		1	ANGLE BRACKET	
220	257044-0000	I		1	ROLL	
315	752038-0000	D		4	SHIM	
330	90235-0274	D		2	THROTTLE CHECK VALVES,G1/8"	
345	90239-0453	D		1	BRACKET	
346	90239-0516	M		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
350	B 90239-0779	M		1	CYLINDER	
500	311103-0238	-		2	PIN,STRAIGHT 3x20	
510	311411-0140	-		1	SPLIT PIN SP1,6X16RFR	
520	312105-0364	-		1	SCREW M6S 6x10 A280	
530	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
545	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
547	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
560	312105-0451	-		1	SCREW M6S ISO 4017 8x20 A280	
565	312105-0453	-		2	SCREW M6S ISO 4017 M8x25 A280	
580	312105-0536	-		1	SCREW M6S ISO 4017 M12X30 A280	
590	312318-0285	-		1	STOP SCREW ISO 4029 M4x6 A4	
650	312605-0320	-		1	NUT,HEXAGON,M10 A280	
660	315105-0153	-		3	WASHER,PLAIN ROUND 6,4x12 Stainless	
665	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
670	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
680	315115-0178	-		1	WASHER TBRB 13x24 Stainless	
710	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	



S-456309-6
ECN 71244

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0125S						
010	456837-0000	-		1	HOLDER	
050	257041-0000	-		1	FORK	
070	752186-0003	K		4	SHAFT	
075	752186-0012	K		2	SHAFT	
110	752153-0000	D		5	FORMING ROLLER	
140	255970-0000	K		3	BUSHING	
160	571544-0000	-		1	BEARING PLATE	
250	B 752155-0000	G		1	COUNTER ROLLER	
512	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A280	
540	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
600	312318-0368	-		2	SET SCREW CUP POINT ISO 4029 M6x16 RFR	
630	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
TBA 0160S or TBA 0200S						
010	456837-0000	-		1	HOLDER	
050	257041-0000	-		1	FORK	
070	752186-0003	K		4	SHAFT	
075	752186-0012	K		2	SHAFT	
110	752138-0000	D		5	FORMING ROLLER	
140	255970-0000	K		3	BUSHING	
160	571544-0000	-		1	BEARING PLATE	
250	B 752140-0000	G		1	COUNTER ROLLER	
512	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A280	
540	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
600	312318-0368	-		2	SET SCREW CUP POINT ISO 4029 M6x16 RFR	
630	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
TBA 0200M or TBA 0250S						
010	574337-0000	-		1	BRACKET	
050	574341-0000	-		1	FORK	
070	752186-0003	K		1	SHAFT	
075	752186-0004	K		5	SHAFT	
110	574346-0000	D		5	ROLL	
140	255970-0000	K		3	BUSHING	
160	571544-0000	-		1	BEARING PLATE	
250	574347-0000	G		1	COUNTER ROLLER	
512	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A280	
540	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
600	312318-0368	-		2	SET SCREW CUP POINT ISO 4029 M6x16 RFR	
630	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
TBA 0100B						
010	456837-0000	-		1	HOLDER	
050	257041-0000	-		1	FORK	
070	752186-0003	K		4	SHAFT	
075	752186-0012	K		2	SHAFT	
110	752153-0000	D		5	FORMING ROLLER	
140	255970-0000	K		3	BUSHING	
160	571544-0000	-		1	BEARING PLATE	
250	B 752155-0000	G		1	COUNTER ROLLER	
512	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A280	
540	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
600	312318-0368	-		2	SET SCREW CUP POINT ISO 4029 M6x16 RFR	
630	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
Common parts						
020	1279095-0000	-		1	LOCKING PLATE	
030	1279096-0000	-		1	LOCKING PLATE	
040	491022-0000	-		1	CYLINDER BRACKET	
055	1279092-0000	-		4	LOCKING PLATE	
060	2033-0011	F		12	WASHER	
080	239440-0000	J		1	SHAFT	
090	90240-0172	F		12	BEARING BUSHING WITH FLANGE,8/12x10 NFB	
130	255969-0000	K		1	SHAFT	
180	441483-0000	-		1	CYLINDER BRACKET	
200	257042-0000	-		1	BRACKET	
210	257043-0000	-		1	ANGLE BRACKET	
220	257044-0000	I		1	ROLL	
315	752038-0000	D		4	SHIM	
330	90235-0274	D		2	THROTTLE CHECK VALVES,G1/8"	
345	90239-0453	D		1	BRACKET	
346	90239-0516	M		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
350	B 90239-0779	M		1	CYLINDER	
500	311103-0238	-		2	PIN,STRAIGHT 3x20	
510	311411-0140	-		1	SPLIT PIN SP1,6X16RFR	
520	312105-0364	-		1	SCREW M6S 6x10 A280	
530	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
545	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
547	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
560	312105-0451	-		1	SCREW M6S ISO 4017 8x20 A280	
565	312105-0453	-		2	SCREW M6S ISO 4017 M8x25 A280	
580	312105-0536	-		1	SCREW M6S ISO 4017 M12X30 A280	
590	312318-0285	-		1	STOP SCREW ISO 4029 M4x6 A4	
650	312605-0320	-		1	NUT,HEXAGON,M10 A280	
660	315105-0153	-		3	WASHER,PLAIN ROUND 6,4x12 Stainless	
665	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
670	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
680	315115-0178	-		1	WASHER TBRB 13x24 Stainless	
710	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	

SUCTION PIPE

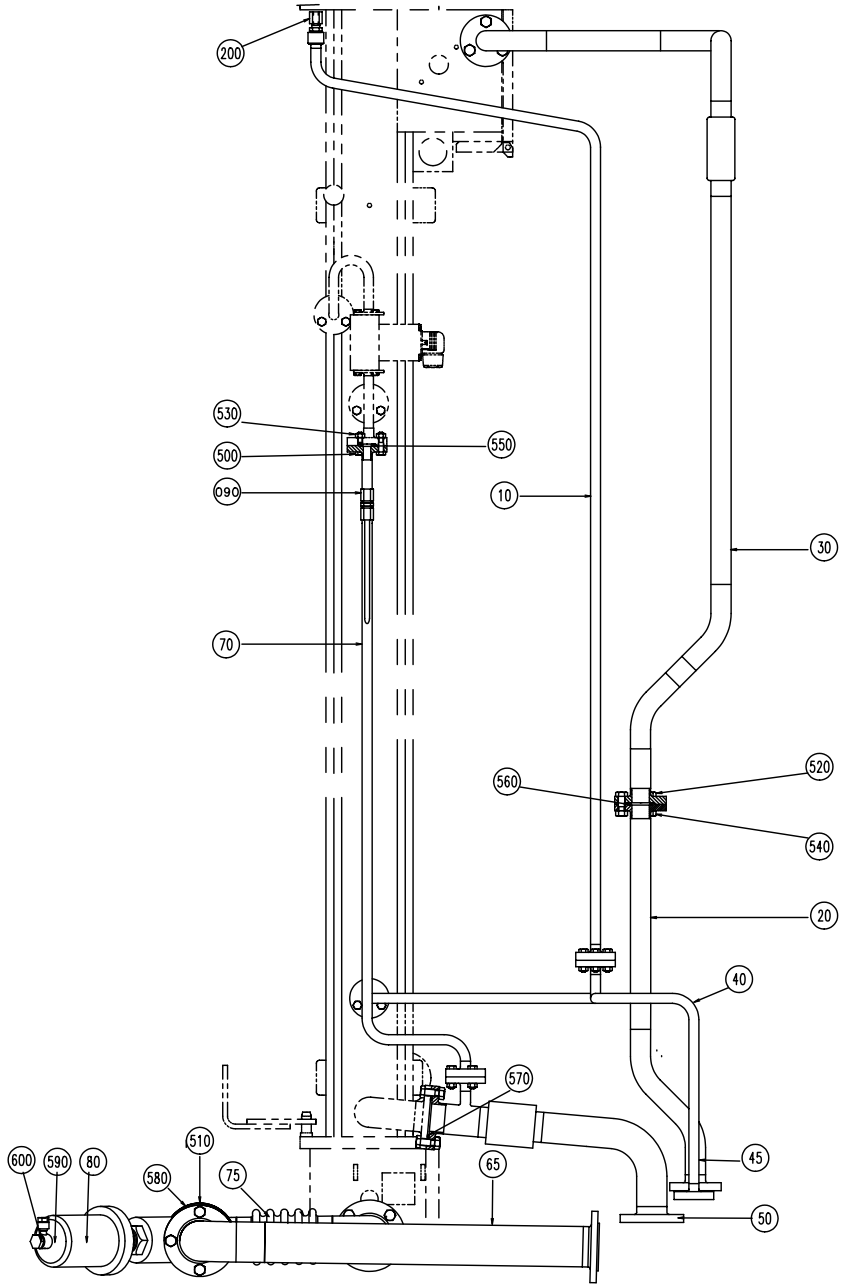


S-456555-6
ECN 22793

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978984-0000	-		1	SUCTION PIPE	
020	978985-0000	-		1	SUCTION PIPE	
030	978986-0000	-		1	SUCTION PIPE	
040	978987-0000	-		1	SUCTION PIPE	
050	572487-0000	-		1	THROTTLING	
060	566669-0000	-		1	NIPPLE	
070	572485-0000	-		1	BRACKET	
080	572486-0000	D		1	PISTON	
300	90166-0124	M	MM	2000	TUBE 6 mm PA,Transp.	
310	90239-0840	M		1	DOUBLE ACTING,MINI-ISO,CYL.16-12	
400	312105-0362	-		2	SCREW M6S ISO 4017 M6x8 A280	
410	312105-0366	-		12	SCREW M6S ISO 4017 M6x12 A280	
420	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
430	312105-0453	-		8	SCREW M6S ISO 4017 M8x25 A280	
440	312105-0536	-		1	SCREW M6S ISO 4017 M12X30 A280	
450	312605-0322	-		2	NUT,HEXAGON,M12 RFR	
460	312605-0318	-		8	NUT,HEXAGON,M8 RFR	
470	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
480	927422-0015	I		1	O-RING 39.2X3 SILICON	
490	927422-0008	I		4	O-RING 49.5X3 SILICON	
500	342980-0111	-		2	BANJO-CONNECTION,RING 6/4-M5	
510	B 342980-0301	-		2	BANJO-HOLLOW BOLT COUPL.,EXT.THREA.01-M5	
520	315229-0105	I		2	GASKET 40535-1	
530	359000-0400	-		1	MARKING CO2/4"0"	
540	359000-0401	-		1	MARKING COLLAR 2/4 "1" Yellow	
550	359000-0402	-		2	MARKING COLLAR 2/4 "2" Yellow	
560	359000-0403	-		2	MARKING COLLAR PA2/4 "3" Yellow	

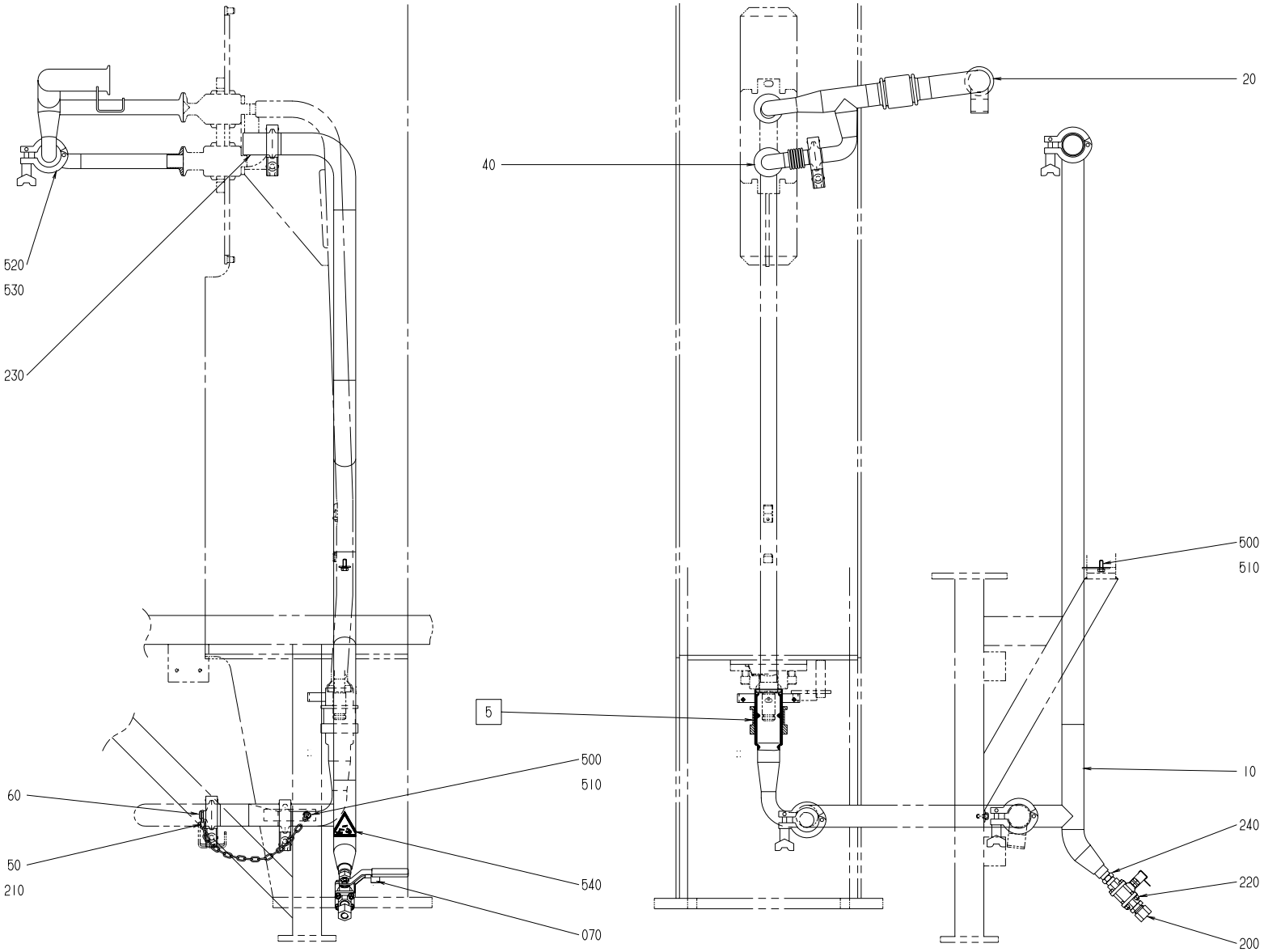
Pos	Part No	SP	UN	Qty	Description	Page No

PEROXIDE PIPE



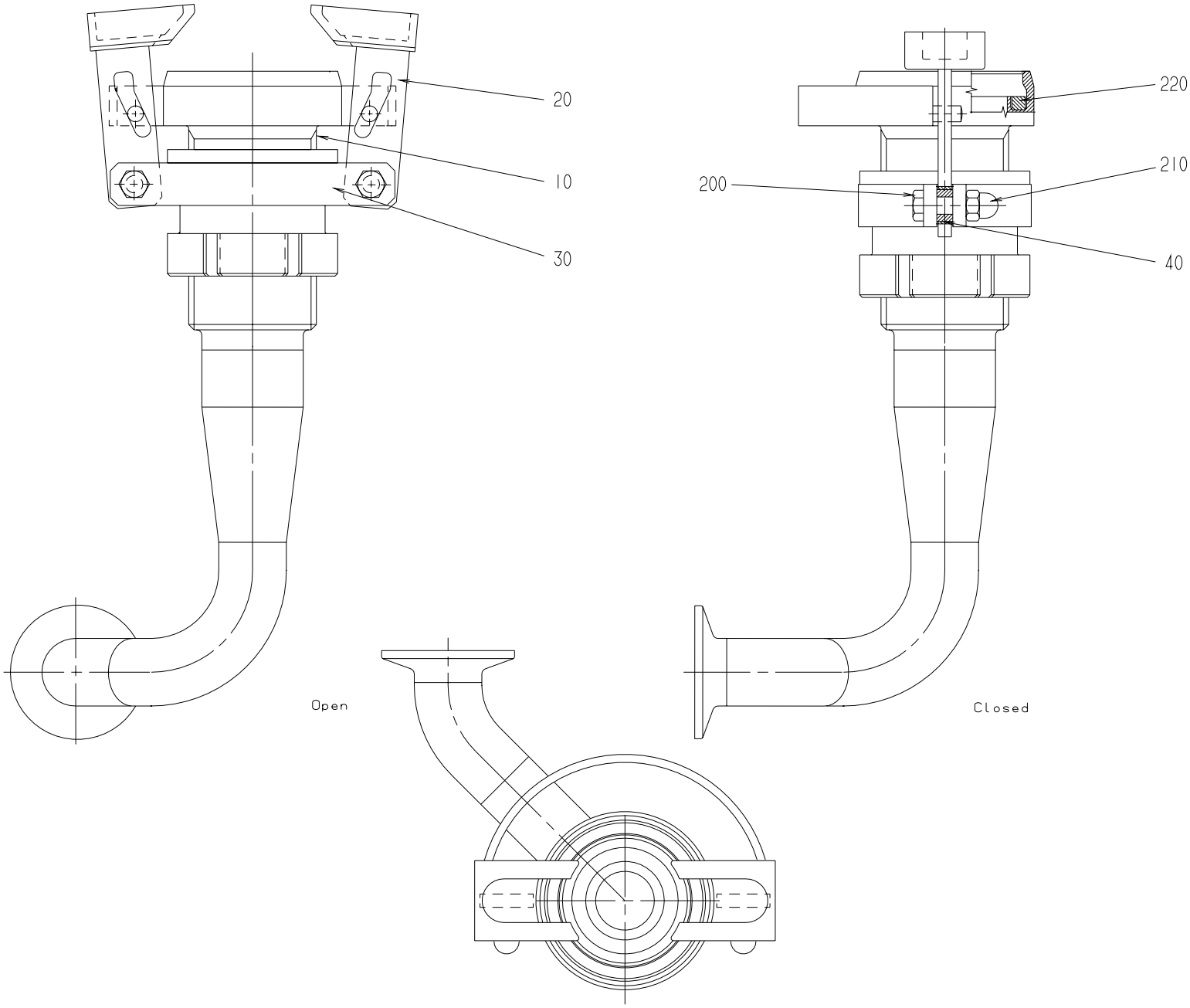
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	577777-0000	-		1	PIPE	
020	578485-0000	-		1	PIPE	
030	979029-0000	-		1	PIPE	
040	979046-0000	-		1	PIPE	
050	979048-0000	-		1	PIPE	
065	1285944-0000	-		1	PIPE	
070	979117-0000	-		1	PIPE	
075	1285943-0000	-		1	PIPE	
080	B 978999-0000	D		1	VALVE	
090	90030-0075	-		1	PIPE CONNECTION G-6	
200	90030-0184	-		1	STRAIGHT CONNECTION GA-6-G1/8"	
500	312105-0372	-		12	SCREW M6S ISO 4017 M6X25 A280	
510	312105-0451	-		8	SCREW M6S ISO 4017 8x20 A280	
520	312105-0453	-		14	SCREW M6S ISO 4017 M8x25 A280	
530	312605-0316	-		12	NUT,HEXAGON A280 M6M6	
540	312605-0318	-		14	NUT,HEXAGON,M8 RFR	
550	315229-0101	I		4	GASKET 40531-1	
560	315229-0103	I		2	GASKET 40533-1	
570	315229-0104	I		1	GASKET 40534-1	
580	315229-0205	I		4	GASKET	
590	342797-0122	-		1	BANJO CONNECTION,RINGPIECE 6-1/4"	
600	342980-0304	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	

Pos	Part No	SP	UN	Qty	Description	Page No


520
530
230
60
50
210
500
510
540
070
5
40
20
500
510
10
240
220
200

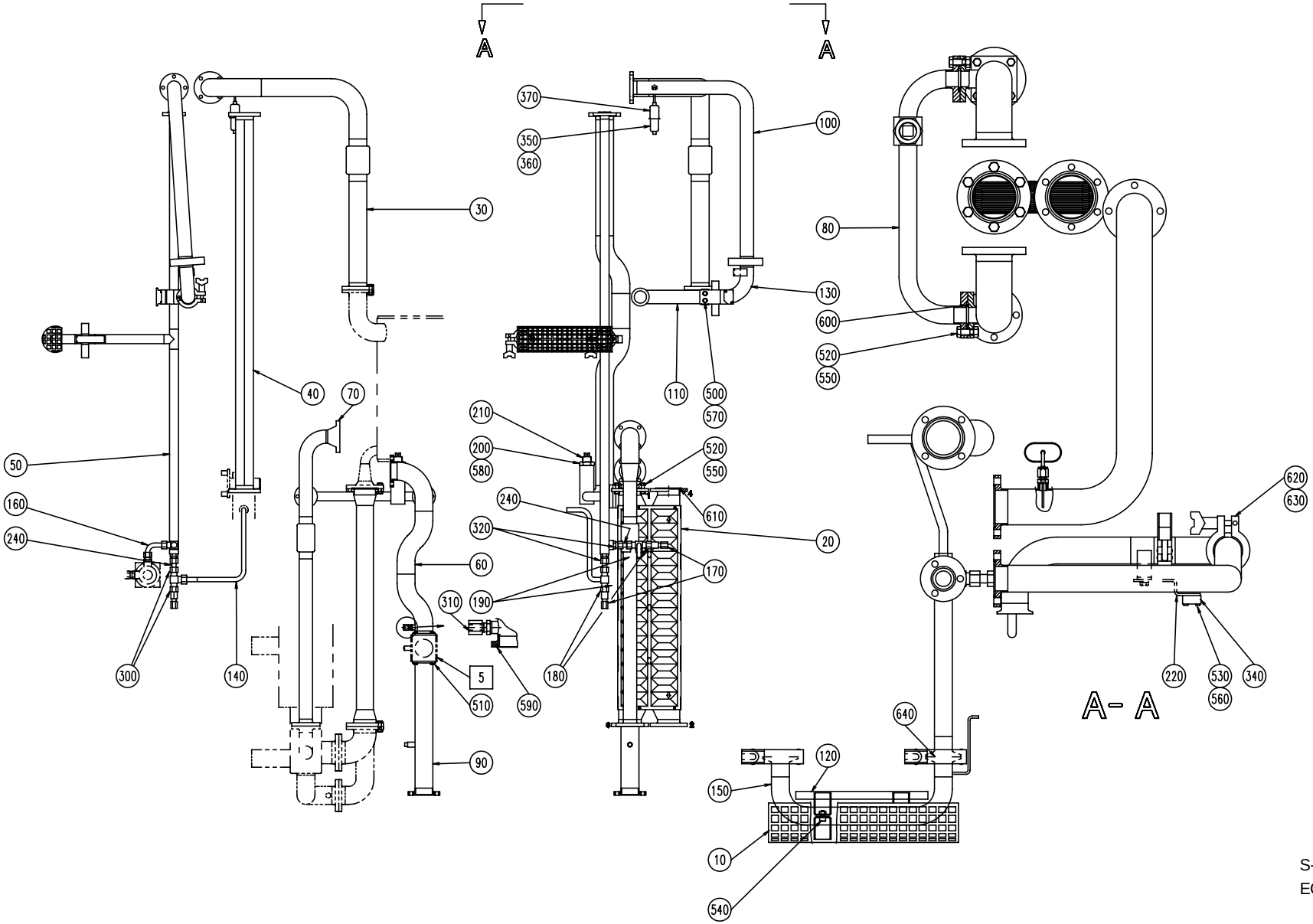
Pos	Part No	SP	UN	Qty	Description	Page No
-						
F005	A 752495-0200	-		1	ATTACHMENT	**112**
010	979106-0000	-		1	PIPE	
020	979107-0000	-		1	PIPE	
040	979127-0000	M		1	PIPE	
050	209183-0000	D		1	RING	
060	556898-0000	-		1	LID	
070	582865-0000	-		1	SECURING PLATE	
200	90030-0187	-		1	STRAIGHT CONNECTION GA-12-G3/8"	
210	90155-0008	-	MM	300	CHAIN	
220	90187-0051	D		1	Ball valves,for hydrog.peroxid, G3/8	
230	90217-0080	-		1	SLEEVE	
240	90330-0028	-		1	NIPPLES,HEXAGON,EXT.R-THREAD R3/8"-R3/8"	
500	312105-0364	-		2	SCREW M6S 6x10 A280	
510	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
520	342840-0103	-		4	CLAMPING PIECE	
530	342850-0304	F		4	GASKET	
540	359705-0003	-		1	WARNING SIGN Dangerous Chemicals	

Pos	Part No	SP	UN	Qty	Description	Page No


20
10
30
Open
220
210
200
40
Closed

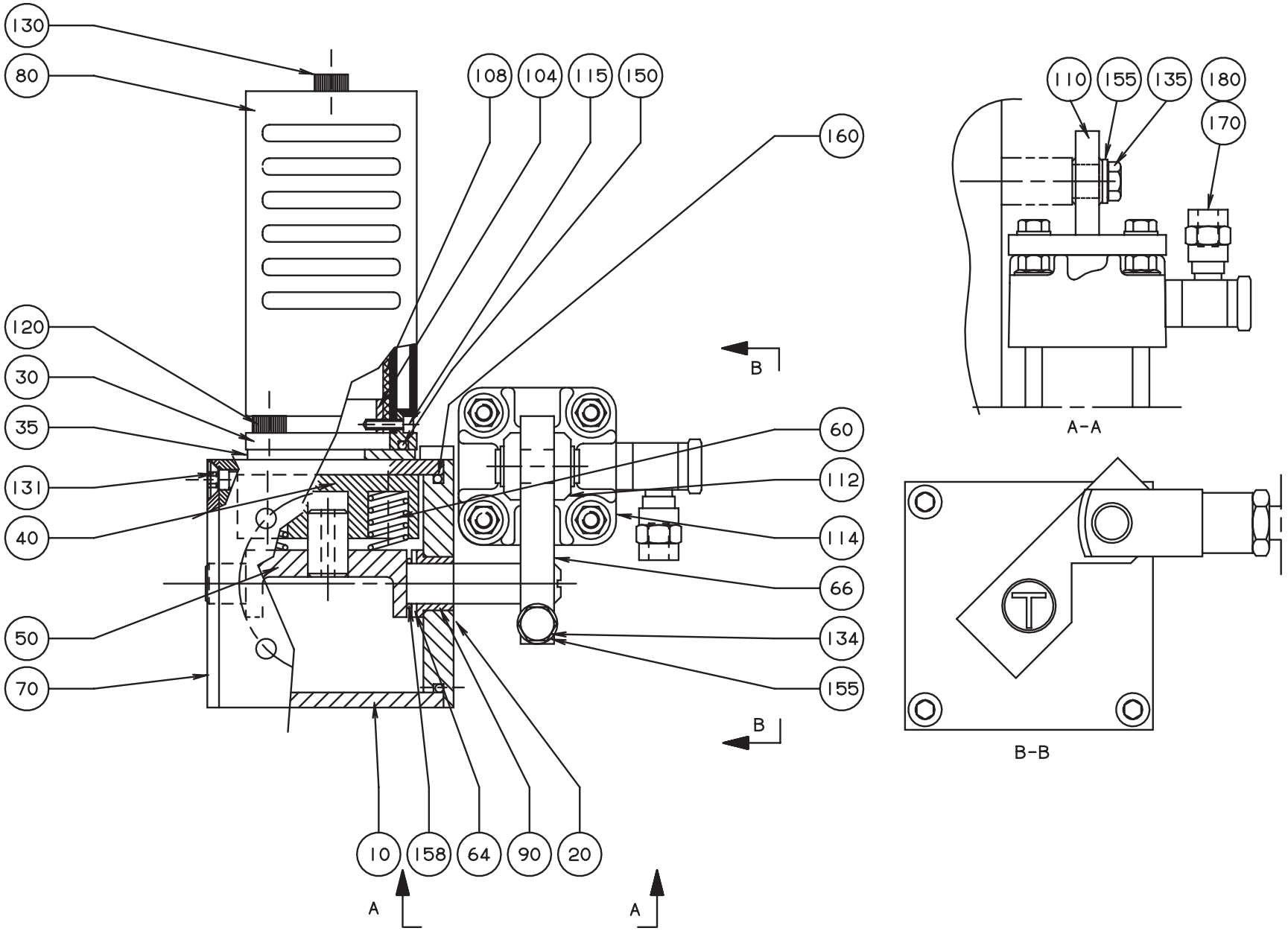
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
030	752499-0000	-		2	RING	
040	553586-0000	D		2	SPACER	
200	312105-0371	-		2	SCREW M6S6X22RFR	
210	312811-0316	-		2	LOCK NUT M6RFR	
TBA 0100B or TBA 0125S or TBA 0160S or TBA 0200S						
010	579640-0000	-		1	CLEANING PIPE	
020	979728-0000	-		2	CATCH	
220	315229-0104	F		1	GASKET 40534-1	
TBA 0200M or TBA 0250S						
010	579770-0000	-		1	CLEANING PIPE	
020	579771-0000	-		2	CATCH	
220	12242-0003	F		1	GASKET	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	579638-0000	-		1	CLEANING PIPE	
020	579637-0000	-		2	CATCH	
220	12242-0005	F		1	GASKET	

Pos	Part No	SP	UN	Qty	Description	Page No



S-456976-12
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F005	A 476859-0300	-		1	WEAC-VALVE	**116**
010	B 272557-0001	-		1	TOUCH GUARD	
020	978838-0000	D		1	HEAT EXCHANGER	
030	978993-0000	-		1	PIPE	
040	978994-0000	-		1	PIPE	
050	978995-0000	-		1	PIPE	
060	979027-0000	-		1	PIPE	
070	979028-0000	-		1	PIPE	
080	979031-0000	-		1	PIPE	
090	979045-0000	-		1	PIPE	
100	979104-0000	-		1	PIPE	
110	979105-0000	-		1	PIPE	
120	272556-0001	-		1	TOUCH GUARD	
130	979108-0000	-		1	PIPE	
140	1260481-0000	-		1	PIPE	
150	979124-0000	-		1	PIPE	
160	1260480-0000	-		1	PIPE	
170	209145-0000	J		2	THROTTLE SCREW	
180	209146-0000	M		2	BARRIER NUT	
190	279589-0000	M		2	NUT	
200	442237-0000	D		1	NUT	
210	490998-0000	D		1	THROTTLE SCREW	
220	979109-0000	-		1	HOLDER	
240	1260489-0000	-		2	PIPE	
300	90030-0058	M		2	T-PIPE CONNECTION T-12	
310	90030-0184	M		1	STRAIGHT CONNECTION GA-6-G1/8"	
320	90030-0187	M		2	STRAIGHT CONNECTION GA-12-G3/8"	
340	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
350	90326-0012	M		1	PROTECTIVE COVER	
360	90326-0020	M		1	PLUG,FEMALE YELLOW CR-AL	
370	90326-0051	M		1	THERMO COUPLE	
500	312105-0364	-		2	SCREW M6S 6x10 A280	
510	312105-0366	-		8	SCREW M6S ISO 4017 M6x12 A280	
520	312105-0453	-		12	SCREW M6S ISO 4017 M8x25 A280	
530	312115-0228	-		2	SCREW MC6S ISO 4762 M3X16 A280	
540	312115-0329	-		4	SCREW MC6S ISO 4762 M5x16 A280	
550	312605-0318	-		12	NUT,HEXAGON,M8 RFR	
560	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
570	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
580	315204-0119	I		1	O-RINGS 25,1X1,6	
590	315204-0301	I		2	O-RINGS 49,5X3	
600	315229-0203	I		2	GASKET	
610	315229-0206	I		2	GASKET	
620	342840-0103	-		4	CLAMPING PIECE	
630	342850-0304	I		3	GASKET	
640	342850-0303	I		1	GASKET	

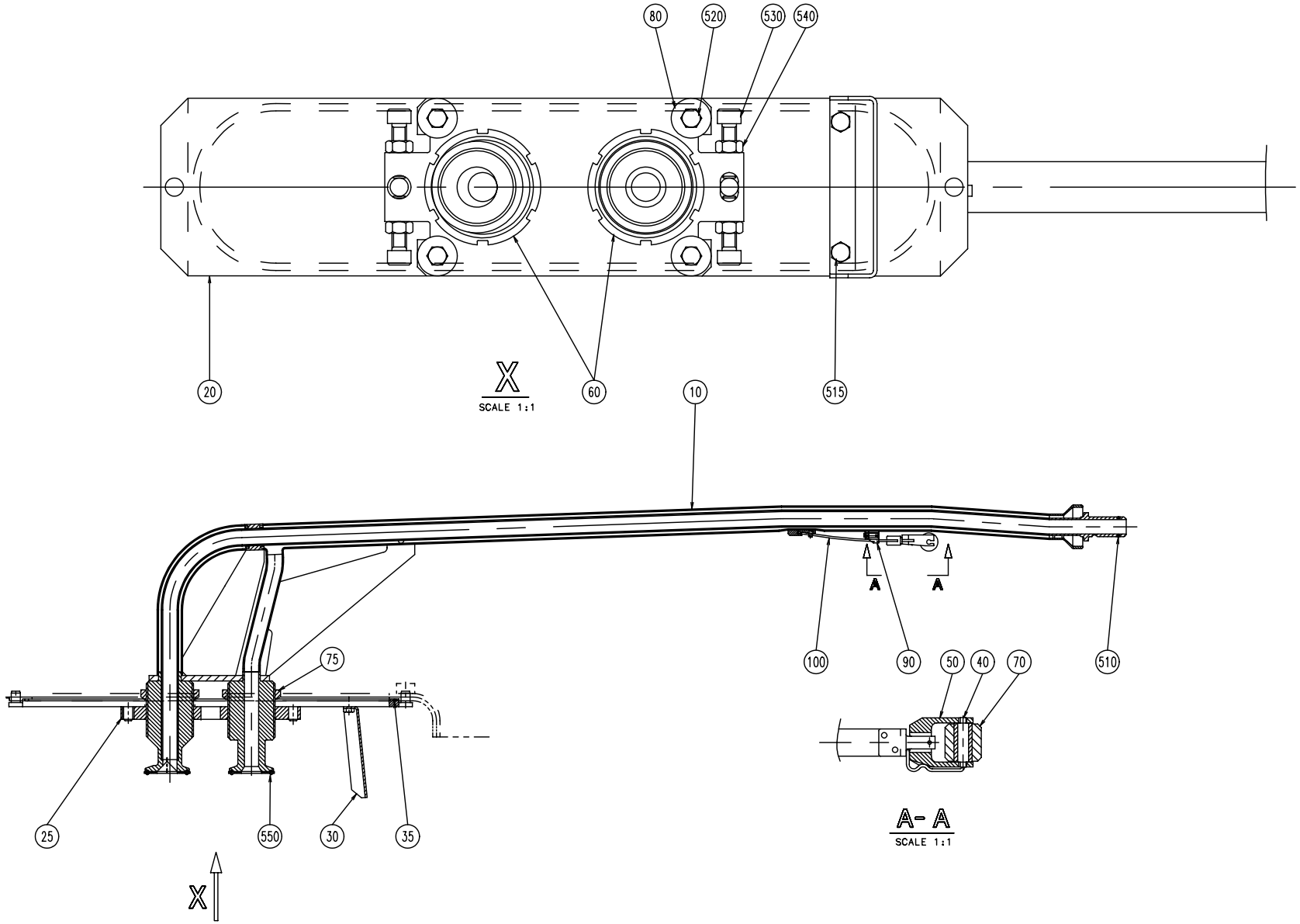


S-476859-6
ECN 70086

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	B 578031-0000	-		1	VALVE HOUSING	
020	255874-0000	-		1	BEARING COVER	
030	466477-0000	-		1	INNER PIPE	
035	979953-0000	-		1	WASHER	
040	466479-0000	M		1	PIECE	
050	555541-0000	D		1	BRACKET	
060	21521-0000	J		2	COMPRESSION SPRING	
064	266737-0000	M		1	WASHER	
066	441483-0000	D		1	CYLINDER BRACKET	
070	255874-0000	D		1	BEARING COVER	
080	466478-0000	-		1	OUTER PIPE	
090	255875-0000	K		2	BUSHING	
104	466483-0000	-		1	CLAMPING PIECE	
108	466484-0000	-		1	NET	
110	90239-0453	-		1	BRACKET	
112	90239-0516	-		1	ROD END,CLEVIS WITH AXLE,M10X1,25	
114	B 90239-0779	R		1	CYLINDER	
115	312115-0224	-		2	SCREW S 3X10 A4 80	
120	312115-0366	-		4	SCREW MC6S ISO 4762 M6X12 A280	
130	312115-0364	-		1	SCREW MC6S 6x10 A4 80	
131	312155-0364	-		8	SCREW MF6S6X10RFR	
134	312105-0370	-		1	SCREW M6S ISO 4017 M6x20 A280	
135	312105-0364	-		1	SCREW M6S 6x10 A280	
150	315204-0222	-		1	O-RING 36,2x3 VITON	
155	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
158	315204-0110	-		1	O-RINGS 12,1X1,6	
160	315204-0302	I		2	O-RINGS 54,5X3	
170	342797-0121	-		2	BANJO CONNECTION,RINGPIECE 6-1/8"	
180	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

FILLER TUBE

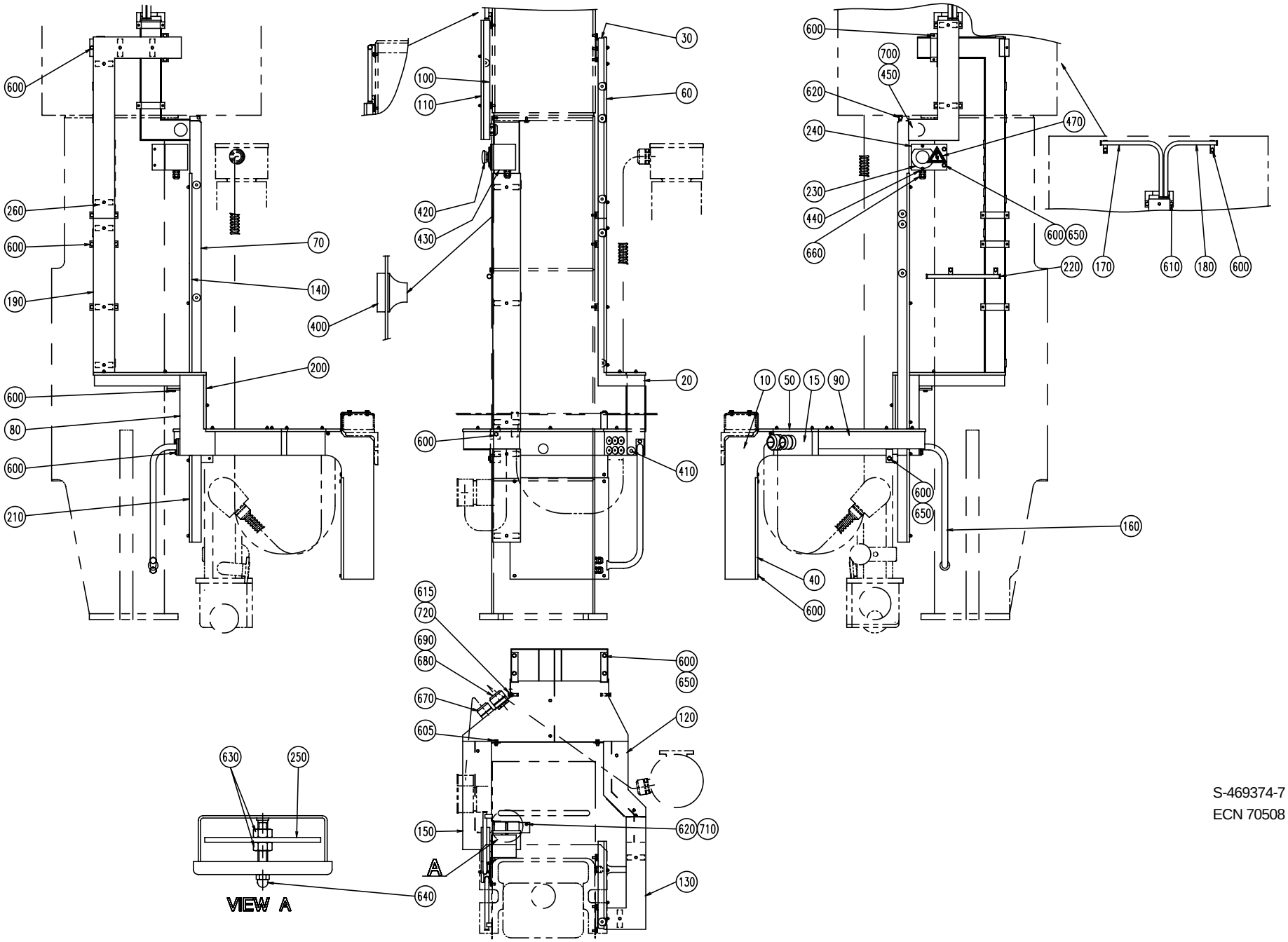


S-469091-6
ECN 72859

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	979101-0000	-		1	PLATE	
025	979102-0000	-		1	FASTENING PLATE	
030	295984-0000	-		1	DRIP GUARD	
035	491418-0001	J		1	O-RING	
060	979103-0000	-		2	NUT	
075	979957-0000	-		2	NUT	
080	315125-0153	-		4	WASHERS,PLAIN ROUND,CHAMFERED 6,4X22X4	
510	927421-0006	F		1	O-RING 17.3X2.4 SILICON	
515	312105-0364	-		2	SCREW M6S 6x10 A280	
520	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
530	312115-0455	-		4	SCREW MC6S ISO 4762 M8X30 A280	
540	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
550	342850-0303	F		2	GASKET	
TBA 0100B or TBA 0125S						
010	1317916-0000	K		1	FILLER TUBE	
040	255977-0000	-		1	SHAFT	
050	255978-0000	F		1	FORK	
070	272479-0000	F		1	PRESSURE ROLLER	
090	491441-0000	F		1	HOOD	
100	1285580-0000	F		1	SPRING	
TBA 0160S or TBA 0200S						
010	1317916-0000	K		1	FILLER TUBE	
040	255977-0000	-		1	SHAFT	
050	255978-0000	F		1	FORK	
070	272479-0000	F		1	PRESSURE ROLLER	
090	295377-0001	F		1	HOOD	
100	1285580-0000	F		1	SPRING	
TBA 0200M or TBA 0250S						
010	1317913-0000	M		1	FILLER TUBE	
040	255977-0000	-		1	SHAFT	
050	255978-0000	F		1	FORK	
070	272479-0000	F		1	PRESSURE ROLLER	
090	295377-0001	F		1	HOOD	
100	1285580-0000	F		1	SPRING	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	1346208-0000	M		1	FILLER TUBE	
040	295376-0000	J		1	SHAFT	
050	568583-0000	J		1	FORK	
070	257330-0000	F		1	PRESSURE ROLLER	
090	295377-0002	J		1	HOOD	
100	1317991-0000	J		1	SPRING	

Pos	Part No	SP	UN	Qty	Description	Page No

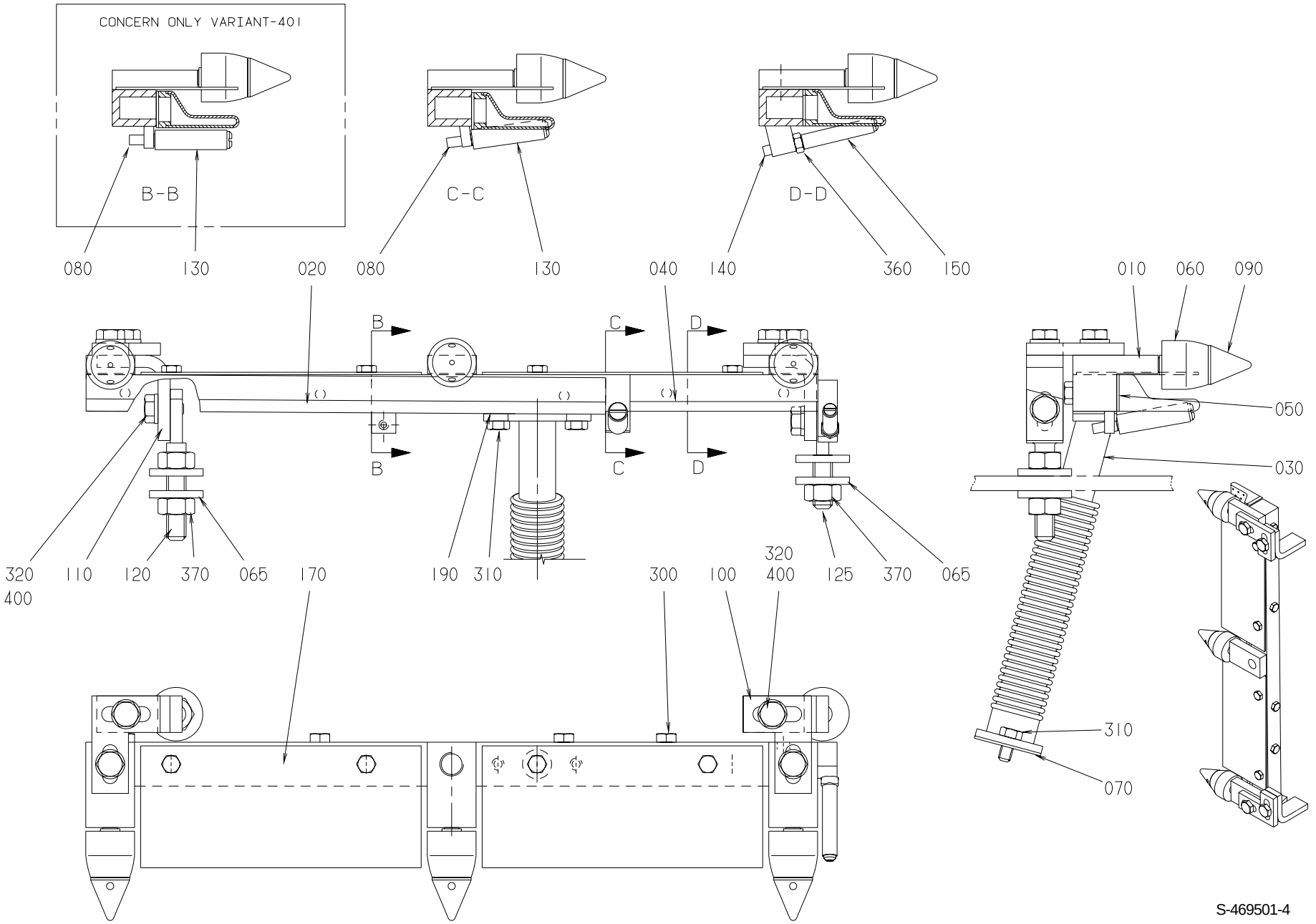
CABLE TRENCH



S-469374-7
ECN 70508

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260746-0000	-		1	CABLE TRENCH	
015	1260745-0000	-		1	CABLE TRENCH	
020	577462-0000	-		1	CABLE TRENCH	
030	577463-0000	-		1	CABLE TRENCH	
040	1279464-0000	-		1	LID	
050	577465-0000	-		1	LID	
060	577466-0000	-		1	LID	
070	578034-0000	-		1	CABLE TRENCH	
080	1279465-0000	-		1	CABLE TRENCH	
090	1279466-0000	-		1	CABLE TRENCH	
100	295782-0000	-		1	CABLE TRENCH	
110	295783-0000	-		1	LID	
120	577467-0000	-		1	LID	
130	577468-0000	-		1	LID	
140	578035-0000	-		1	LID	
150	578499-0000	-		1	LID	
160	578500-0000	-		1	PIPE	
170	978540-0000	-		1	CABLE CONDUIT	
180	978541-0000	-		1	CABLE CONDUIT	
190	577469-0000	-		1	LID	
200	577470-0000	-		1	LID	
210	578496-0000	-		1	LID	
220	978539-0000	-		1	CABLE CONDUIT	
230	486826-0001	-		1	SIGN "EMERGENCY STOP"	
240	979547-0000	-		1	BRACKET	
250	272945-0000	-		5	LOCK	
260	295466-0000	-		11	LOCK	
400	90015-0020	-		27	RUBBER BUSHING 5-7	
410	90015-0023	-		1	RUBBER BUSHING TET 7-10	
420	90064-0124	-		1	SWITCH,EMERGENCY STOP	
430	90066-0013	-		1	PUSH BUTTON BOX	
440	90089-0003	-		1	SLEEVE PR22,5/18,6;PG16/11	
450	90099-0011	-		1	NUT PR 37 BRASS	
470	90194-0016	-		1	SIGN "FLASH SIGN" 50X50MM	
600	312105-0364	-		45	SCREW M6S 6x10 A280	
610	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
620	312125-0323	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
630	312605-0316	-		32	NUT,HEXAGON A280 M6M6	
640	312705-0316	-		23	NUT,DOMED CAP,HEXAGON,M6	
650	315105-0153	-		7	WASHER,PLAIN ROUND 6,4x12 Stainless	
660	352101-0103	-		1	LEAD IN PR 18,6	
670	352136-0142	-		1	GLAND FITTING	
680	90012-0102	-		1	GLAND FITTING	
690	90099-0119	-		1	NUT PR 28,3 (PG21)	
700	352101-0107	-		1	LEAD-IN PR 37,0;PG29	
710	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	

AIR NOZZLE

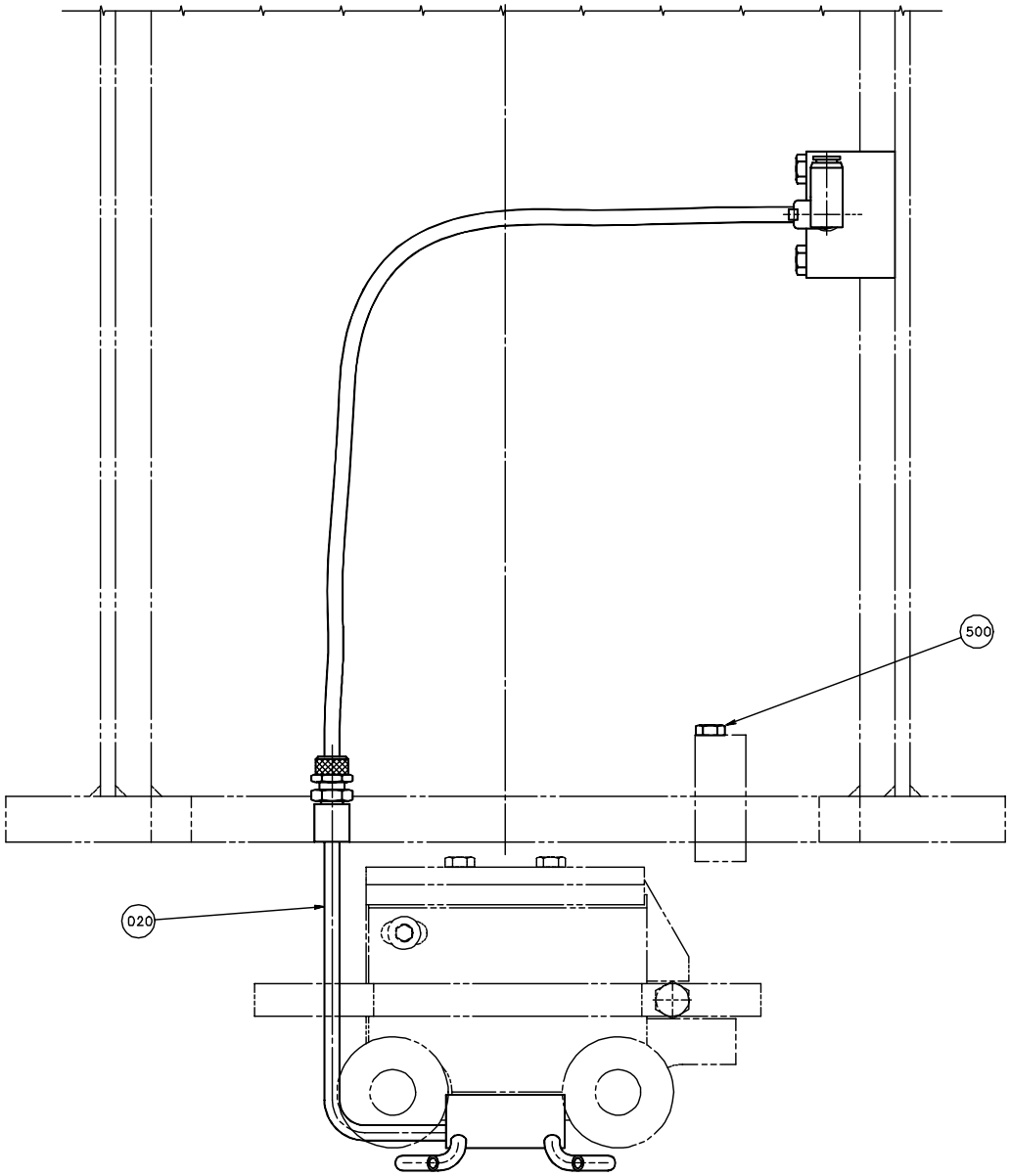


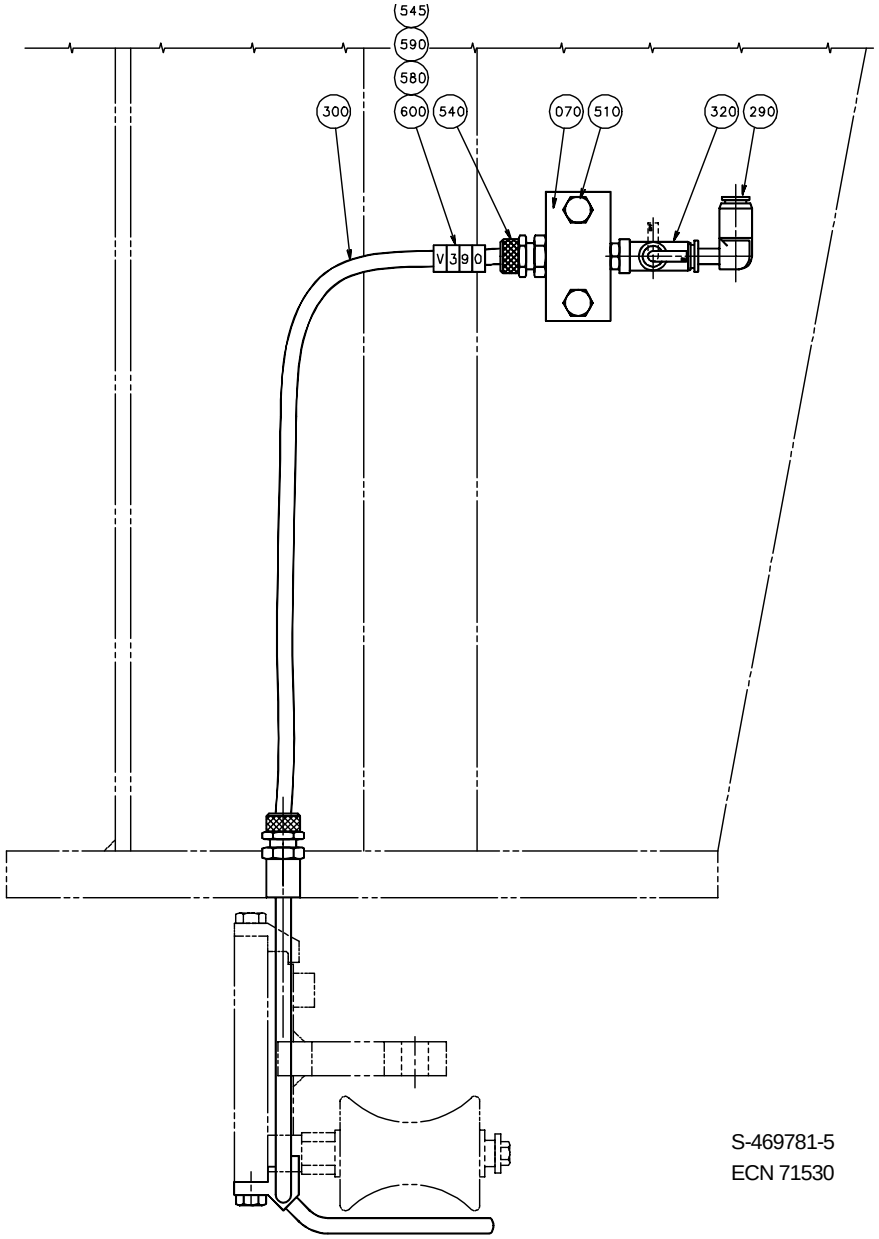
S-469501-4
ECN 22793

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	752218-0000	D		1	ATTACHMENT	
020	568577-0000	D		1	AIR NOZZLE	
030	751722-0000	D		1	PIPE-LINE	
040	568578-0000	D		1	AIR NOZZLE	
050	568581-0000	D		1	DISTRIBUTOR WING	
060	6161-0000	F		3	ROLL	
065	28036-0000	J		4	WASHER	
070	751010-0000	I		1	GASKET	
090	272095-0000	K		3	SHAFT	
100	469458-0000	D		2	BRACKET	
110	469459-0000	D		2	BRACKET	
120	469460-0000	D		1	BRACKET	
125	491143-0000	D		1	BRACKET	
140	469463-0000	I		1	SHAFT	
150	469464-0000	F		1	ROLL	
170	469466-0000	D		2	PLATE	
190	751024-0000	I		1	GASKET	
300	312105-0287	-		4	SCREW M6S ISO 4017 M4x8 A280	
310	312105-0325	-		4	SCREW M6S 5x10 A2 80	
315	312105-0333	-		5	SCREW M6S ISO 4017 M5x25 A280	
320	312105-0366	-		6	SCREW M6S ISO 4017 M6x12 A280	
360	312605-0312	-		1	NUT,HEXAGON,M4 RFR	
370	312605-0318	-		3	NUT,HEXAGON,M8 RFR	
400	315105-0153	-		6	WASHER,PLAIN ROUND 6,4x12 Stainless	
TBA 0100B or TBA 0125S or TBA 0160S or TBA 0200M or TBA 0200S or TBA 0250S						
080	256899-0000	I		2	SHAFT	
130	469461-0000	F		2	ROLL	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
080	256899-0000	I		1	SHAFT	
130	469461-0000	F		1	ROLL	

Pos	Part No	SP	UN	Qty	Description	Page No

TUBE FLUSHING DEVICE

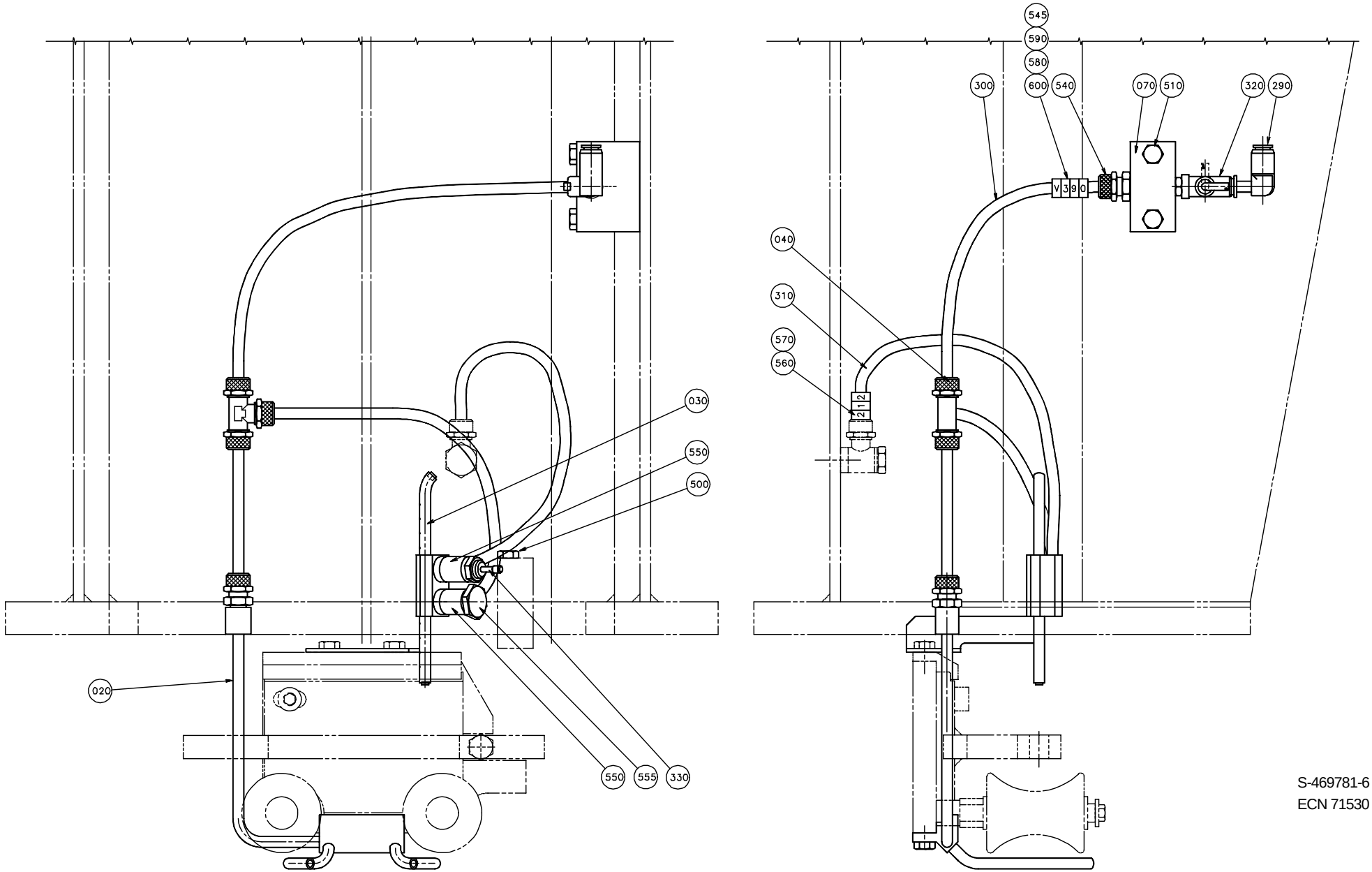




S-469781-5
ECN 71530

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT TBA 0100B or NOPT TBA 0125S or NOPT TBA 0160S or NOPT TBA 0200S						
020	571103-0000	D		1	NOZZLE	
540	342921-0113	-		2	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
NOPT TBA 0180B or NOPT TBA 0200B or NOPT TBA 0236B or NOPT TBA 0250B or NOPT TBA 0284B or NOPT TBA 0300S or NOPT TBA 0330S						
020	979941-0000	D		1	NOZZLE	
540	342921-0113	-		2	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
NOPT TBA 0200M or NOPT TBA 0250S						
020	569109-0000	D		1	NOZZLE	
540	342921-0113	-		2	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
PT19 TBA 0100B or PT19 TBA 0125S or PT19 TBA 0160S or PT19 TBA 0200S						
020	571103-0000	D		1	NOZZLE	
030	589449-0000	D		1	NOZZLE	
310	90166-0124	-	MM	250	TUBE 6 mm PA,Transp.	
330	90235-0280	-		1	THROTTLE CHECK VALVES,M5	
530	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
550	342980-0113	M		2	BANJO-CONNECTION,RING 6/4-G1/8"	
555	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
560	359000-0401	-		1	MARKING COLLAR 2/4 "1" Yellow	
570	359000-0402	-		2	MARKING COLLAR 2/4 "2" Yellow	
PT19 TBA 0180B or PT19 TBA 0200B or PT19 TBA 0236B or PT19 TBA 0250B or PT19 TBA 0284B or PT19 TBA 0300S or PT19 TBA 0330S						
020	979941-0000	D		1	NOZZLE	
030	589449-0000	D		1	NOZZLE	
310	90166-0124	-	MM	250	TUBE 6 mm PA,Transp.	
330	90235-0280	-		1	THROTTLE CHECK VALVES,M5	
530	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
550	342980-0113	M		2	BANJO-CONNECTION,RING 6/4-G1/8"	
555	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
560	359000-0401	-		1	MARKING COLLAR 2/4 "1" Yellow	
570	359000-0402	-		2	MARKING COLLAR 2/4 "2" Yellow	
PT19 TBA 0200M or PT19 TBA 0250S						
020	569109-0000	D		1	NOZZLE	
030	589449-0000	D		1	NOZZLE	
310	90166-0124	-	MM	250	TUBE 6 mm PA,Transp.	
330	90235-0280	-		1	THROTTLE CHECK VALVES,M5	
530	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
550	342980-0113	M		2	BANJO-CONNECTION,RING 6/4-G1/8"	
555	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
560	359000-0401	-		1	MARKING COLLAR 2/4 "1" Yellow	
570	359000-0402	-		2	MARKING COLLAR 2/4 "2" Yellow	
Common parts						
070	271509-0000	-		1	JUNCTION BLOCK	
290	90055-0229	-		1	Hose,Stem T-conn.,fpt,5x6mm	
300	90166-0119	M	MM	500	HOSE PUR 4/6 Black	
320	90187-0191	-		1	Valve	
500	312105-0366	-		1	SCREW M6S ISO 4017 M6x12 A280	
510	312105-0378	-		2	SCREW ISO 4017 M6x40 A280	
545	359000-0400	-		1	MARKING CO2/4"0"	
580	359000-0403	-		1	MARKING COLLAR PA2/4 "3" Yellow	
590	359000-0409	-		1	MARKING COLLAR PA2/4 "9" Yellow	
600	359000-0771	-		1	MARKING CO2/4"V"	

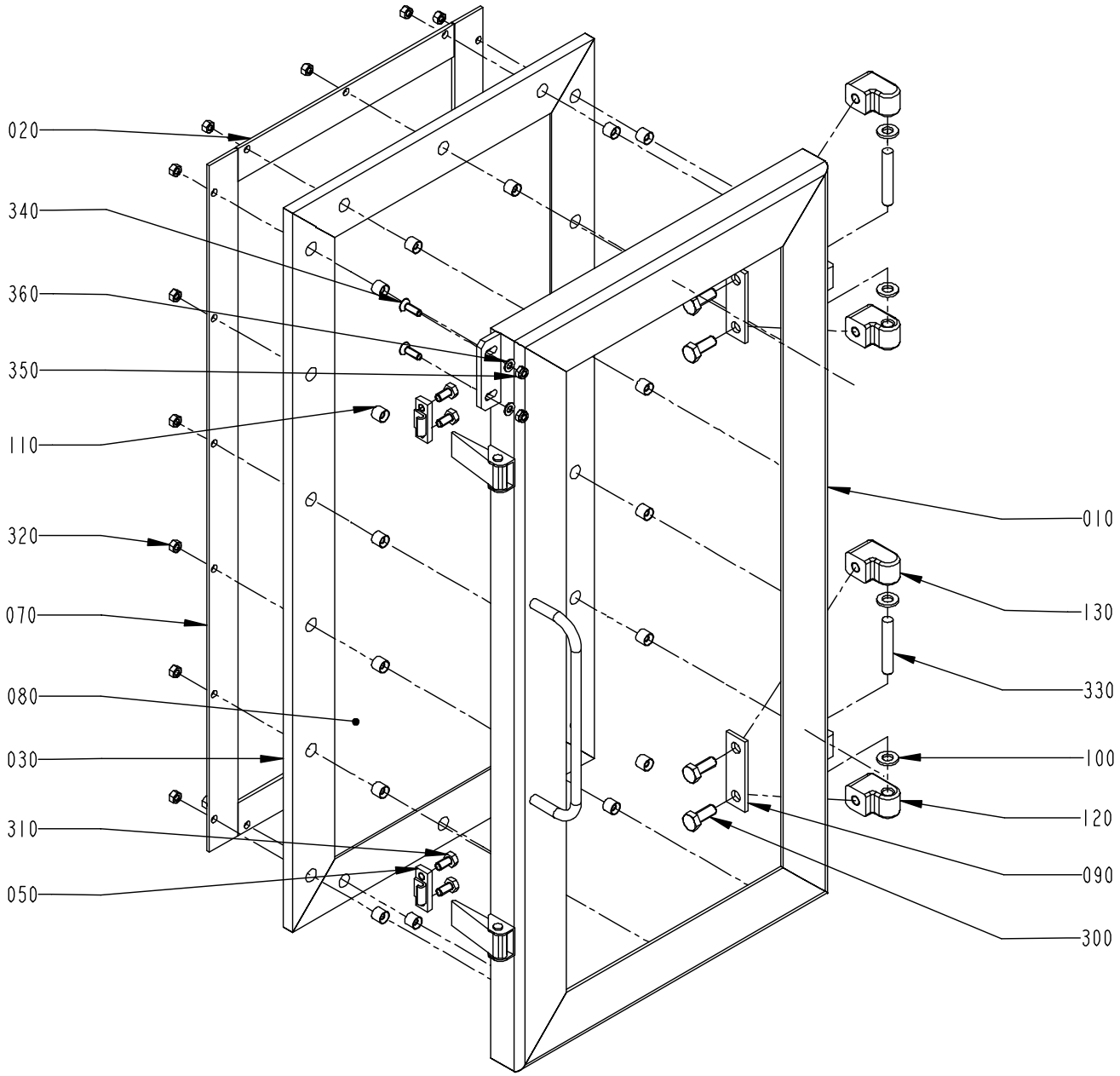
TUBE FLUSHING DEVICE

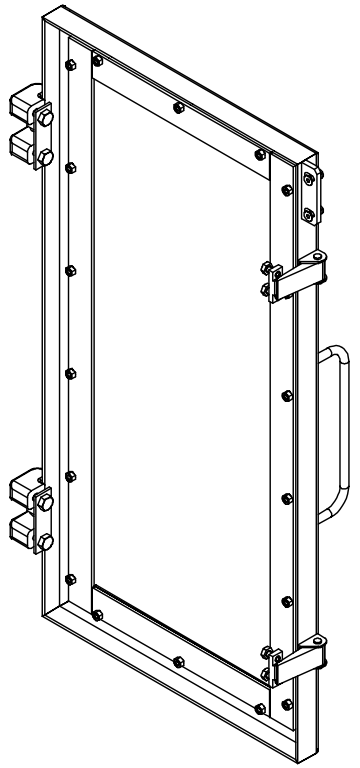


S-469781-6
ECN 71530

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT TBA 0100B or NOPT TBA 0125S or NOPT TBA 0160S or NOPT TBA 0200S						
020	571103-0000	D		1	NOZZLE	
540	342921-0113	-		2	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
NOPT TBA 0180B or NOPT TBA 0200B or NOPT TBA 0236B or NOPT TBA 0250B or NOPT TBA 0284B or NOPT TBA 0300S or NOPT TBA 0330S						
020	979941-0000	D		1	NOZZLE	
540	342921-0113	-		2	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
NOPT TBA 0200M or NOPT TBA 0250S						
020	569109-0000	D		1	NOZZLE	
540	342921-0113	-		2	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
PT19 TBA 0100B or PT19 TBA 0125S or PT19 TBA 0160S or PT19 TBA 0200S						
020	571103-0000	D		1	NOZZLE	
030	589449-0000	D		1	NOZZLE	
310	90166-0124	-	MM	250	TUBE 6 mm PA,Transp.	
330	90235-0280	-		1	THROTTLE CHECK VALVES,M5	
530	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
550	342980-0113	M		2	BANJO-CONNECTION,RING 6/4-G1/8"	
555	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
560	359000-0401	-		1	MARKING COLLAR 2/4 "1" Yellow	
570	359000-0402	-		2	MARKING COLLAR 2/4 "2" Yellow	
PT19 TBA 0180B or PT19 TBA 0200B or PT19 TBA 0236B or PT19 TBA 0250B or PT19 TBA 0284B or PT19 TBA 0300S or PT19 TBA 0330S						
020	979941-0000	D		1	NOZZLE	
030	589449-0000	D		1	NOZZLE	
310	90166-0124	-	MM	250	TUBE 6 mm PA,Transp.	
330	90235-0280	-		1	THROTTLE CHECK VALVES,M5	
530	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
550	342980-0113	M		2	BANJO-CONNECTION,RING 6/4-G1/8"	
555	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
560	359000-0401	-		1	MARKING COLLAR 2/4 "1" Yellow	
570	359000-0402	-		2	MARKING COLLAR 2/4 "2" Yellow	
PT19 TBA 0200M or PT19 TBA 0250S						
020	569109-0000	D		1	NOZZLE	
030	589449-0000	D		1	NOZZLE	
310	90166-0124	-	MM	250	TUBE 6 mm PA,Transp.	
330	90235-0280	-		1	THROTTLE CHECK VALVES,M5	
530	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
550	342980-0113	M		2	BANJO-CONNECTION,RING 6/4-G1/8"	
555	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
560	359000-0401	-		1	MARKING COLLAR 2/4 "1" Yellow	
570	359000-0402	-		2	MARKING COLLAR 2/4 "2" Yellow	
Common parts						
070	271509-0000	-		1	JUNCTION BLOCK	
290	90055-0229	-		1	Hose,Stem T-conn.,fpt,5x6mm	
300	90166-0119	M	MM	500	HOSE PUR 4/6 Black	
320	90187-0191	-		1	Valve	
500	312105-0366	-		1	SCREW M6S ISO 4017 M6x12 A280	
510	312105-0378	-		2	SCREW ISO 4017 M6x40 A280	
545	359000-0400	-		1	MARKING CO2/4"0"	
580	359000-0403	-		1	MARKING COLLAR PA2/4 "3" Yellow	
590	359000-0409	-		1	MARKING COLLAR PA2/4 "9" Yellow	
600	359000-0771	-		1	MARKING CO2/4"V"	

DOOR

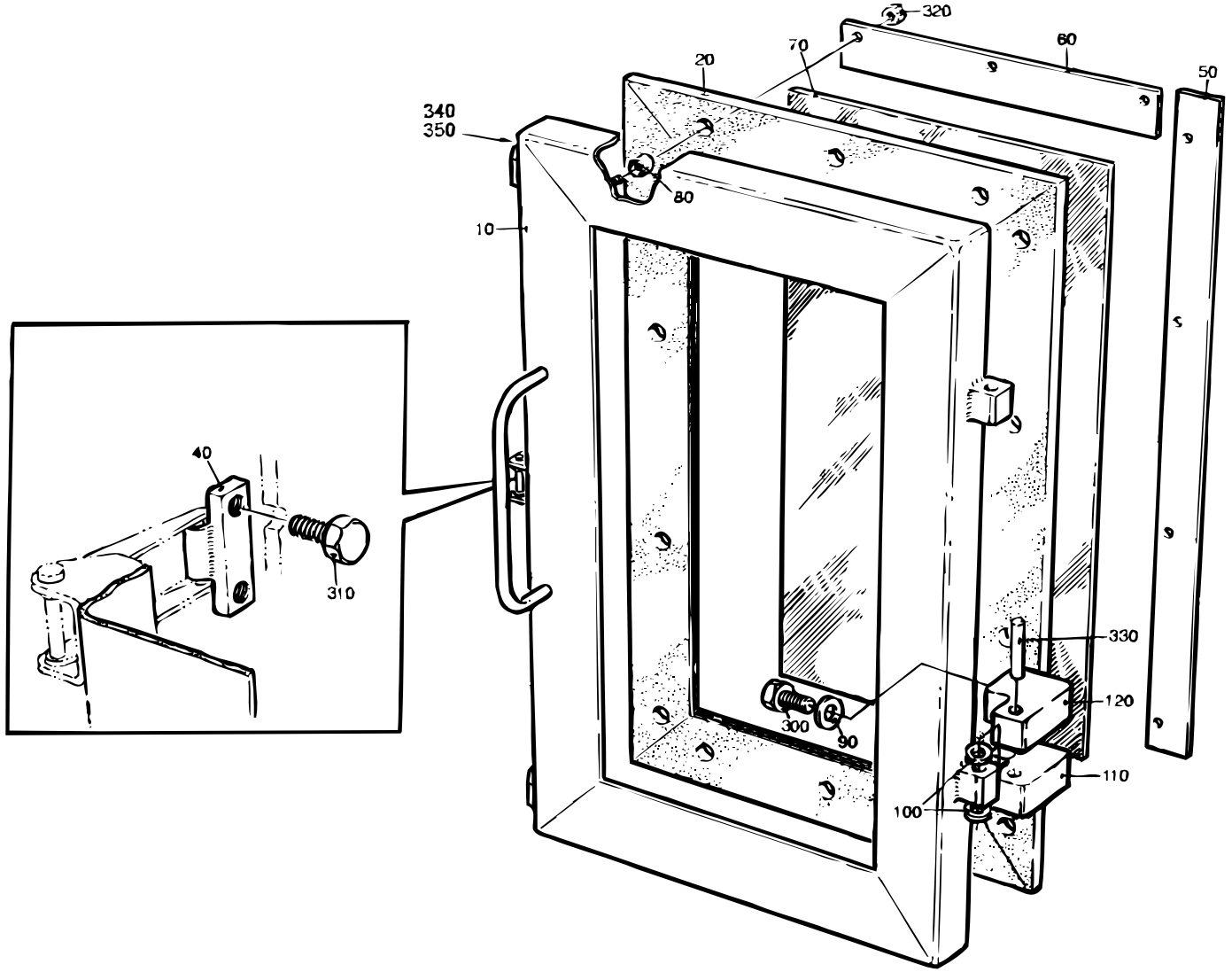




S - 491570-2
ECN 72398

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978542-0000	-		1	FRAME	
020	272780-0000	-		2	COVER SLIP	
030	272785-0000	M		1	RUBBER STRIP	
050	271860-0000	D		2	CLAMP BLOCK	
070	272782-0000	-		2	COVER SLIP	
080	272783-0003	D		1	GLASS PANE	
090	441737-0000	D		2	WASHER	
100	441739-0000	D		4	WASHER	
110	441718-0000	-		18	SPACER	
120	441740-0000	D		2	HINGE FLANGE	
130	441741-0000	D		2	HINGE FLANGE	
300	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
310	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
320	312605-0314	-		18	NUT,HEXAGON,M6M5 Stainless	
330	311103-0413	-		2	PINS,STRAIGHT 8X50	
340	312155-0329	-		2	SCREW MF6S DIN 7991 M5x16 A280	
350	312812-0314	-		2	NUT,HEXAGON,LOCK,WITH NYLON,M5	
360	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	

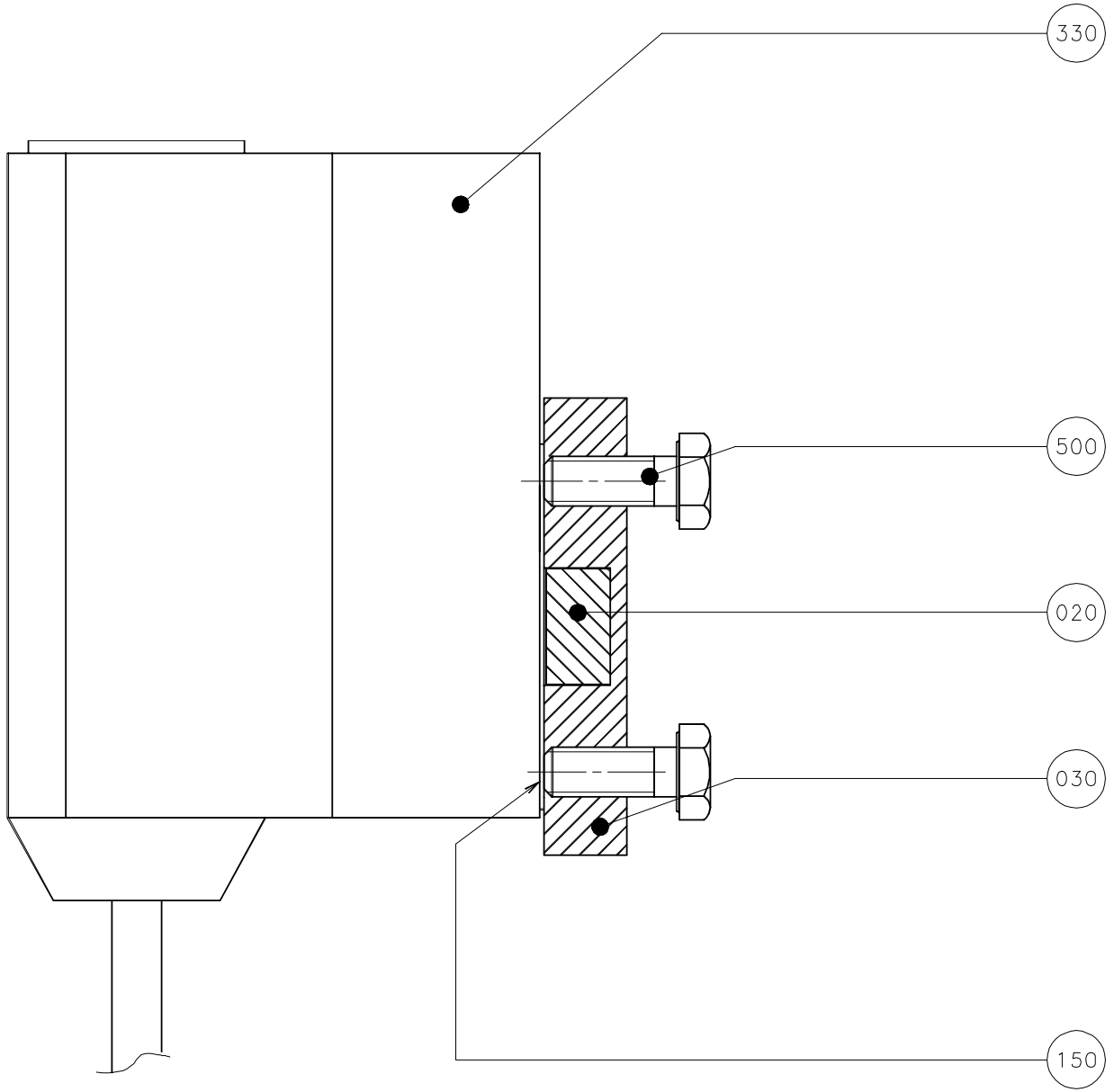
Pos	Part No	SP	UN	Qty	Description	Page No


320
60
70
20
50
340
350
80
10
40
310
330
120
300
90
110
100

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	978543-0000	-		1	FRAME	
020	272784-0002	M		1	RUBBER STRIP	
040	271860-0000	D		1	CLAMP BLOCK	
050	272781-0002	-		2	COVER SLIP	
060	272782-0000	-		2	COVER SLIP	
070	272783-0002	D		1	GLASS PANE	
080	441718-0000	D		14	SPACER	
090	441737-0000	D		2	WASHER	
100	441739-0000	D		4	WASHER	
110	441740-0000	D		2	HINGE FLANGE	
120	441741-0000	D		2	HINGE FLANGE	
300	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
310	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
320	312605-0314	-		14	NUT,HEXAGON,M6M5 Stainless	
330	311103-0413	-		2	PINS,STRAIGHT 8X50	
340	312155-0329	-		4	SCREW MF6S DIN 7991 M5x16 A280	
350	312812-0314	-		4	NUT,HEXAGON,LOCK,WITH NYLON,M5	
360	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	

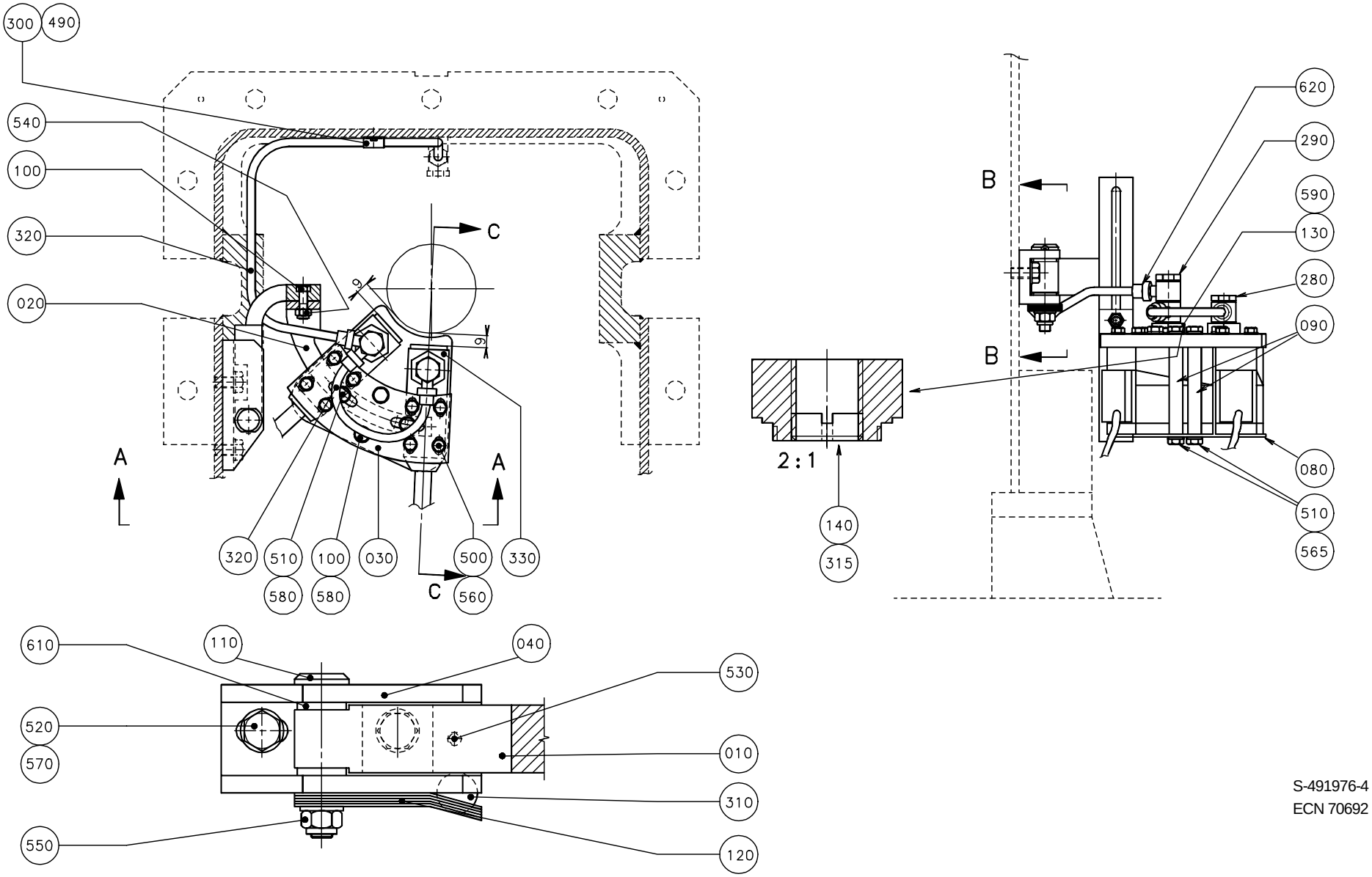
Pos	Part No	SP	UN	Qty	Description	Page No

PHOTOCELL UNIT



S-491976-3
ECN 71244

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	751456-0000	-		1	HOLDER	
020	751457-0000	D		1	CANTILEVER	
030	978735-0000	D		1	FASTENING PLATE	
080	1260486-0000	-		1	PLATE	
090	1260490-0000	-		2	NUT	
100	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
150	536374-0000	-		2	WASHER	
500	312105-0329	-		10	SCREW M6S ISO 4017 M5x16 A280	
510	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
580	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
TBA 0180B						
010	751456-0000	-		1	HOLDER	
020	751457-0000	D		1	CANTILEVER	
030	978735-0000	D		1	FASTENING PLATE	
080	1260486-0000	-		1	PLATE	
090	1260490-0000	-		2	NUT	
100	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
150	536374-0000	-		2	WASHER	
500	312105-0329	-		10	SCREW M6S ISO 4017 M5x16 A280	
510	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
580	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
Common parts						
040	490876-0000	-		1	BRACKET	
110	457367-0000	M		1	SHAFT	
120	457368-0000	M		5	SPRING	
130	548337-0000	M		2	BUSHING	
140	548336-0000	M		2	WASHER	
280	90030-0265	-		1	HOLLOW SCREW	
290	90030-0266	-		1	HOLLOW SCREW	
300	90074-0001	-		1	CLIPS, Cable clips di=10 mm	
310	90090-0016	-		1	STEEL BALL SKF RB-15 RS	
315	90157-0016	-		x	LOCKING FLUID	
320	90166-0124	-	MM	750	TUBE 6 mm PA,Transp.	
330	90232-0055	J		2	PHOTOCELL SICK NT6-1492 0S17	
490	312105-0287	-		1	SCREW M6S ISO 4017 M4x8 A280	
520	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
530	312318-0325	-		1	STOP SCREW SK6SS5X10RFR	
540	312812-0316	-		2	NUT,HEXAGON,LOCK,WITH NYLON INSERT,M6	
550	312812-0318	-		1	LOCK-NUT,HEXAGON,WITH NYLON,M8	
560	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
565	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
590	315204-0116	I		2	O-RINGS 18,1X1,6	
610	321101-0143	-		2	FLANGE BUS 8F7X8	
620	342980-0114	-		3	BANJO-CONNECTION,RING 6/4-G1/4"	



S-491976-4
ECN 70692

Pos	Part No	SP	UN	Qty	Description	Page No
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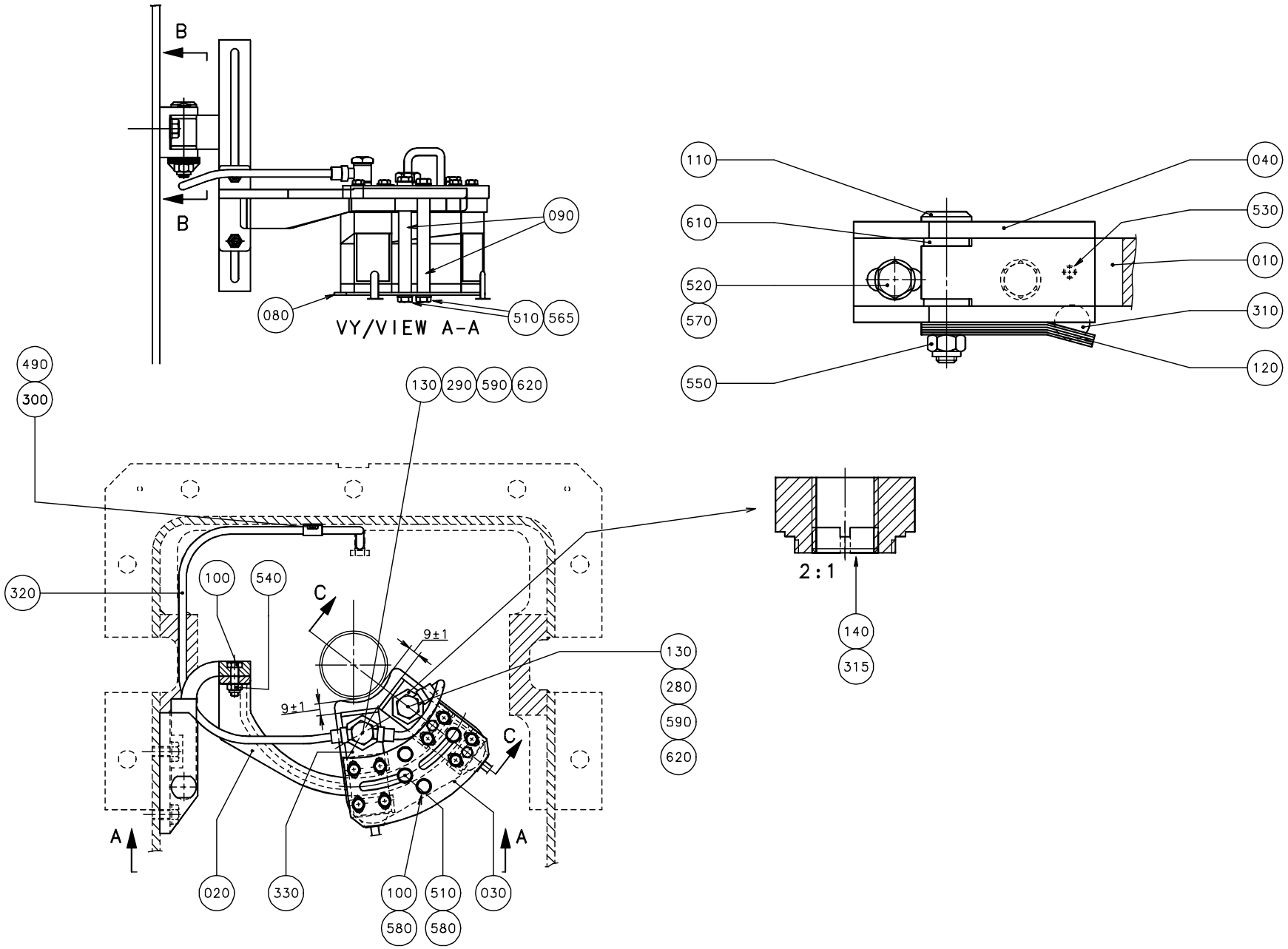
010	751456-0000	-		1	HOLDER	
020	751457-0000	D		1	CANTILEVER	
030	978735-0000	D		1	FASTENING PLATE	
080	1260486-0000	-		1	PLATE	
090	1260490-0000	-		2	NUT	
100	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
150	536374-0000	-		2	WASHER	
500	312105-0329	-		10	SCREW M6S ISO 4017 M5x16 A280	
510	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
580	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
TBA 0180B						
010	751456-0000	-		1	HOLDER	
020	751457-0000	D		1	CANTILEVER	
030	978735-0000	D		1	FASTENING PLATE	
080	1260486-0000	-		1	PLATE	
090	1260490-0000	-		2	NUT	
100	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
150	536374-0000	-		2	WASHER	
500	312105-0329	-		10	SCREW M6S ISO 4017 M5x16 A280	
510	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
580	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
Common parts						
040	490876-0000	-		1	BRACKET	
110	457367-0000	M		1	SHAFT	
120	457368-0000	M		5	SPRING	
130	548337-0000	M		2	BUSHING	
140	548336-0000	M		2	WASHER	
280	90030-0265	-		1	HOLLOW SCREW	
290	90030-0266	-		1	HOLLOW SCREW	
300	90074-0001	-		1	CLIPS, Cable clips di=10 mm	
310	90090-0016	-		1	STEEL BALL SKF RB-15 RS	
315	90157-0016	-		x	LOCKING FLUID	
320	90166-0124	-	MM	750	TUBE 6 mm PA,Transp.	
330	90232-0055	J		2	PHOTOCELL SICK NT6-1492 0S17	
490	312105-0287	-		1	SCREW M6S ISO 4017 M4x8 A280	
520	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
530	312318-0325	-		1	STOP SCREW SK6SS5X10RFR	
540	312812-0316	-		2	NUT,HEXAGON,LOCK,WITH NYLON INSERT,M6	
550	312812-0318	-		1	LOCK-NUT,HEXAGON,WITH NYLON,M8	
560	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
565	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
590	315204-0116	I		2	O-RINGS 18,1X1,6	
610	321101-0143	-		2	FLANGE BUS 8F7X8	
620	342980-0114	-		3	BANJO-CONNECTION,RING 6/4-G1/4"	

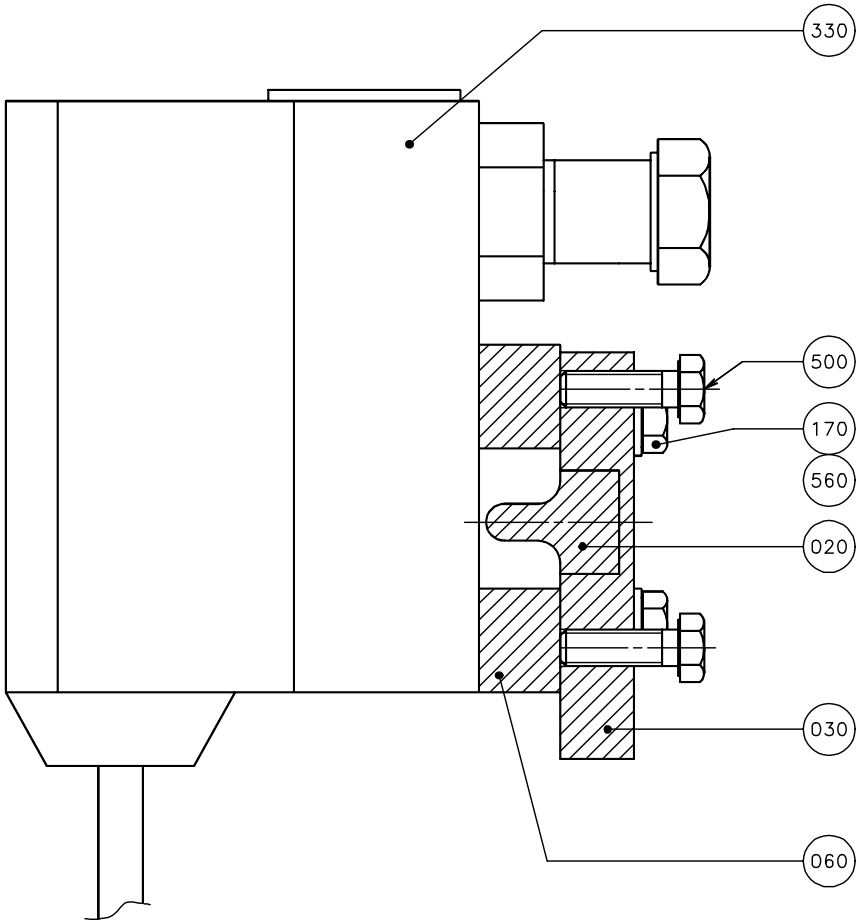


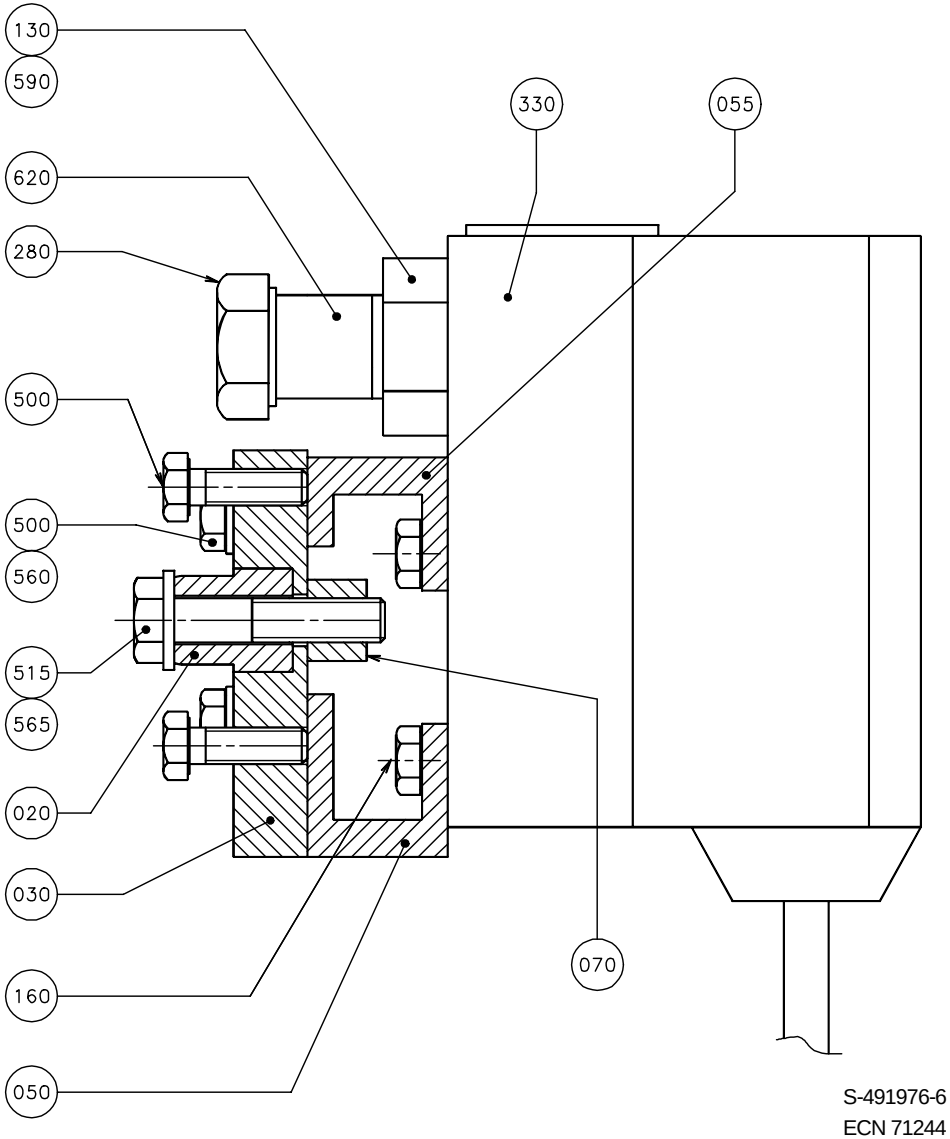
S-491976-5
ECN 71244

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	751456-0000	-		1	HOLDER	
020	751457-0000	D		1	CANTILEVER	
030	978735-0000	D		1	FASTENING PLATE	
080	1260486-0000	-		1	PLATE	
090	1260490-0000	-		2	NUT	
100	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
150	536374-0000	-		2	WASHER	
500	312105-0329	-		10	SCREW M6S ISO 4017 M5x16 A280	
510	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
580	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
TBA 0200M						
010	751456-0000	-		1	HOLDER	
020	751476-0000	D		1	CANTILEVER	
030	491880-0000	D		1	FASTENING PLATE	
060	752554-0000	M		4	SPACER	
Common parts						
040	490876-0000	-		1	BRACKET	
110	457367-0000	M		1	SHAFT	
120	457368-0000	M		5	SPRING	
130	548337-0000	M		2	BUSHING	
140	548336-0000	M		2	WASHER	
280	90030-0265	-		1	HOLLOW SCREW	
290	90030-0266	-		1	HOLLOW SCREW	
300	90074-0001	-		1	CLIPS, Cable clips di=10 mm	
310	90090-0016	-		1	STEEL BALL SKF RB-15 RS	
315	90157-0016	-		x	LOCKING FLUID	
320	90166-0124	-	MM	750	TUBE 6 mm PA,Transp.	
330	90232-0055	J		2	PHOTOCELL SICK NT6-1492 0S17	
490	312105-0287	-		1	SCREW M6S ISO 4017 M4x8 A280	
520	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
530	312318-0325	-		1	STOP SCREW SK6SS5X10RFR	
540	312812-0316	-		2	NUT,HEXAGON,LOCK,WITH NYLON INSERT,M6	
550	312812-0318	-		1	LOCK-NUT,HEXAGON,WITH NYLON,M8	
560	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
565	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
590	315204-0116	I		2	O-RINGS 18,1X1,6	
610	321101-0143	-		2	FLANGE BUS 8F7X8	
620	342980-0114	-		3	BANJO-CONNECTION,RING 6/4-G1/4"	

Pos	Part No	SP	UN	Qty	Description	Page No

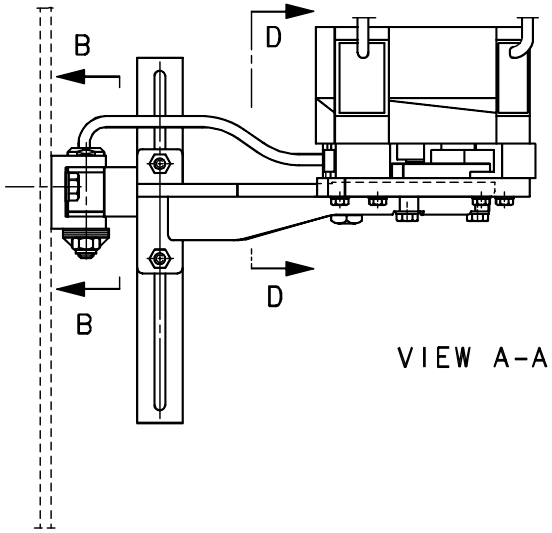
PHOTOCELL UNIT

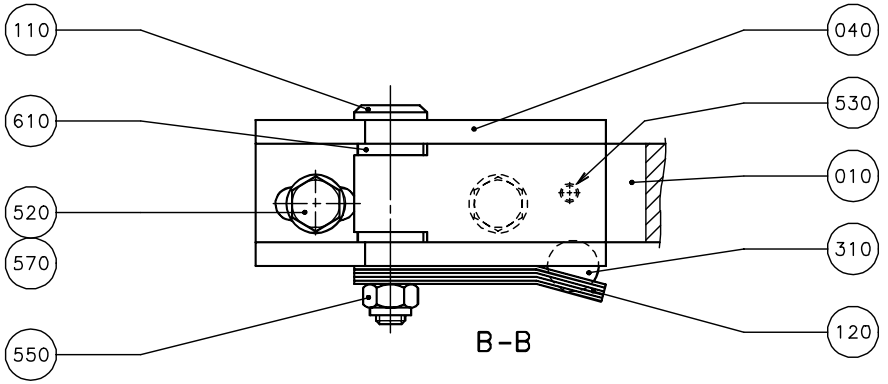


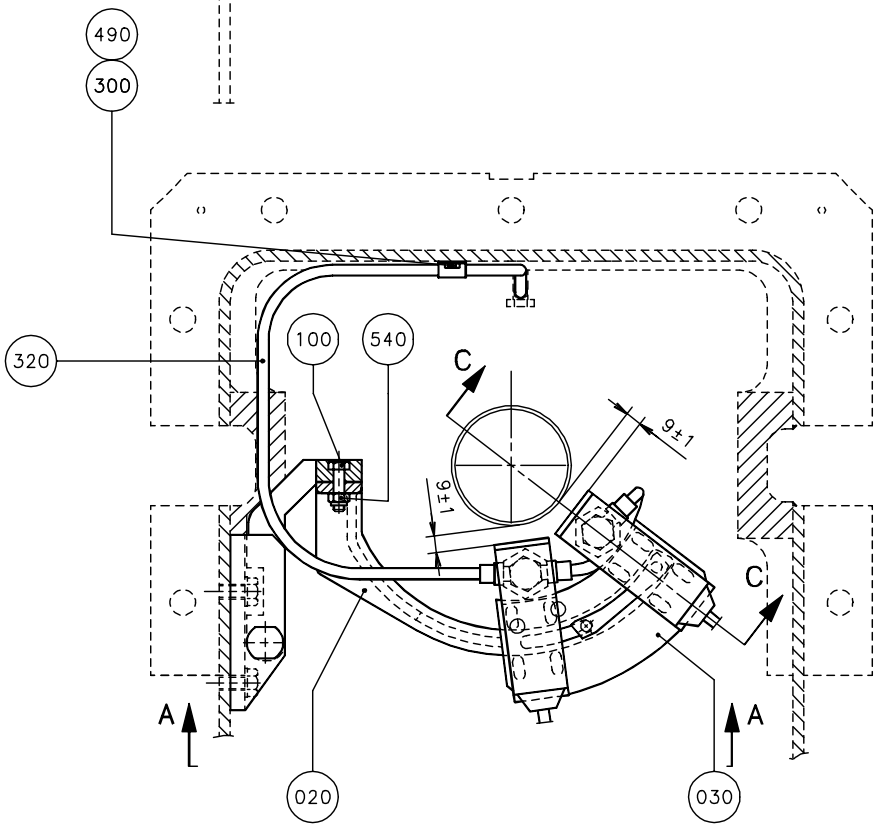


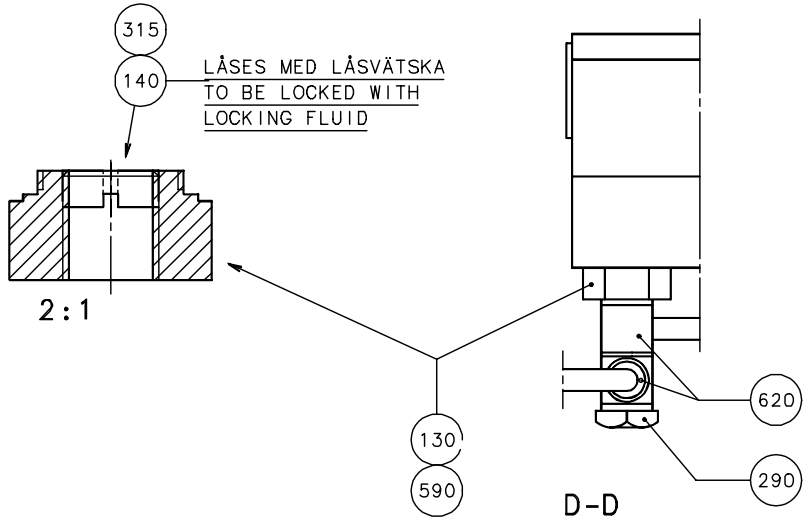
S-491976-6
ECN 71244

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S or TBA 0160S or TBA 0200S or TBA 0250S						
010	751456-0000	-		1	HOLDER	
020	751476-0000	D		1	CANTILEVER	
030	491880-0000	D		1	FASTENING PLATE	
060	752554-0000	M		4	SPACER	
080	1260487-0000	-		1	PLATE	
090	1260491-0000	-		2	NUT	
100	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
170	312109-0335	-		8	SCREW M6S ISO 4017 M5X30 A280	
500	312105-0329	-		2	SCREW M6S ISO 4017 M5x16 A280	
510	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
580	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
TBA 0200M						
010	751456-0000	-		1	HOLDER	
020	751476-0000	D		1	CANTILEVER	
030	491880-0000	D		1	FASTENING PLATE	
060	752554-0000	M		4	SPACER	
TBA 0236B						
010	751456-0000	-		1	HOLDER	
020	565642-0000	D		1	CANTILEVER	
030	491880-0000	D		1	FASTENING PLATE	
050	565670-0000	-		2	SPACER	
055	565671-0000	-		2	SPACER	
070	565641-0000	-		1	LOCK PLATE	
100	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
160	312105-0323	-		8	SCREW M6S ISO 4017 M5X8 A280	
500	312105-0329	-		10	SCREW M6S ISO 4017 M5x16 A280	
515	312105-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
Common parts						
040	490876-0000	-		1	BRACKET	
110	457367-0000	M		1	SHAFT	
120	457368-0000	M		5	SPRING	
130	548337-0000	M		2	BUSHING	
140	548336-0000	M		2	WASHER	
280	90030-0265	-		1	HOLLOW SCREW	
290	90030-0266	-		1	HOLLOW SCREW	
300	90074-0001	-		1	CLIPS, Cable clips di=10 mm	
310	90090-0016	-		1	STEEL BALL SKF RB-15 RS	
315	90157-0016	-		x	LOCKING FLUID	
320	90166-0124	-	MM	750	TUBE 6 mm PA,Transp.	
330	90232-0055	J		2	PHOTOCELL SICK NT6-1492 0S17	
490	312105-0287	-		1	SCREW M6S ISO 4017 M4x8 A280	
520	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
530	312318-0325	-		1	STOP SCREW SK6SS5X10RFR	
540	312812-0316	-		2	NUT,HEXAGON,LOCK,WITH NYLON INSERT,M6	
550	312812-0318	-		1	LOCK-NUT,HEXAGON,WITH NYLON,M8	
560	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
565	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
590	315204-0116	I		2	O-RINGS 18,1X1,6	
610	321101-0143	-		2	FLANGE BUS 8F7X8	
620	342980-0114	-		3	BANJO-CONNECTION,RING 6/4-G1/4"	







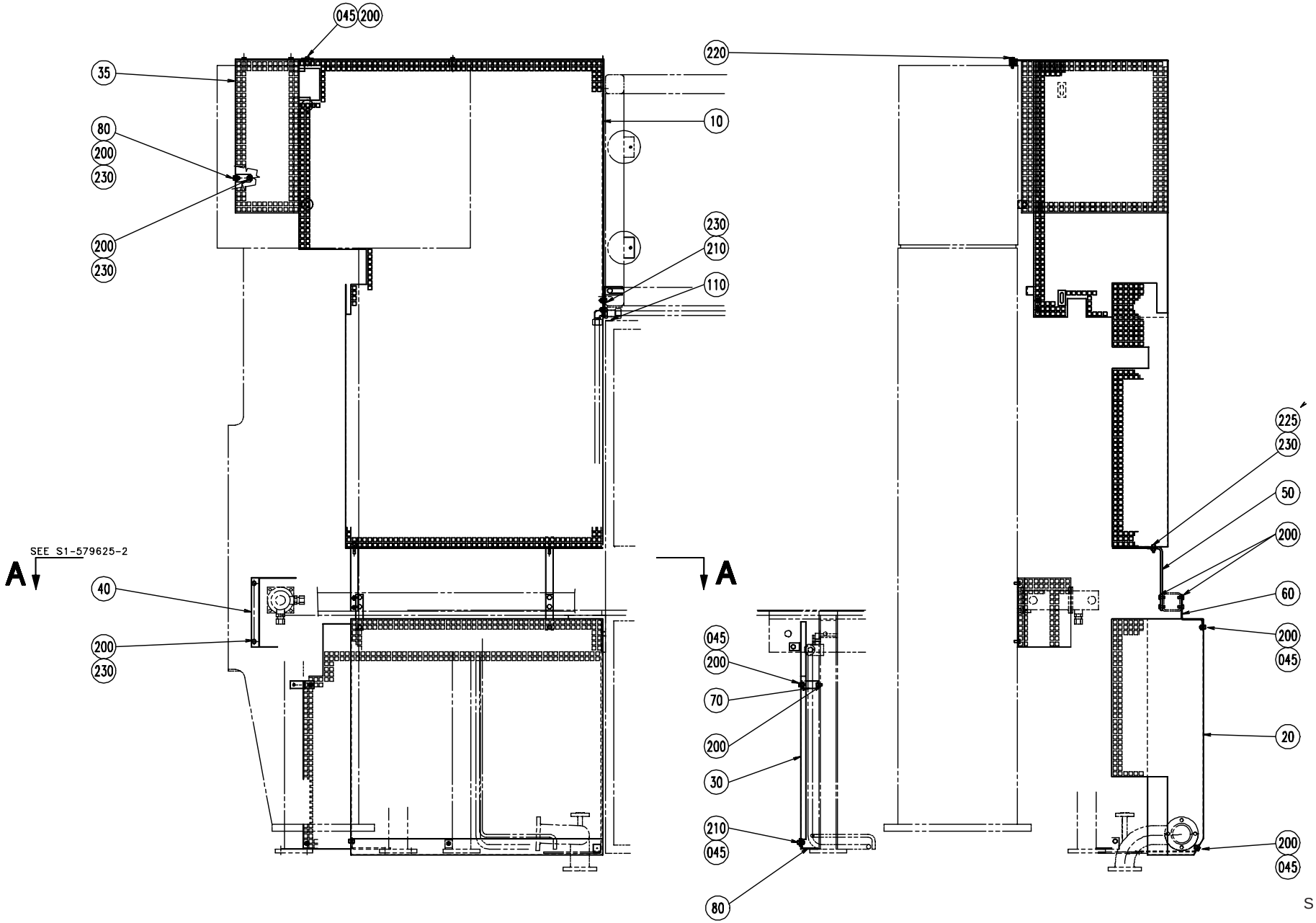


S-491976-7
ECN 70597

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0236B						
010	751456-0000	-		1	HOLDER	
020	565642-0000	D		1	CANTILEVER	
030	491880-0000	D		1	FASTENING PLATE	
050	565670-0000	-		2	SPACER	
055	565671-0000	-		2	SPACER	
070	565641-0000	-		1	LOCK PLATE	
100	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
160	312105-0323	-		8	SCREW M6S ISO 4017 M5X8 A280	
500	312105-0329	-		10	SCREW M6S ISO 4017 M5x16 A280	
515	312105-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
Common parts						
040	490876-0000	-		1	BRACKET	
110	457367-0000	M		1	SHAFT	
120	457368-0000	M		5	SPRING	
130	548337-0000	M		2	BUSHING	
140	548336-0000	M		2	WASHER	
280	90030-0265	-		1	HOLLOW SCREW	
290	90030-0266	-		1	HOLLOW SCREW	
300	90074-0001	-		1	CLIPS, Cable clips di=10 mm	
310	90090-0016	-		1	STEEL BALL SKF RB-15 RS	
315	90157-0016	-		x	LOCKING FLUID	
320	90166-0124	-	MM	750	TUBE 6 mm PA,Transp.	
330	90232-0055	J		2	PHOTOCELL SICK NT6-1492 0S17	
490	312105-0287	-		1	SCREW M6S ISO 4017 M4x8 A280	
520	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
530	312318-0325	-		1	STOP SCREW SK6SS5X10RFR	
540	312812-0316	-		2	NUT,HEXAGON,LOCK,WITH NYLON INSERT,M6	
550	312812-0318	-		1	LOCK-NUT,HEXAGON,WITH NYLON,M8	
560	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
565	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
590	315204-0116	I		2	O-RINGS 18,1X1,6	
610	321101-0143	-		2	FLANGE BUS 8F7X8	
620	342980-0114	-		3	BANJO-CONNECTION,RING 6/4-G1/4"	

Pos	Part No	SP	UN	Qty	Description	Page No

PROTECTIVE GRATING

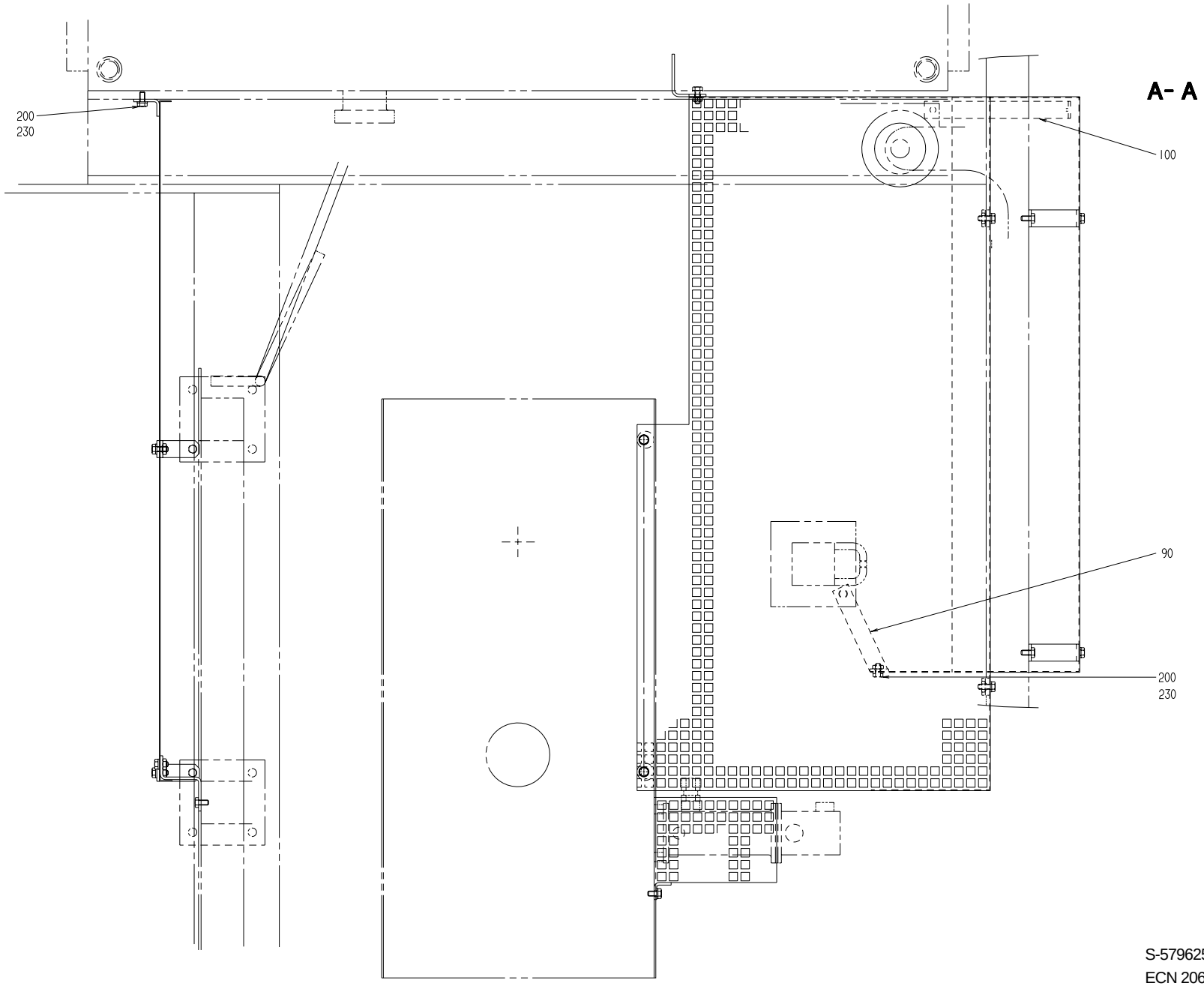


S - 579625-1

ECN 20672

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	579626-0000	-		1	TOUCH GUARD	
020	579627-0000	-		1	TOUCH GUARD	
030	579628-0000	-		1	TOUCH GUARD	
035	979506-0000	-		1	TOUCH GUARD	
040	579629-0000	-		1	TOUCH GUARD	
045	315125-0153	-		9	WASHERS,PLAIN ROUND,CHAMFERED 6,4X22X4	
050	579630-0000	-		2	BRACKET	
060	579631-0000	-		2	BRACKET	
070	579632-0000	-		1	BRACKET	
080	579633-0000	-		2	BRACKET	
090	579634-0000	-		1	BRACKET	
100	579635-0000	-		1	BRACKET	
110	579636-0000	-		1	BRACKET	
200	312105-0366	-		22	SCREW M6S ISO 4017 M6x12 A280	
210	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
220	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
225	312902-0316	-		2	NUTS,HEXAGON,LEFT HAND THREAD,M6	
230	315105-0153	-		12	WASHER,PLAIN ROUND 6,4x12 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

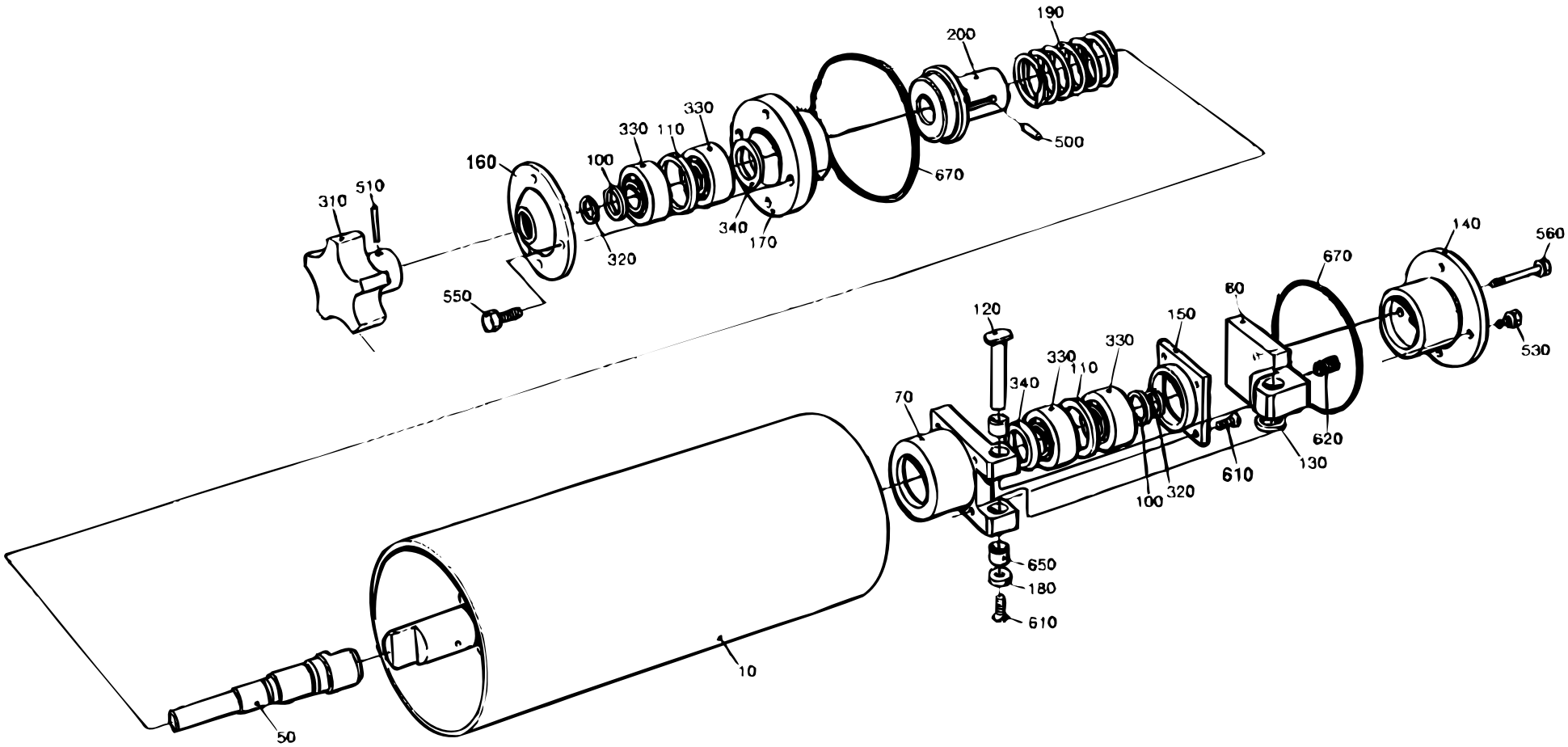


S-579625-2
ECN 20672

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	579626-0000	-		1	TOUCH GUARD	
020	579627-0000	-		1	TOUCH GUARD	
030	579628-0000	-		1	TOUCH GUARD	
035	979506-0000	-		1	TOUCH GUARD	
040	579629-0000	-		1	TOUCH GUARD	
045	315125-0153	-		9	WASHERS,PLAIN ROUND,CHAMFERED 6,4X22X4	
050	579630-0000	-		2	BRACKET	
060	579631-0000	-		2	BRACKET	
070	579632-0000	-		1	BRACKET	
080	579633-0000	-		2	BRACKET	
090	579634-0000	-		1	BRACKET	
100	579635-0000	-		1	BRACKET	
110	579636-0000	-		1	BRACKET	
200	312105-0366	-		22	SCREW M6S ISO 4017 M6x12 A280	
210	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
220	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
225	312902-0316	-		2	NUTS,HEXAGON,LEFT HAND THREAD,M6	
230	315105-0153	-		12	WASHER,PLAIN ROUND 6,4x12 Stainless	

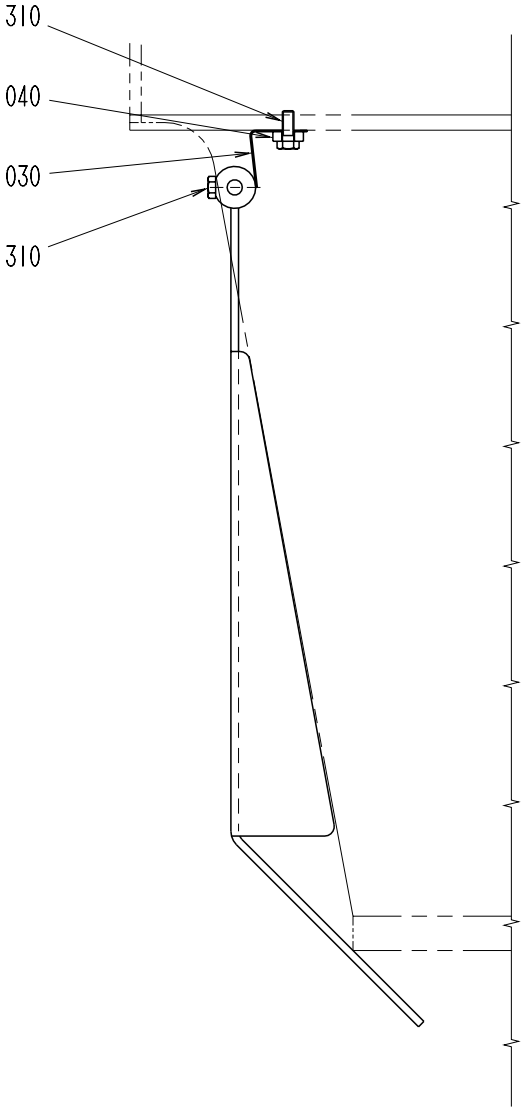
Pos	Part No	SP	UN	Qty	Description	Page No

CREASE ROLLER



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	490882-0000	D		1	ROLL	
050	752744-0000	D		1	SHAFT	
060	271835-0000	D		1	BRACKET	
070	456012-0000	D		1	BEARING SEAT	
100	15529-0000	D		2	WASHER	
110	247172-0000	M		2	SPACER RING	
120	751467-0000	M		1	SHAFT	
130	271656-0000	M		2	WASHER	
140	572159-0000	-		1	BRACKET	
150	456013-0000	-		1	BEARING COVER	
160	572231-0000	-		1	BEARING COVER	
170	572160-0000	D		1	BEARING SEAT	
180	271844-0000	D		1	WASHER	
190	272001-0000	D		1	COMPRESSION SPRING	
200	295010-0000	D		1	GUIDE SLEEVE	
310	90051-0045	-		1	HANDLE	
320	90141-0011	D		2	RING	
330	90214-0098	I		4	BALL BEARING,STAINLESS	
340	90214-0303	I		2	SEALING RING 18,6X35X2	
350	90296-0091	I		x	LUBRICATION GREASE	
500	311103-0234	-		1	PIN,STRAIGHT 3x12	
510	311103-0238	-		1	PIN,STRAIGHT 3x20	
530	312105-0364	-		4	SCREW M6S 6x10 A280	
550	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
560	312105-0371	-		2	SCREW M6S6X22RFR	
610	312145-0287	-		5	SLOTTED HEMFS4X8RFR	
620	312318-0364	-		1	STOP SCREW SK6SS6X10RFR	
650	321127-0100	I		2	BEARING BUSHING WITHOUT FLANGE,10/13X10	
670	315204-0301	I		2	O-RINGS 49,5X3	

Pos	Part No	SP	UN	Qty	Description	Page No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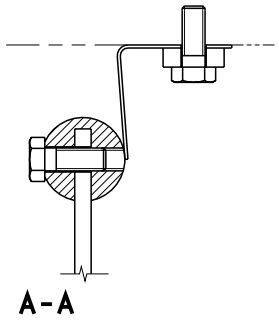
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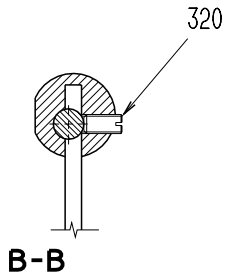
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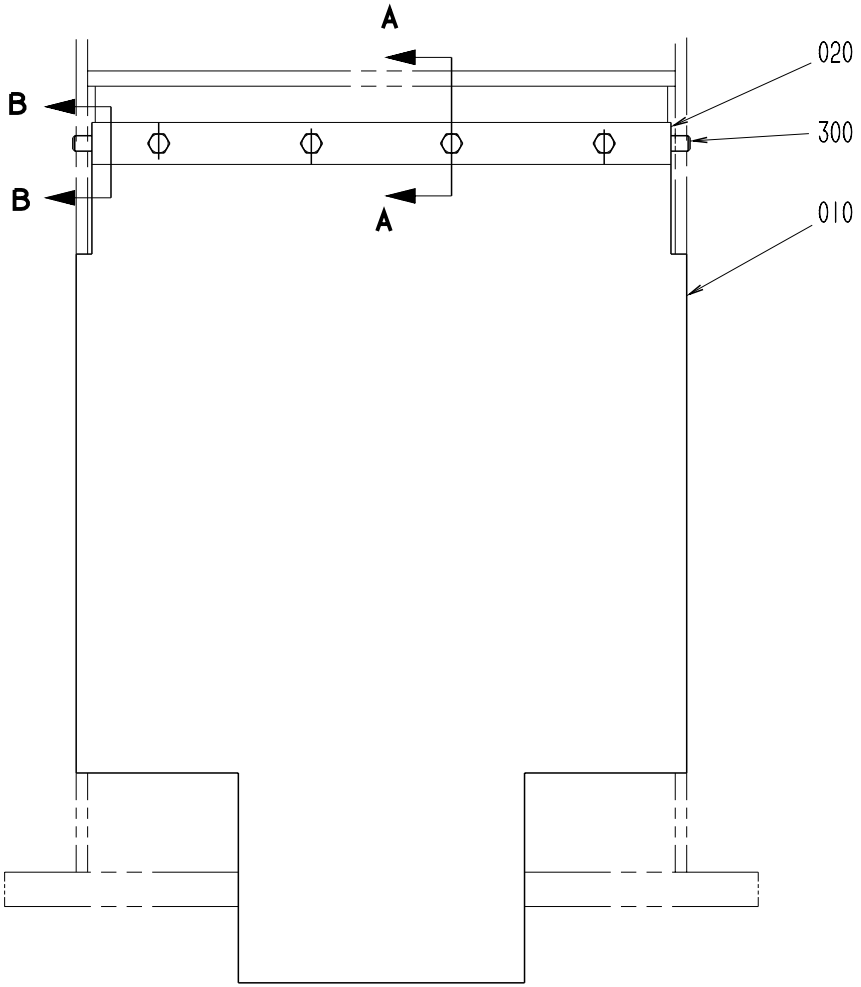
A
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B
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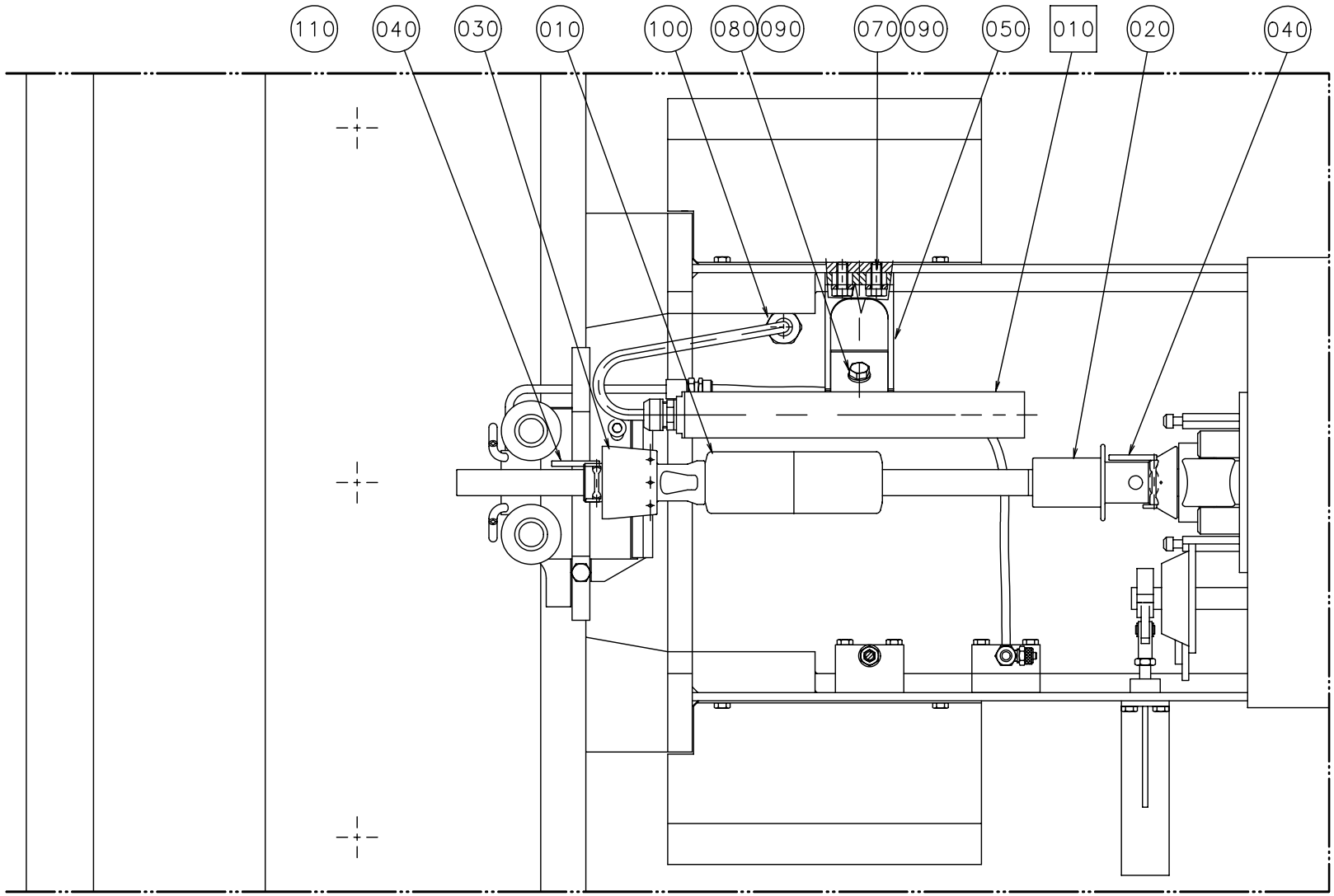
020
300
010

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	751674-0000	D		1	HATCH	
020	456809-0000	-		1	SHAFT	
030	469922-0000	-		1	SPRING	
040	469927-0000	-		1	RIM	
300	311103-0405	-		2	PINS,STRAIGHT 8X30	
310	312105-0368	-		7	SCREW M6S ISO 4017 M6x16 A280	
320	312318-0323	-		2	SET SCREW CUP POINT ISO 4029 M5X8 RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

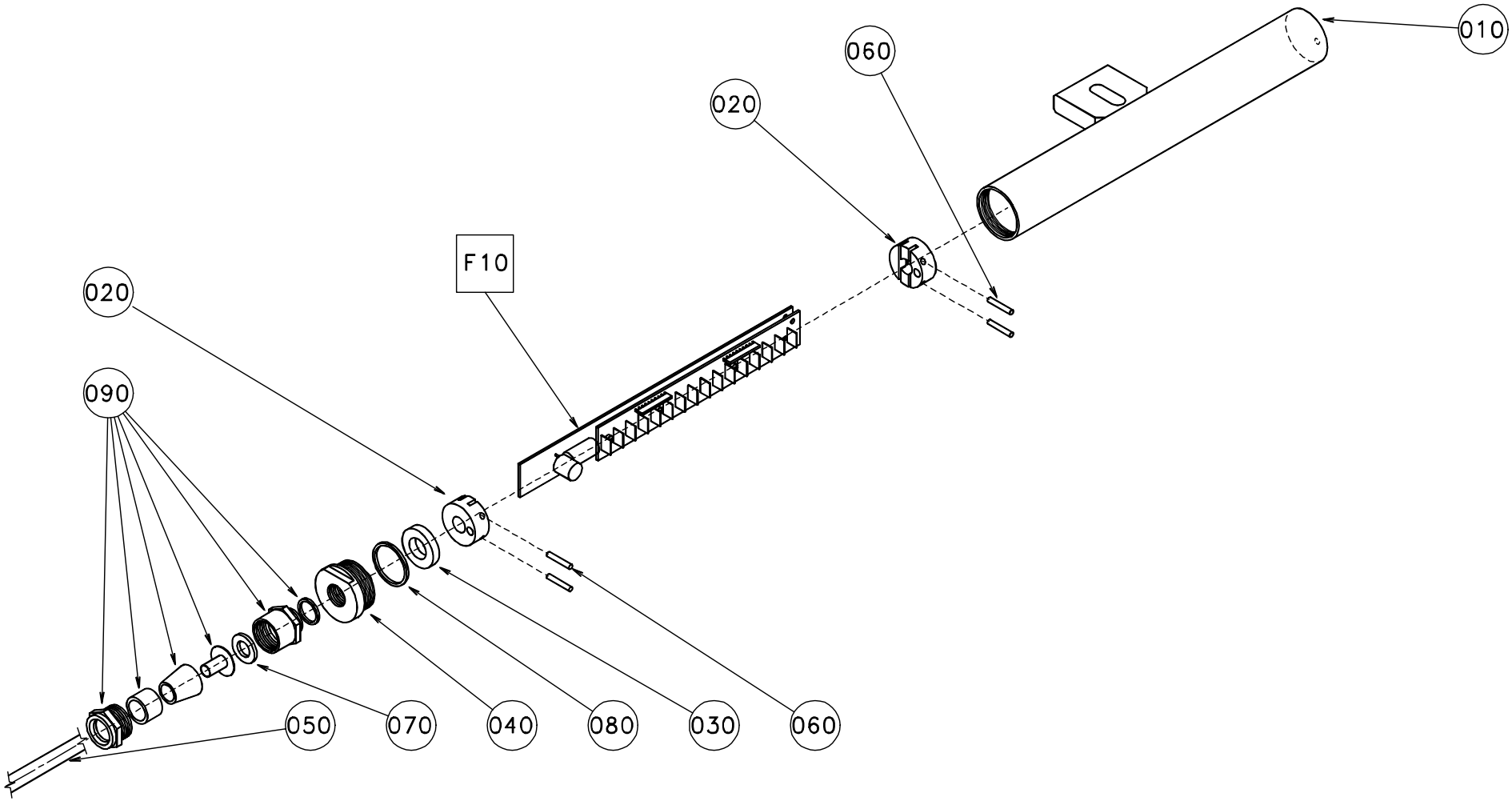
LEVEL PROBE



S-925991-1
ECN 72859

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F010	A 42062-0100	M		1	LEVEL PROBE	**152**
050	979368-0000	-		1	HOLDER	
070	312105-0451	-		2	SCREW M6S ISO 4017 8x20 A280	
080	312105-0452	-		1	SCREW M6S 8x22 Stainless	
090	315115-0165	-		3	WASHER TBRB 8,4x16 Stainless	
100	352103-0106	-		1	CABLE GLAND ST 11	
110	352113-0102	-		6	CLIP-STRIP,Black 188x4,8mm	
TBA 0100B or TBA 0125S						
010	979330-0000	-		1	FLOATER	
020	1499369-0000	-		1	FILLING PIPE LOWER	
030	1296007-0000	-		1	PRESSURE FLANGE	
040	978562-0000	-		2	LOCKING FINGER	
TBA 0160S or TBA 0200S						
010	979330-0000	-		1	FLOATER	
020	1499366-0000	-		1	FILLING PIPE LOWER	
030	1346595-0000	-		1	PRESSURE FLANGE	
040	978562-0000	-		2	LOCKING FINGER	
TBA 0250S						
010	979330-0000	-		1	FLOATER	
020	1317912-0000	M		1	FILLING PIPE LOWER	
030	1296008-0000	M		1	PRESSURE FLANGE	
040	38535-0002	I		2	LOCKING FINGER	
TBA 0180B or TBA 0200B						
010	979326-0000	M		1	FLOAT	
020	1317911-0000	M		1	FILLING PIPE LOWER	
030	1260747-0000	M		1	PRESSURE FLANGE	
040	38535-0002	I		2	LOCKING FINGER	
TBA 0236B or TBA 0284B or TBA 0300S						
010	979326-0000	M		1	FLOAT	
020	1499365-0000	M		1	FILLING PIPE LOWER	
030	1346594-0000	M		1	PRESSURE FLANGE	
040	38535-0002	I		2	LOCKING FINGER	
TBA 0250B						
010	979326-0000	M		1	FLOAT	
020	1346470-0000	M		1	FILLING PIPE LOWER	
030	1346593-0000	M		1	PRESSURE FLANGE	
040	38535-0002	I		2	LOCKING FINGER	
TBA 0330S						
010	979326-0000	M		1	FLOAT	
020	1499367-0000	M		1	FILLING PIPE LOWER	
030	1346594-0000	M		1	PRESSURE FLANGE	
040	38535-0002	I		2	LOCKING FINGER	
TBA 0200M						
010	979330-0000	-		1	FLOATER	
020	1499368-0000	M		1	FILLING PIPE LOWER	
030	1296008-0000	M		1	PRESSURE FLANGE	
040	38535-0002	I		2	LOCKING FINGER	

LEVEL PROBE



Pos	Part No	SP	UN	Qty	Description	Page No
TBA/19						
010	925999-0000	-		1	PROTECTION PIPE	
Common parts						
F010	A 42063-0100	-		1	LEVEL DETECTOR	
020	925877-0000	-		2	SUPPORT	
030	736514-0000	-		1	SHOCK ABSORBER	
040	926820-0000	-		1	PLUG	
050	90220-0085	-	M	6	CABLE 4x0.75 mm2 Screened	
060	311111-0209	-		4	SLOTTED TUFRP3X18	
070	315105-0171	-		1	WASHER,PLAIN ROUND 10x18	
080	315202-0120	-		1	O-RING 27,1x1,6	
090	90012-0119	-		1	GLAND FITTING	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	A 42067-0100	-		1	SENSOR BOARD	
020	A 42068-0100	-		1	CONVERTER BOARD	
060	312125-0228	-		3	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
070	312812-0310	-		3	NUT,HEXAGON,LOCK,WITH NYLON,M3	
080	315105-0124	-		9	WASHER,PLAIN ROUND 3,2x6	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S or TBA 0160S or TBA 0200M or TBA 0200S or TBA 0250S						
030	272479-0000	-		1	PRESSURE ROLLER	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
020	257330-0000	-		1	PRESSURE ROLLER	
Common parts						
F010	A1296877-0100	-		1	SEAL KIT	
040	441804-0000	-		1	COIL HEATER	
050	484197-0000	-		1	FILTER	
060	491418-0001	-		1	O-RING	
070	578494-0000	-		1	O-RING	
080	578495-0000	-		1	O-RING	
090	90042-0548	-		1	GASKET ASCO	
100	90206-0031	-		1	HEATING ELEMENT 700+1200W,220V	
110	B 90206-0070	-		1	HEATING ELEMENT 6000W 380/220V	
120	90424-0304	-		1	GASKET	
130	927421-0006	-		1	O-RING 17.3X2.4 SILICON	
140	927422-0003	-		1	O.RING 24.2X3 SILICON	
150	927422-0008	-		1	O-RING 49.5X3 SILICON	
160	925998-0000	-		6	DIAPHRAGM	
170	736514-0000	-		1	SHOCK ABSORBER	
180	90328-0026	-		3	SILENCER	
190	342850-0303	-		6	GASKET	
200	342850-0304	-		6	GASKET	
210	342850-0305	-		2	GASKET	
220	926822-0000	-		6	GASKET	
230	90044-0145	-		1	PROXIMITY SWITCH	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	530589-0000	-		4	SEAL RING	
020	530588-0000	-		1	SEAL RING	
030	533169-0000	-		1	DIAPHRAGM	
040	539212-0000	-		1	GASKET	
050	90091-0266	-		2	SEAL RING	
060	90207-0363	-		1	GASKET	
070	90207-0365	-		1	GASKET	
100	315204-0215	-		1	O-RING 19,2x3 VITON	
110	315204-0301	-		1	O-RINGS 49,5X3	

Pos	Part No	SP	UN	Qty	Description	Page No

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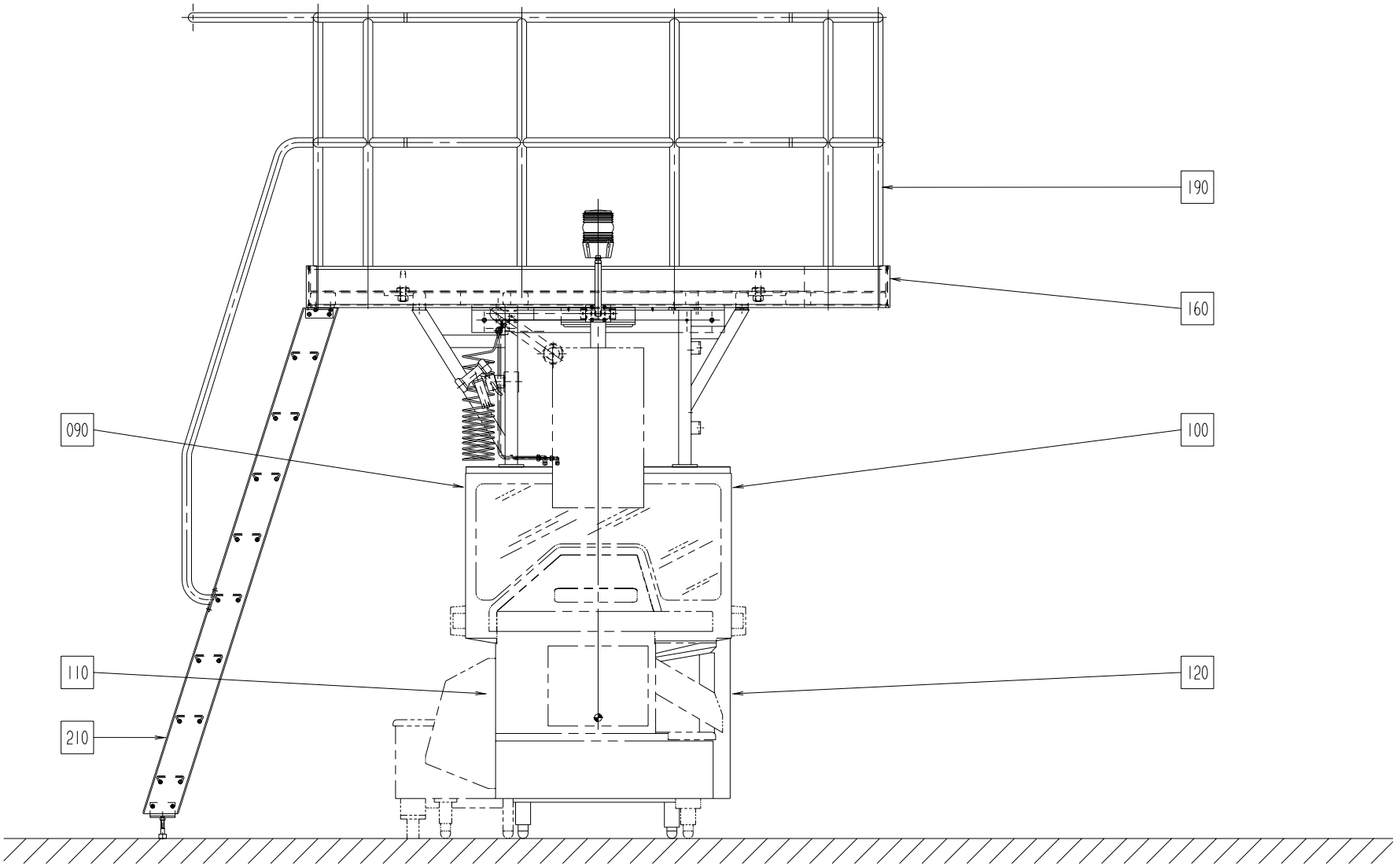
Pos	Part No	SP	UN	Qty	Description	Page No
90042-0171						
	90042-0466	K		1	DIAPHRAGM 330.95.2 VITON	
90044-0103						
	90044-0310	-		1	KEY FOR SAFETY SWITCH -103	
90125-0020						
	270926-0000	K		6	NUT	
	270927-0000	K		3	SCREW	
	294464-0000	K		1	BASE PLATE	
90206-0070						
	90206-0326	-		1	CONNECTION BOX	
90239-0773						
	90239-0442	K		1	SEAL KIT	
90239-0779						
	90239-0442	K		1	SEAL KIT	
90277-0055						
	90277-0339	-		1	O-RING	
90326-0048						
	90326-0304	-		1	LEAD IN	
90424-0017						
	90424-0301	K		1	SLEEVE	
	90424-0302	K		1	GASKET	
	90424-0303	K		1	GASKET	
	90424-0304	F		1	GASKET	
255870-0000						
0010	1282023-0002	-		1	CAST WORKPIECE	
451430-0000						
	312605-0312	-		4	NUT,HEXAGON,M4 RFR	
456905-0000						
0010	1282582-0000	-		1	CAST WORKPIECE	
469041-0000						
0010	1282583-0000	-		1	CAST WORKPIECE	
469159-0000						
	311103-0369	-		1	PINS,STRAIGHT 6x60	
484196-0000						
	484197-0000	F		1	FILTER	
544906-0000						
	90042-0464	-		1	DIAPHRAGM VITON 1211321	
	90042-0465	-		1	O-RING VITON 17,17x1,78	
574404-0000						
0010	1282582-0000	-		1	CAST WORKPIECE	
574416-0000						
0010	1282583-0000	-		1	CAST WORKPIECE	
578031-0000						
0010	1282023-0002	-		1	CAST WORKPIECE	
751503-0000						
	90166-0179	-	M	1	SHRINKABLE HOSE	
752140-0000						
	90166-0179	-	M	1	SHRINKABLE HOSE	
752155-0000						
	90166-0179	-	M	1	SHRINKABLE HOSE	
978999-0000						
	90235-0483	R		x	Gasket	

Tetra Pak

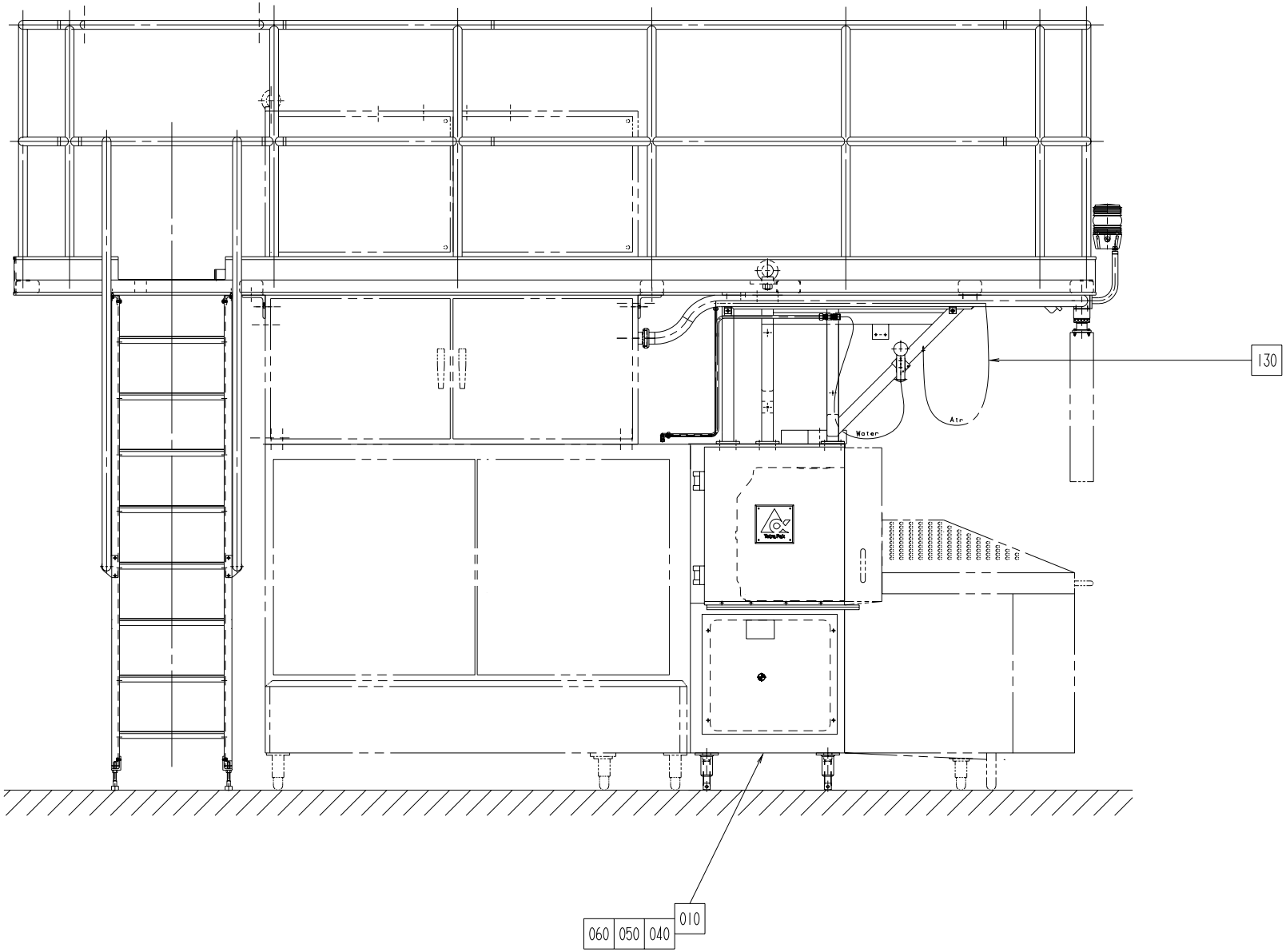
SPC

Spare Parts Catalogue


190
160
090
100
110
120
210

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F050	A 571918-0100	-		2	TRANSMISSION	**180**
F060	A 271562-0900	-		1	PIPE WORK MACHINE BODY	**182**
F090	A 271442-0400	-		1	DOOR	**194**
F100	A 271443-0400	-		1	DOOR	**196**
F110	A 256665-0200	-		1	HATCH	**198**
F120	A1296815-0100	-		1	HATCH	**200**
F130	A 271414-0200	-		1	AIR JET GUN	**202**
F160	A 456458-0500	-		1	PLATFORM TBA/19	**204**
F190	A 456460-0500	-		1	RAILING	**212**
F210	A 572306-0200	-		1	LADDER	**220**
F220	A 579241-0100	D		1	DATING UNIT	**222**
TBA						
F010	A 456100-0400	-		1	MACHINE BODY	**168**
F040	A 456180-0100	-		1	DROP CHUTE	**176**

Pos	Part No	SP	UN	Qty	Description	Page No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Water
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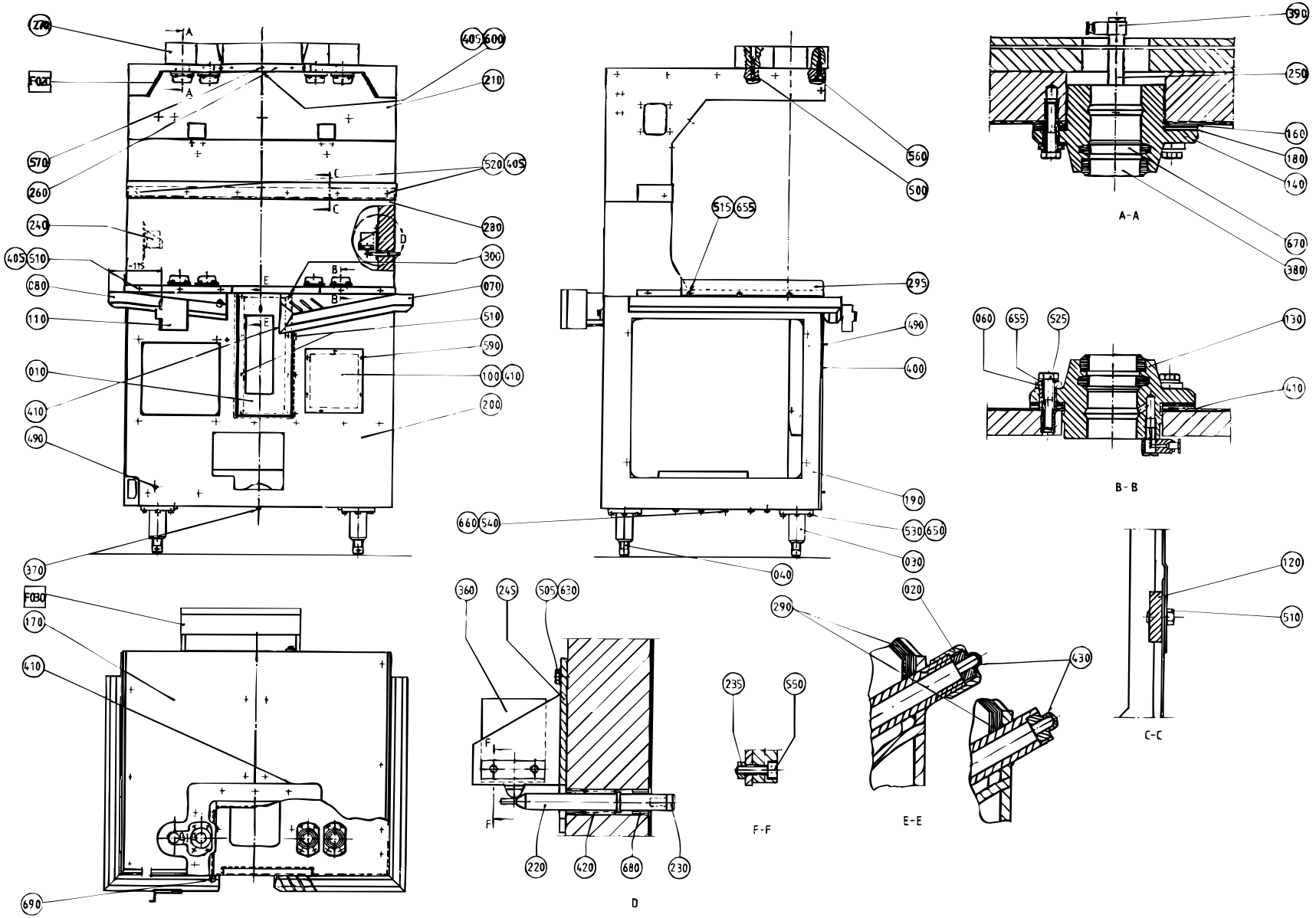
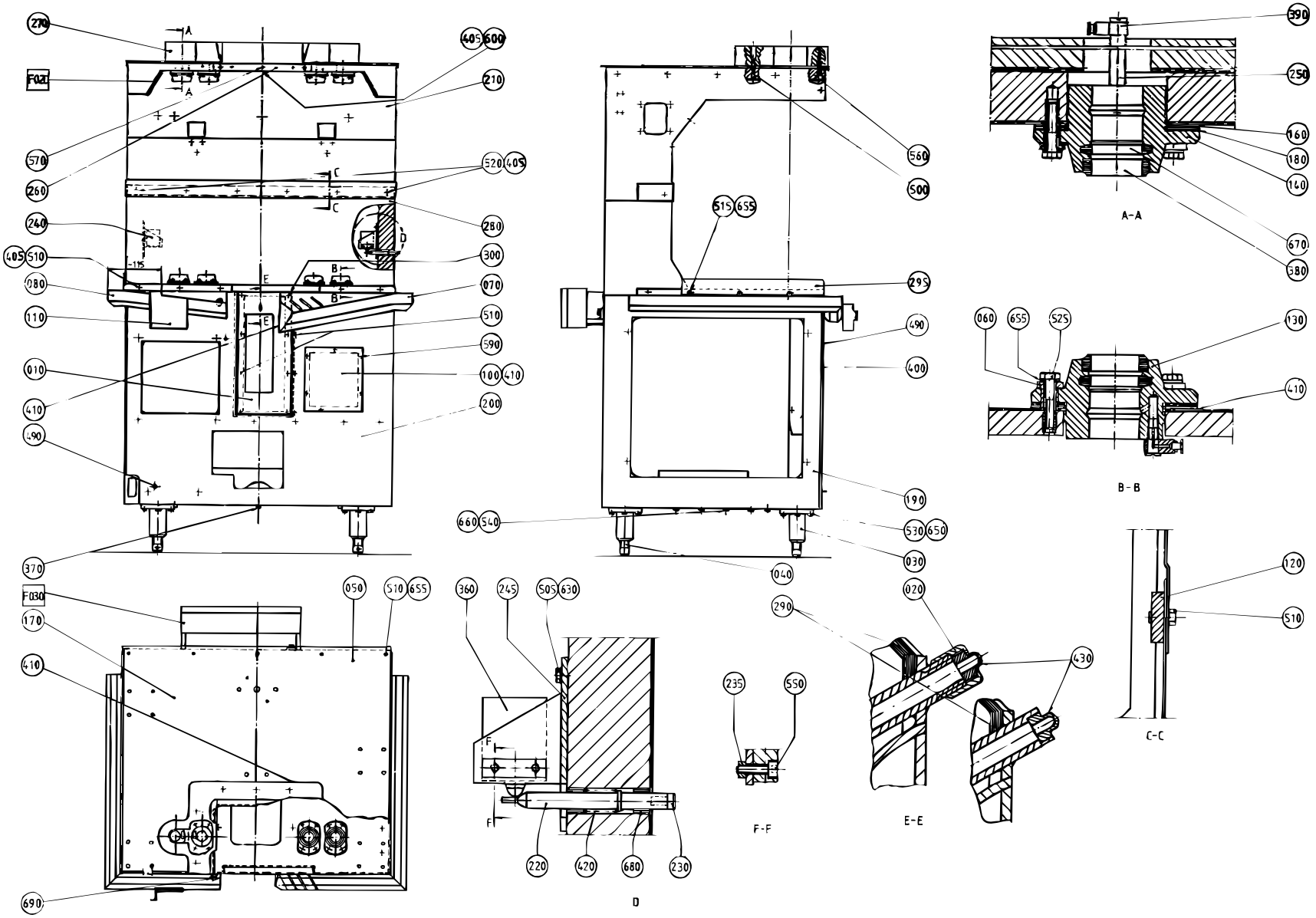
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F050	A 571918-0100	-		2	TRANSMISSION	**180**
F060	A 271562-0900	-		1	PIPE WORK MACHINE BODY	**182**
F090	A 271442-0400	-		1	DOOR	**194**
F100	A 271443-0400	-		1	DOOR	**196**
F110	A 256665-0200	-		1	HATCH	**198**
F120	A1296815-0100	-		1	HATCH	**200**
F130	A 271414-0200	-		1	AIR JET GUN	**202**
F160	A 456458-0500	-		1	PLATFORM TBA/19	**204**
F190	A 456460-0500	-		1	RAILING	**212**
F210	A 572306-0200	-		1	LADDER	**220**
F220	A 579241-0100	D		1	DATING UNIT	**222**
TBA						
F010	A 456100-0400	-		1	MACHINE BODY	**168**
F040	A 456180-0100	-		1	DROP CHUTE	**176**

Pos	Part No	SP	UN	Qty	Description	Page No



S-456100-3
ECN 70491

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B						
010	979776-0000	D		1	COVER 100	
020	441077-0000	D		1	NOZZLE BRACKET	
290	441810-0000	D		1	GASKET	
TBA 0125S						
010	469831-0007	D		1	COVER	
020	441077-0000	D		1	NOZZLE BRACKET	
290	441810-0000	D		1	GASKET	
TBA 0160S						
010	469831-0009	D		1	COVER	
020	441077-0000	D		1	NOZZLE BRACKET	
290	441810-0000	D		1	GASKET	
TBA 0200S						
010	469832-0001	D		1	COVER	
290	441810-0000	D		1	GASKET	
TBA 0200M or TBA 0250S						
010	574429-0000	D		1	COVER	
290	574430-0000	D		1	GASKET	
TBA 0180B						
010	469831-0006	D		1	COVER	
020	441077-0000	D		1	NOZZLE BRACKET	
290	441810-0000	D		1	GASKET	
TBA 0200B						
010	469831-0004	D		1	COVER	
020	441077-0000	D		1	NOZZLE BRACKET	
290	441810-0000	D		1	GASKET	
TBA 0236B						
020	441077-0000	D		1	NOZZLE BRACKET	
290	441810-0000	D		1	GASKET	
TBA 0250B						
010	469832-0002	D		1	COVER	
290	441810-0000	D		1	GASKET	
TBA 0284B or TBA 0300S						
010	469832-0001	D		1	COVER	
020	441077-0000	D		1	NOZZLE BRACKET	
290	441810-0000	D		1	GASKET	
TBA 0330S						
010	582169-0000	D		1	COVER	
290	574430-0000	D		1	GASKET	
Common parts						
F020	A 441534-0100	-		2	LIGHT FIXTURE	**172**
F030	A 456827-0300	-		1	CONNECTION BOX.....	**174**
030	469095-0000	D		4	HOLDER	
040	469096-0000	D		4	LEG	
050	979055-0000	-		1	COVERING PLATE	
060	751085-0000	D		32	BUSHING	
070	978413-0000	-		1	CHUTE	
080	272671-0000	-		1	CHUTE	
100	295302-0000	-		1	HATCH	
110	979708-0000	-		1	SPLASH GUARD	
120	441212-0000	-		1	HOLDER	
130	441217-0000	M		4	BUSHING LOWER	
140	441218-0000	M		4	BUSHING UPPER	
160	441221-0000	M		8	WASHER	
170	578211-0000	-		1	MACHINE BODY	
180	441593-0000	M		8	GASKET	
190	441658-0000	-		1	FRONT PLATE	
200	441659-0000	-		1	FRONT PLATE	
210	978576-0000	-		1	FRONT PLATE	
220	490891-0000	-		2	PIN	
230	272158-0000	D		2	DOWEL	
235	490890-0000	-		2	NUT PLATE	
240	490910-0000	-		1	PLATE	
245	490911-0000	-		1	PLATE	
250	469937-0000	D		4	PIPE	
260	441677-0000	-		1	FRONT PLATE	
270	572294-0000	-		1	COLLAR	
280	441809-0000	-		1	FRONT PLATE	
295	490986-0000	-		1	SHEET	
300	6278-0000	D		1	WASHER	
360	90044-0101	J		2	LIMIT SWITCH 924CE1 HONEYWELL	
370	90087-0002	-		3	PIPE PLUG	
380	90091-0106	M		8	SEALED RING	
390	90137-0010	-		8	PIPE JOINT	
400	90143-0010	-	MM	260	STRIP	
401	90143-0012	-	MM	1900	STRIP	
403	90153-0017	-	KG	x	ADHESIVE 160 mL	
405	90157-0016	-	ML	x	LOCKING FLUID	
410	90157-0022	-	G	x	SEALING COMPOUND	
420	90335-0036	R		2	SPRING	
430	90424-0027	D		1	NOZZLE	
490	311103-0458	-		2	PINS,STRAIGHT 10X30	
500	311103-0415	-		3	CYLINDRICACP M6 8X55 RFR	
505	312105-0327	-		4	SCREW M6S ISO 4017 M5X12 A280	

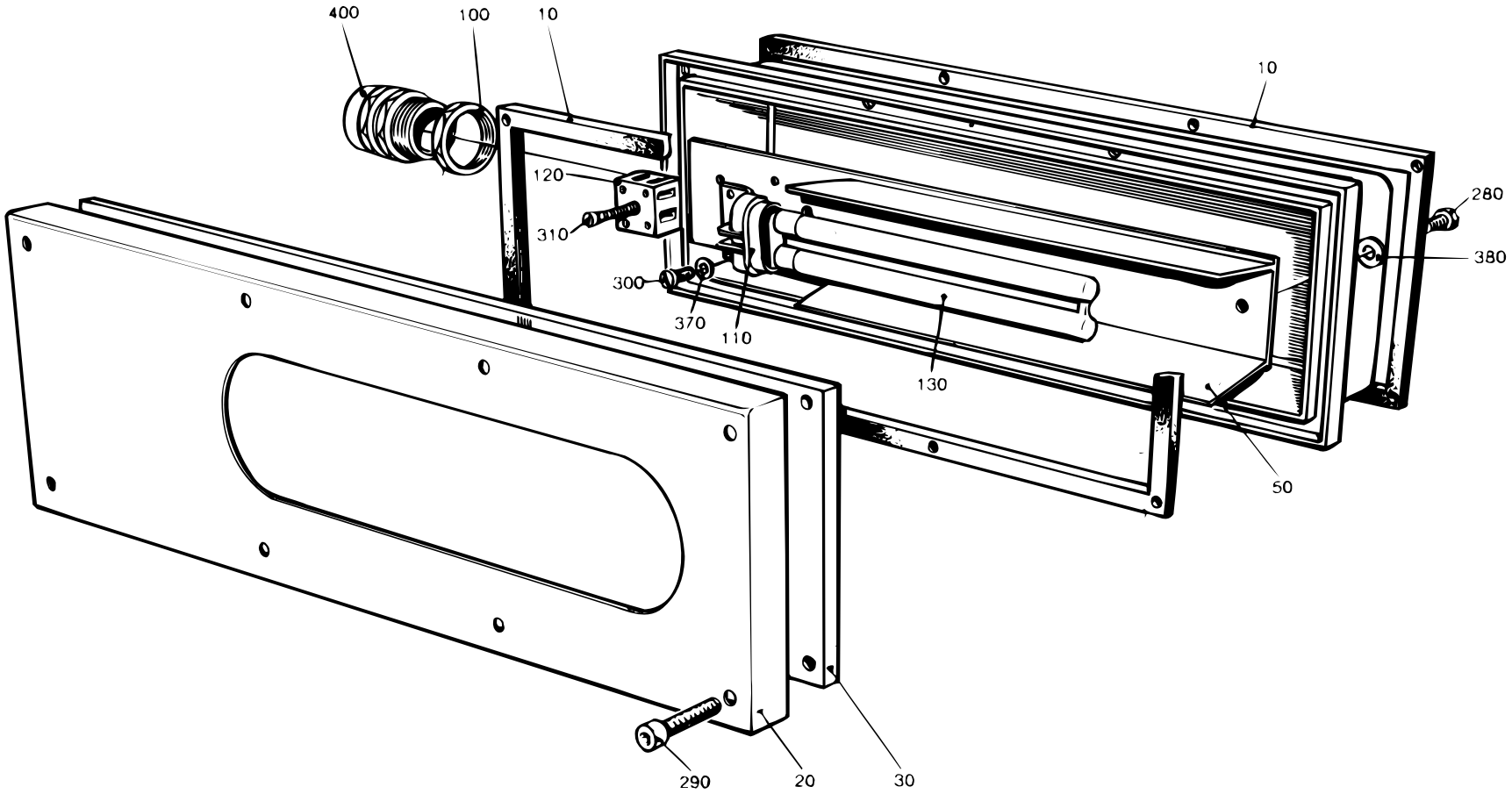


S-456100-4
ECN 70491

Pos	Part No	SP	UN	Qty	Description	Page No
510	312105-0366	-		27	SCREW M6S ISO 4017 M6x12 A280	
515	312105-0368	-		3	SCREW M6S ISO 4017 M6x16 A280	
520	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
525	312105-0374	-		32	SCREW M6S ISO 4017 M6X30 A280	
530	312105-0451	-		16	SCREW M6S ISO 4017 8x20 A280	
540	312105-0489	-		8	SCREW M6S ISO 4017 M10X16 A280	
550	312111-0331	-		4	SCREW MC6S5X20FZB	
560	312115-0503	-		10	SCREW MC6S ISO 4762 M10X60 A280	
570	312125-0323	-		7	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
590	312155-0325	-		6	SCREW MF6S5X10RFR	
600	312155-0366	-		9	SCREW MF6S DIN 7991 M6x12 A280	
630	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
650	315105-0165	-		16	WASHER,PLAIN ROUND 8,4x16 Stainless	
655	315105-0153	-		35	WASHER,PLAIN ROUND 6,4x12 Stainless	
660	315233-0109	M		8	PLAIN ROUND,NYLON R1/8"	
670	315259-0102	M		8	SEALS,FELT STRIP 7X5X190	
680	321116-0135	M		4	BEARING BUSHING WITHOUT FLANGE, 10X16X10	
690	352103-0100	-		1	CABLE GLAND STR 9;PR15,2	

Pos	Part No	SP	UN	Qty	Description	Page No

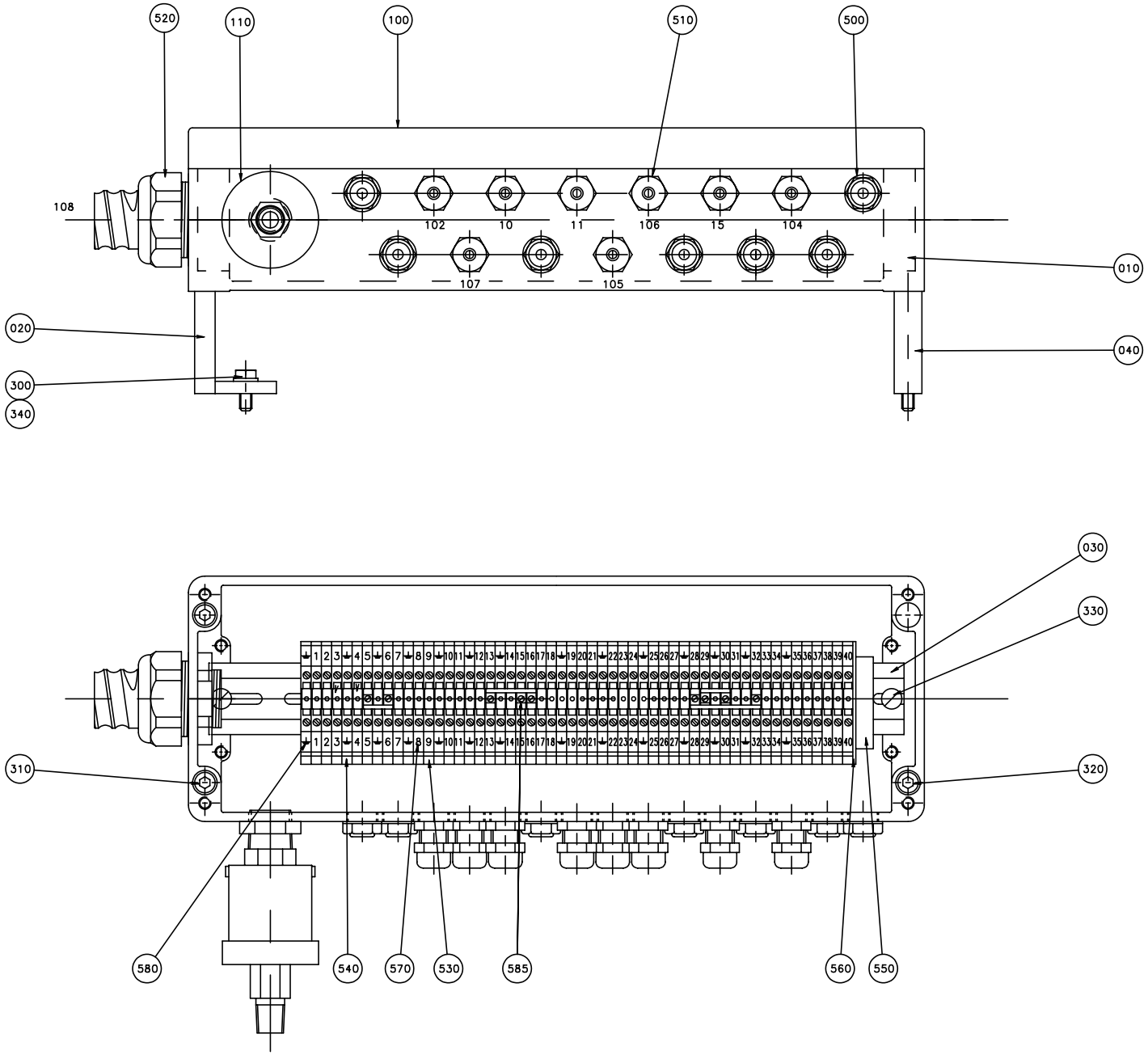
LIGHT FIXTURE



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	441536-0000	M		2	GASKET	
020	456263-0000	-		1	SHEET	
030	456264-0000	M		1	GLASS	
040	B 469336-0000	D		1	COVER	
050	B 469337-0000	-		1	REFLECTOR	
100	90099-0002	-		1	NUT Pr 18,6 Brass	
110	90164-0301	M		1	HOLDING FIXTURE	
120	90195-0020	-		1	TERMINAL BK2 KRG 2-POLE	
130	90297-0006	M		1	FLUORESCENT TUBE 9W	
280	312105-0325	-		2	SCREW M6S 5x10 A2 80	
290	312115-0331	-		8	SCREW MC6S ISO 4762 M5X20 A280	
300	312125-0220	-		2	SLOTTED HEMCS3X6RFR	
310	312125-0230	-		1	SLOTTED CHEESE HEAD ISO 1207 M3X20 RFR	
370	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
380	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
400	352103-0106	-		1	CABLE GLAND ST 11	

Pos	Part No	SP	UN	Qty	Description	Page No

CONNECTION BOX



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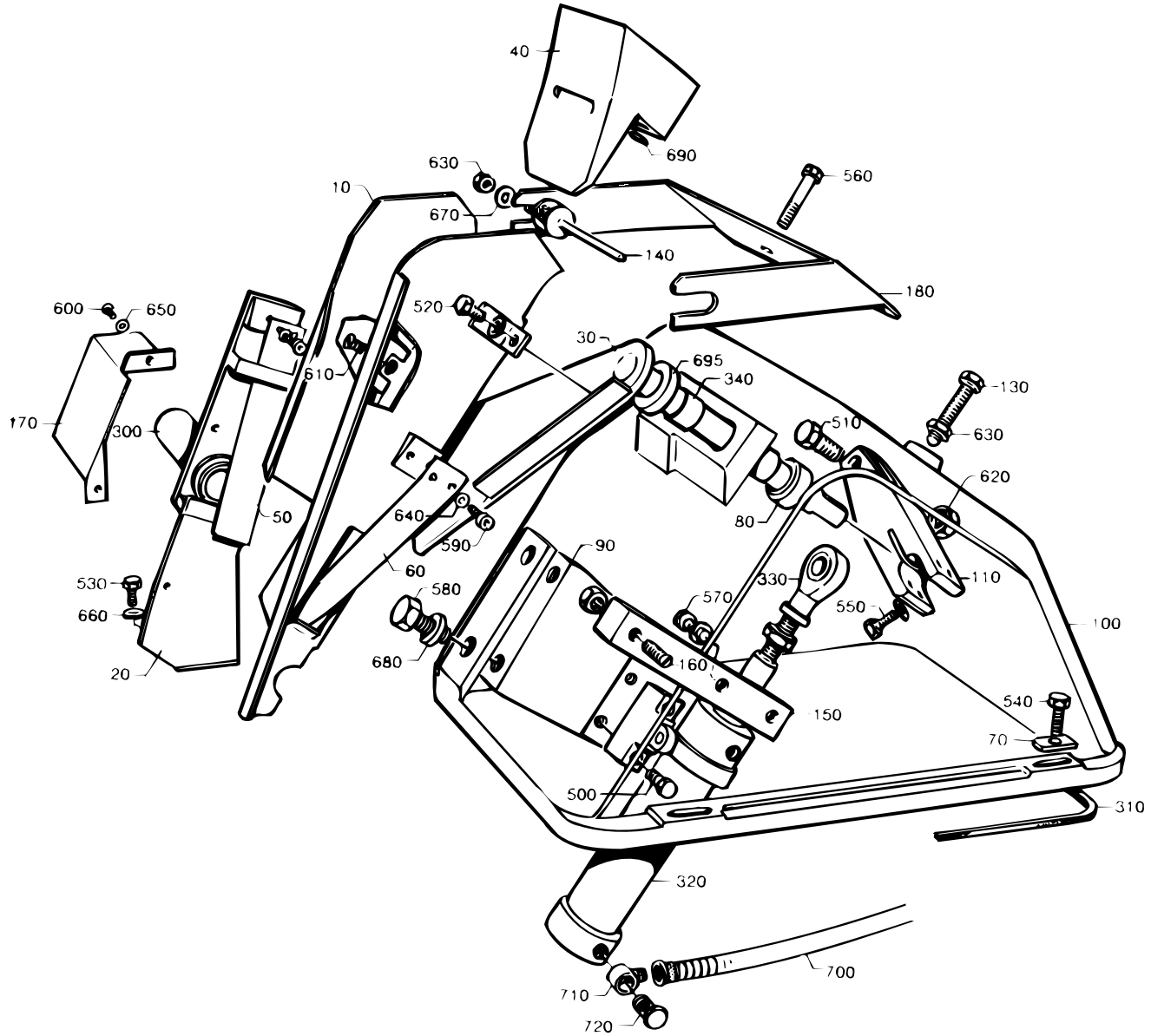
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	578213-0000	-		1	CONNECTION BOX	
020	456751-0000	-		1	BRACKET	
030	578676-0000	-		1	RAIL	
040	456753-0000	-		1	SPACER	
100	90194-0016	-		1	SIGN "FLASH SIGN" 50X50MM	
110	90274-0045	M		1	GUARD	
300	312101-0368	-		2	SCREW M6S 6x16 Zink Plated	
310	312111-0372	-		2	SCREW MC6S6X25FZB	
320	312111-0385	-		1	SCREW MC6S6X75FZB	
330	312125-0364	-		2	SLOTTED HEMCS6X10RFR	
340	315101-0153	-		2	WASHER BRB 6,4x12 FZB	
520	90012-0102	-		1	GLAND FITTING	
530	353021-0216	-		40	BY PASS TERMINAL WDU 2,5 Blue	
540	353024-0204	-		14	EARTH TERMINAL WPE 2,5	
550	353031-0201	-		1	END BRACKET EW35	
560	353032-0005	-		1	END PLATE WAP 2,5-10 Blue	
570	359011-0807	-		2	MARKING PLATES 5-FW 1-50	
580	359011-0819	-		1	MARKING PLATES 5-GW (Earth)	
585	353034-0030	-		2	BRIDGE CONLECK WQV 2,5/10	
TBA						
500	352101-0102	-		7	LEAD-IN PR 15,2 PG9	
510	352103-0101	-		8	CABLE GLAND ST 9;PR15,2/PG9	
TPA						
500	352101-0102	-		6	LEAD-IN PR 15,2 PG9	
510	352103-0101	-		9	CABLE GLAND ST 9;PR15,2/PG9	

Pos	Part No	SP	UN	Qty	Description	Page No

DROP CHUTE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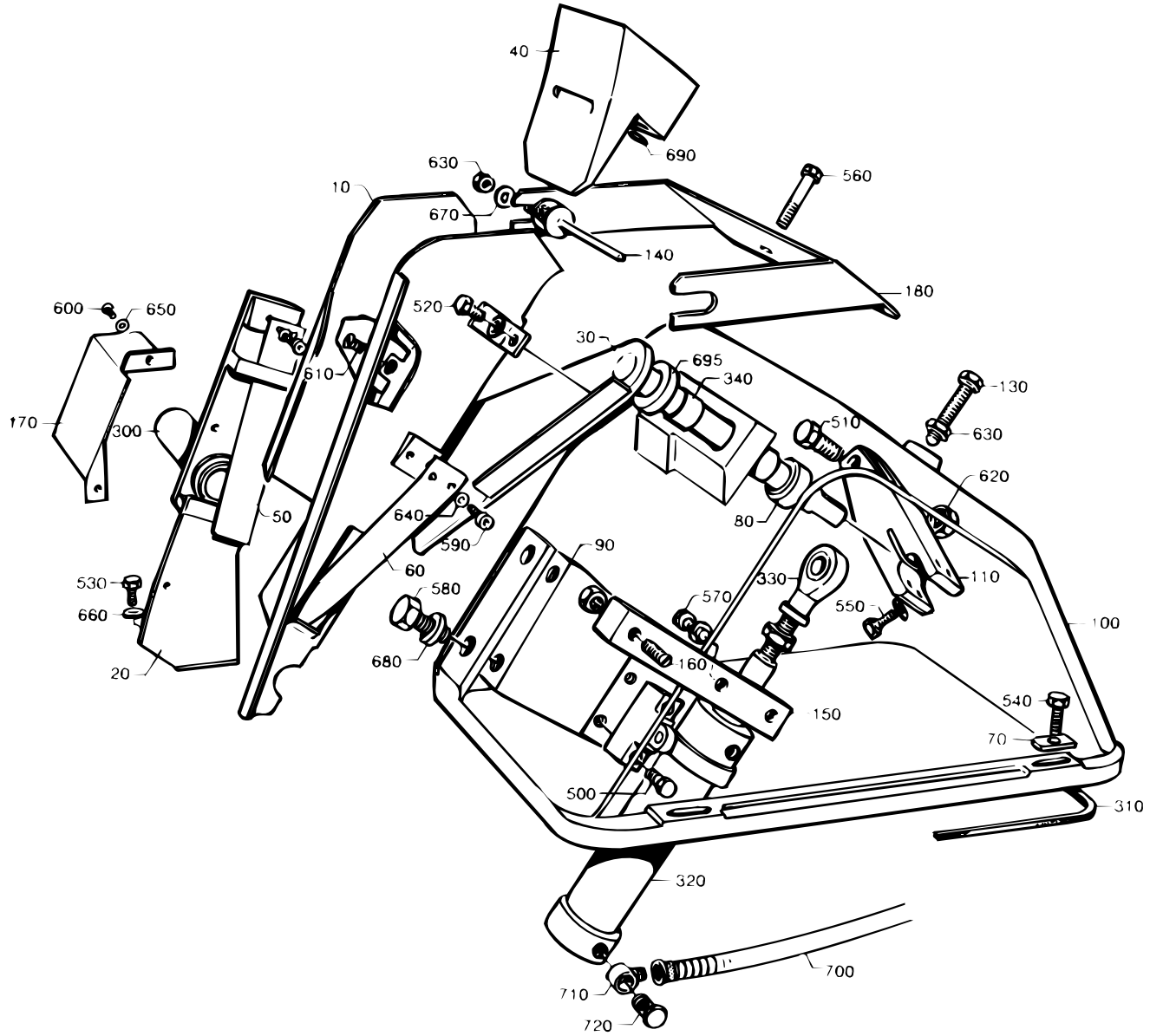
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
070	255939-0000	-		4	WASHER	
080	255940-0000	-		1	SPACER	
090	255943-0000	-		1	HOLDER	
100	271163-0000	-		1	CANTILEVER	
110	272600-0000	D		1	ARM	
130	272602-0000	-		1	SCREW	
140	272742-0000	I		1	FINGER	
150	272852-0000	-		1	HOLDER	
160	272853-0000	-		1	SCREW	
180	295399-0000	D		1	HOLDER	
300	90044-0122	J		1	PROX.SWITCH 922 AA4XM-A9P-050-LZ-876	
310	90161-0001	-	MM	1500	STRIP	
320	B 90239-0298	R		1	CYLINDER REPBY 0090450-0033	
330	90239-0405	I		1	LINK HEAD	
340	90240-0073	R		2	RICTION BEARING	
500	312101-0331	-		4	SCREW M6S5X20FZB	
510	312101-0499	-		1	SCREW M6S10X40FZB	
520	312105-0366	-		1	SCREW M6S ISO 4017 M6x12 A280	
530	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
540	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
550	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
570	312105-0451	-		2	SCREW M6S ISO 4017 8x20 A280	
580	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
590	312115-0285	-		4	SCREW S 4X6 A4 80	
600	312125-0323	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
610	312155-0368	-		1	SCREW MF6S DIN7991 M6X16 A280	
620	312601-0320	-		1	NUT M6M 10-8 FZB	
630	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
640	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
650	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
660	315105-0153	-		5	WASHER,PLAIN ROUND 6,4x12 Stainless	
670	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
680	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	
690	315202-0206	M		1	O-RING 7,3x2,4	
695	315233-0111	-		1	PLAIN ROUND,NYLON R3/8"	
700	342903-0121	M		3	NUT WITH SPRING 8/6-M12X1	
710	342980-0121	-		3	BANJO-CONNECTION,RING 8/6-G1/8"	
720	342980-0303	-		3	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
TBA 0100B						
010	979766-0000	D		1	DROP CHUTE	
020	979777-0000	-		1	HEAD PLATE 100	
030	491881-0001	D		1	PIVOT ARM	
040	255942-0000	D		1	SLIDER	
050	979767-0000	I		1	FLAT SPRING	
060	979768-0000	I		1	FLAT SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0125S						
010	456145-0000	D		1	DROP CHUTE	
020	456151-0000	-		1	HEAD PLATE	
030	491881-0002	D		1	PIVOT ARM	
040	255942-0000	D		1	SLIDER	
050	456164-0000	I		1	LEAF SPRING	
060	456166-0000	I		1	LEAF SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0160S						
010	577215-0000	D		1	DROP SHUTE TBA/9 V0160	
020	577214-0000	-		1	HEAD PLATE	
030	491881-0001	D		1	PIVOT ARM	
040	469502-0000	D		1	SLIDER	
050	577227-0000	I		1	LEAF SPRING	
060	577226-0000	I		1	LEAF SPRING	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0200S						
010	456146-0000	D		1	DROP CHUTE	
020	456152-0000	-		1	HEAD PLATE	
030	491881-0001	D		1	PIVOT ARM	
040	469502-0000	D		1	SLIDER	
050	456164-0000	I		1	LEAF SPRING	
060	456166-0000	I		1	LEAF SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0250S						
010	574448-0000	D		1	DROP SHUTE TBA/9 V0250SL	
020	574450-0000	-		1	HEAD PLATE	
030	491881-0003	D		1	PIVOT ARM	
040	574449-0000	D		1	SLIDER	
050	577227-0000	I		1	LEAF SPRING	
060	577226-0000	I		1	LEAF SPRING	
170	574452-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0180B						
010	978408-0000	D		1	DROP CHUTE TBA/9 V0180	

DROP CHUTE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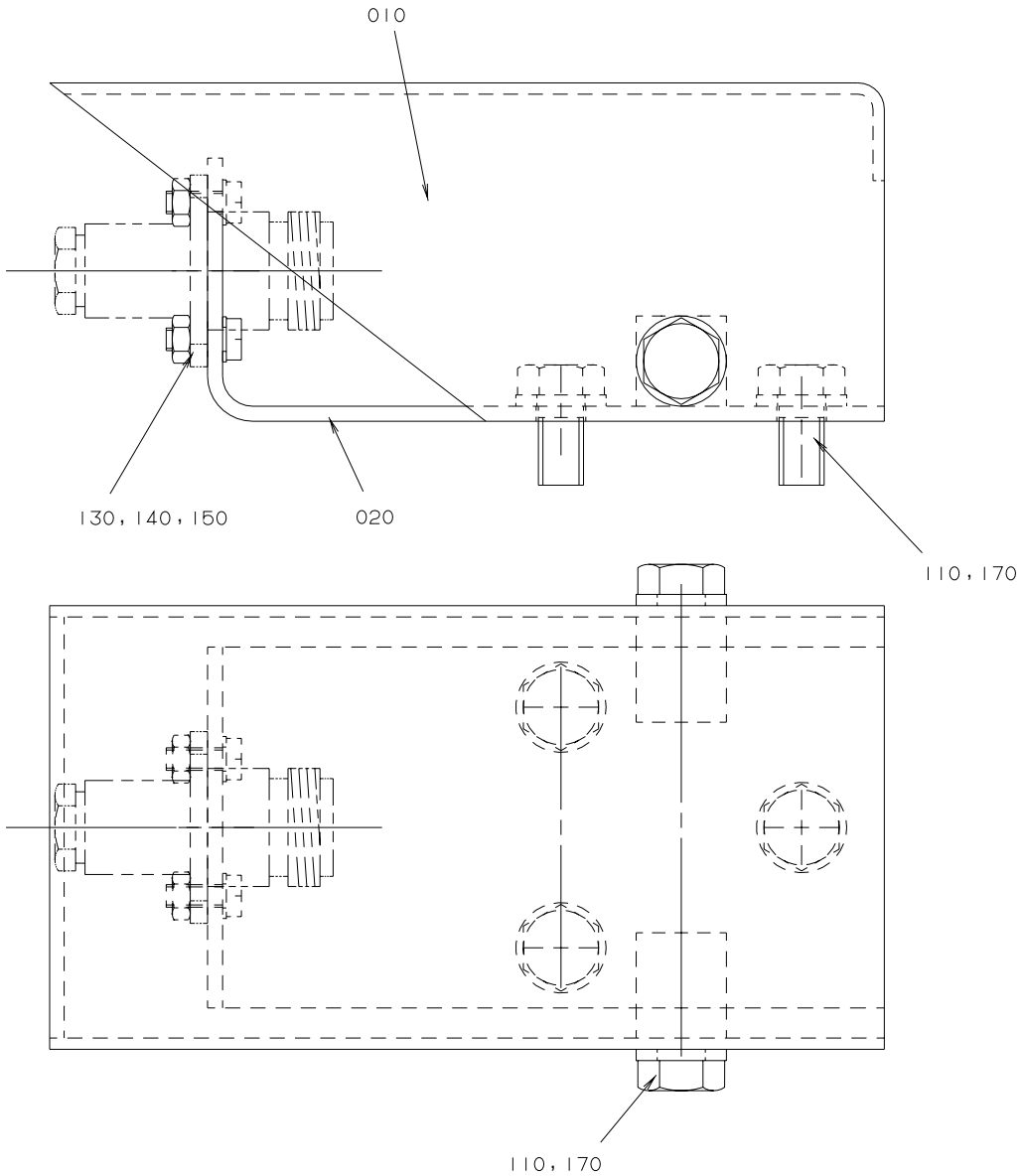
Pos	Part No	SP	UN	Qty	Description	Page No
020	456150-0000	-		1	HEAD PLATE	
030	491881-0001	D		1	PIVOT ARM	
040	295097-0000	D		1	SLIDER	
050	456165-0000	I		1	LEAF SPRING	
060	456167-0000	I		1	LEAF SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0200B						
010	978409-0000	D		1	DROP CHUTE TBA/9 V0200	
020	456149-0000	-		1	HEAD PLATE	
030	491881-0001	D		1	PIVOT ARM	
040	295097-0000	D		1	SLIDER	
050	456165-0000	I		1	LEAF SPRING	
060	456167-0000	I		1	LEAF SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0236B						
010	978410-0000	D		1	DROP CHUTE TBA/9 V0236	
020	456148-0000	-		1	HEAD PLATE	
030	491881-0001	D		1	PIVOT ARM	
040	295097-0000	D		1	SLIDER	
050	456165-0000	I		1	LEAF SPRING	
060	456167-0000	I		1	LEAF SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0250B						
010	978411-0000	D		1	DROP CHUTE TBA/9 V0250	
020	456147-0000	-		1	HEAD PLATE	
030	491881-0001	D		1	PIVOT ARM	
040	295097-0000	D		1	SLIDER	
050	456165-0000	I		1	LEAF SPRING	
060	456167-0000	I		1	LEAF SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0284B or TBA 0300S						
010	978412-0000	D		1	DROP CHUTE TBA/9 V0284	
020	456152-0000	-		1	HEAD PLATE	
030	491881-0001	D		1	PIVOT ARM	
040	295097-0000	D		1	SLIDER	
050	978263-0000	I		1	LEAF SPRING	
060	752893-0000	I		1	LEAF SPRING	
170	295075-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
TBA 0330S						
010	582168-0000	D		1	DROP CHUTE	
020	582170-0000	-		1	HEAD PLATE	
030	491881-0003	D		1	PIVOT ARM	
040	979938-0000	D		1	SLIDER	
050	1348290-0000	I		1	LEAF SPRING	
060	1348291-0000	I		1	LEAF SPRING	
170	574452-0000	D		1	PROTECTION	
560	312109-0378	-		2	SCREW M6S ISO 4017 M6X40 A280	
TBA 0200M						
010	979862-0000	-		1	DROP CHUTE	
020	979878-0000	-		1	HEAD PLATE	
030	491881-0003	D		1	PIVOT ARM	
040	574449-0000	D		1	SLIDER	
050	979879-0000	I		1	LEAF SPRING	
060	979877-0000	I		1	FLAT SPRING	
170	574452-0000	D		1	PROTECTION	
560	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	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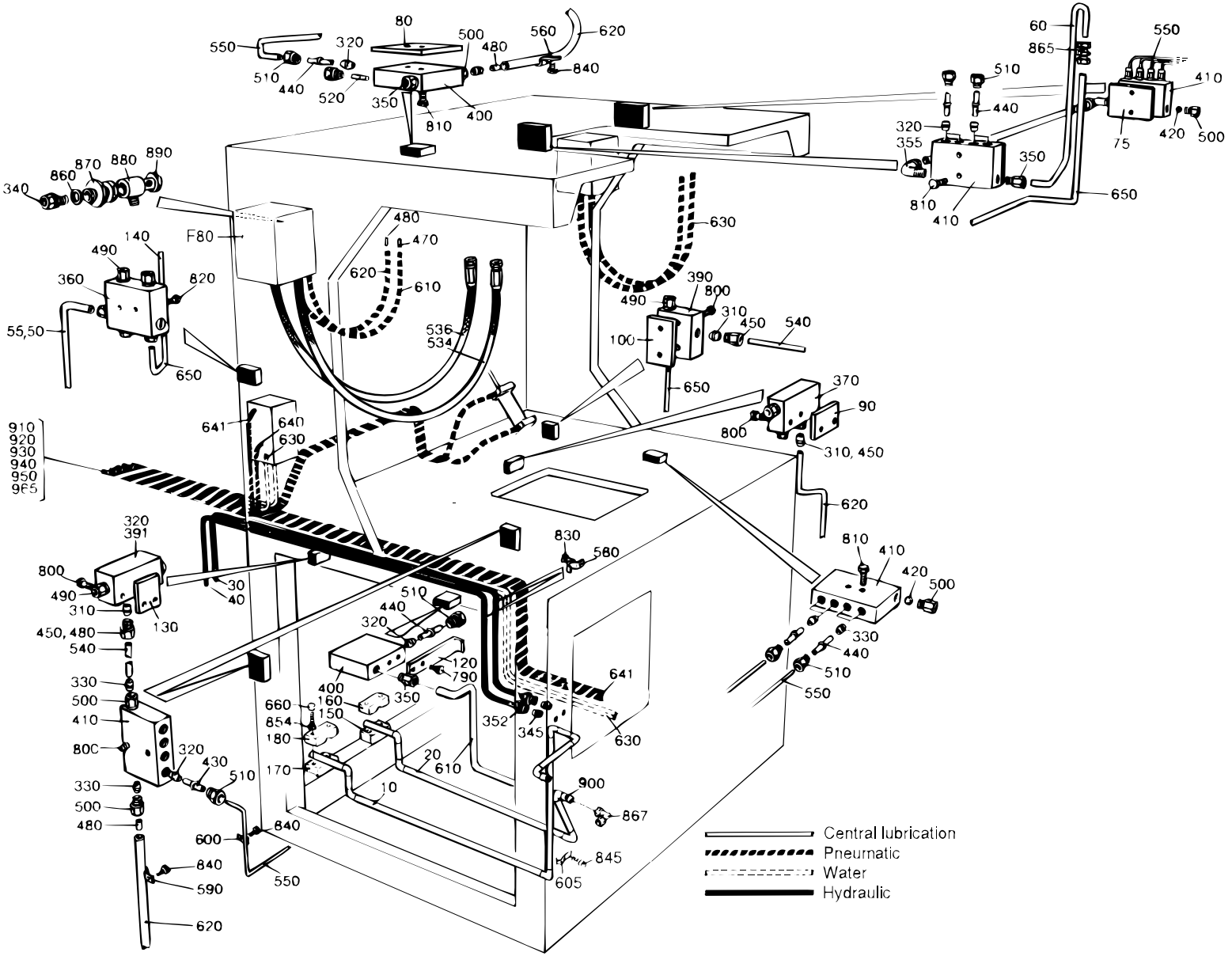
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	256975-0000	-		1	PROTECTION	
020	978176-0000	-		1	BRACKET	
110	312105-0364	-		5	SCREW M6S 6x10 A280	
130	312125-0222	-		4	SLOTTED CHEESE HEAD ISO 1207 M3x8 RFR	
140	312605-0310	-		4	NUT,HEXAGON,M6M3 RFR	
150	315105-0124	-		4	WASHER,PLAIN ROUND 3,2x6	
170	315105-0153	-		5	WASHER,PLAIN ROUND 6,4x12 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No



S-271562-13
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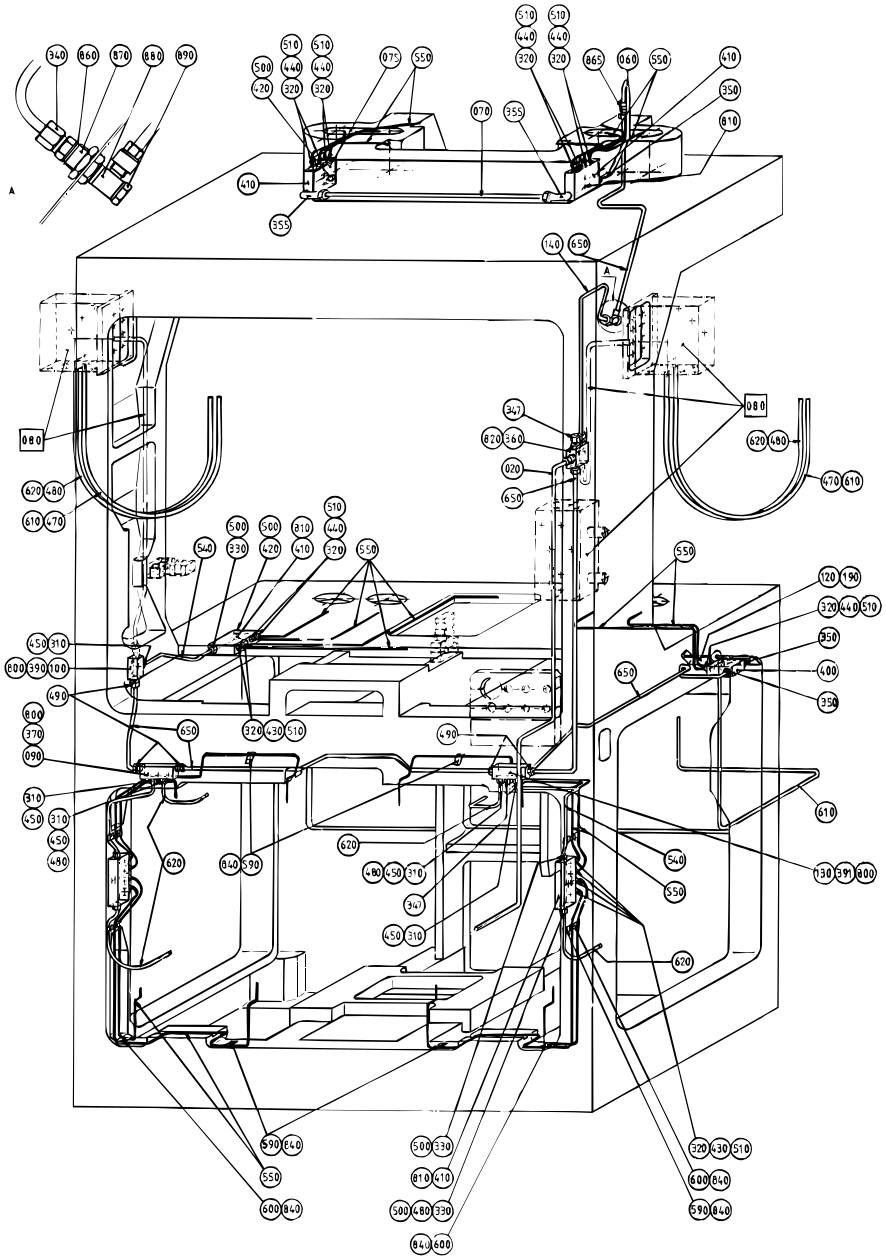
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F070	A 271261-0600	-		1	CLEANING SYSTEM	**190**
F080	A 491650-0100	-		1	DISTRIBUTOR BLOCK	**192**
010	491854-0000	-		1	PIPE WATER	
020	979486-0000	-		1	LUBRICATING PIPE	
060	469133-0000	-		1	PIPE	
070	469132-0000	-		1	PIPE	
075	469131-0000	-		2	LACE	
090	271622-0000	-		1	LACE	
100	271623-0000	-		1	LACE	
120	295986-0000	-		1	HOLDER	
130	456407-0000	-		1	LACE	
140	491390-0000	-		1	PIPE CENTRAL LUBRICATION	
150	491859-0000	-		1	HOLDER	
160	491860-0000	-		1	HOLDER	
310	90028-0001	K		5	CONE 5/32"	
320	90028-0020	K		22	CONE DT13700S-300 Di=2,5mm	
330	90028-0021	K		5	CONE DIN3862 Di=4mm	
340	90030-0051	K		1	Straight Conn., 6-R1/8,ext. thread	
347	90136-0002	-		2	PLUG 5/16"24	
350	90030-0162	K		3	Straight Conn.6-M10x1,ext.thread	
355	90030-0200	-		2	Elbow Conn., 6-M10X1, ext.thread	
360	90032-0014	-		1	JUNCTION BLOCK	
370	90032-0026	-		1	JUNCTION BLOCK	
390	90032-0030	-		1	JUNCTION BLOCK	
391	90032-0031	-		1	JUNCTION BLOCK	
400	90032-0038	-		1	BLOCK 2ways DT4.310792.1D	
410	90032-0039	-		5	DISTR.BLOCK DT4.310794.1	
420	90090-0008	K		2	STEEL-BALL SKF RB-7,144/111	
430	90092-0052	K		10	METERING VALVE 10mm3	
440	90092-0053	K		12	METERING VALVE 30mm3	
450	90134-0003	K		5	BUSHING	
470	90134-0030	K		4	SLEEVE 6/3	
480	90134-0031	K		6	SLEEVE E 4/2	
490	B 90134-0034	K		8	NIPPLE	
500	90134-0038	K		8	BUSHING 4 DIN 3871 Stainless	
510	90134-0039	K		22	BUSHING DT4.018912.1 Stainless	
534	90148-0037	K		2	HOSE	
536	90148-0038	K		2	HOSE	
540	90151-0001	-	MM	2200	BRASS PIPE DI=2,6 MM	
550	90266-0019	-	MM	7000	PIPE	
560	90165-0002	-		1	CLIP	
590	90165-0022	-		8	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
600	90165-0023	-		6	CLIP	
605	90165-0039	-		1	CLIP	
610	90166-0108	-	MM	3300	TUBE 6 mm PA,Transp.	
620	90166-0109	-	MM	7000	TUBE 4 mm PA,Transp.	
630	90166-0118	-	M	11	TUBE 8 mm PA Black	
640	90166-0081	-	MM	4500	TUBE 4 mm PA Blue	
641	90166-0013	-	M	22	TUBE 8 mm PA Blue	
650	90266-0006	-	MM	3400	TUBE	
660	312101-0337	-		2	SCREW M6S5X35FZB	
790	312105-0289	-		2	SCREW M6S4X10 A2 80	
800	312105-0295	-		8	SCREW M6S ISO 4017 M4X20 A280	
805	312121-0287	-		1	SLOTTED HEAD SCREW MCS 4x8 FZB	
810	312105-0297	-		11	SCREW M6S ISO 4014 M4X25 A280	
820	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
840	312125-0287	-		15	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
845	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
850	312165-0325	-		2	SLOTTED HEMKFS5X10RFR	
854	315101-0146	-		2	WASHER BRB 5,3x10 FZB	
857	315105-0136	-		8	WASHER,PLAIN ROUND 4,3x8 Stainless	
860	315234-0109	K		1	PLAIN ROUND,COPPER R1/8",M10	
865	342727-0102	-		1	PIPE CONNECTION G-6-LFZB	
867	90165-0065	-		1	CRAMP	
868	342716-0203	-		1	REDUCER 6-8	
869	342748-0103	-		1	T-CONNECTION	
880	342797-0121	K		1	BANJO CONNECTION,RINGPIECE 6-1/8"	
890	342980-0303	K		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
900	352113-0101	-		4	CLIP STRIP BLACK 92x2,5mm	
910	359000-0400	-		22	MARKING CO2/4"0"	
920	359000-0401	-		20	MARKING COLLAR 2/4 "1" Yellow	
930	359000-0402	-		14	MARKING COLLAR 2/4 "2" Yellow	
940	359000-0403	-		8	MARKING COLLAR PA2/4 "3" Yellow	
950	359000-0404	-		2	MARKING COLLAR PA2/4 "4" Yellow	
951	359000-0405	-		4	MARKING CO2/4"5"	
952	359000-0406	-		4	MARKING COLLAR PA2/4 "6" Yellow	
965	359000-0407	-		8	MARKING COLLAR PA2/4 "7" Yellow	
990	359000-0771	-		16	MARKING CO2/4"V"	
TBA						
030	271742-0000	-		1	PIPE	
040	271743-0000	-		1	PIPE	
345	90030-0098	R		10	ACCESSORIES,FERRULE 8	
352	90030-0172	K		10	NUT M8 "REPL.BY 342703-208"	
580	90165-0007	-		2	PIPE-CLIPS,FOR SINGLE,ONE SIDE PIPE 8	
830	312115-0289	-		2	SCREW S4X10 A4 80	

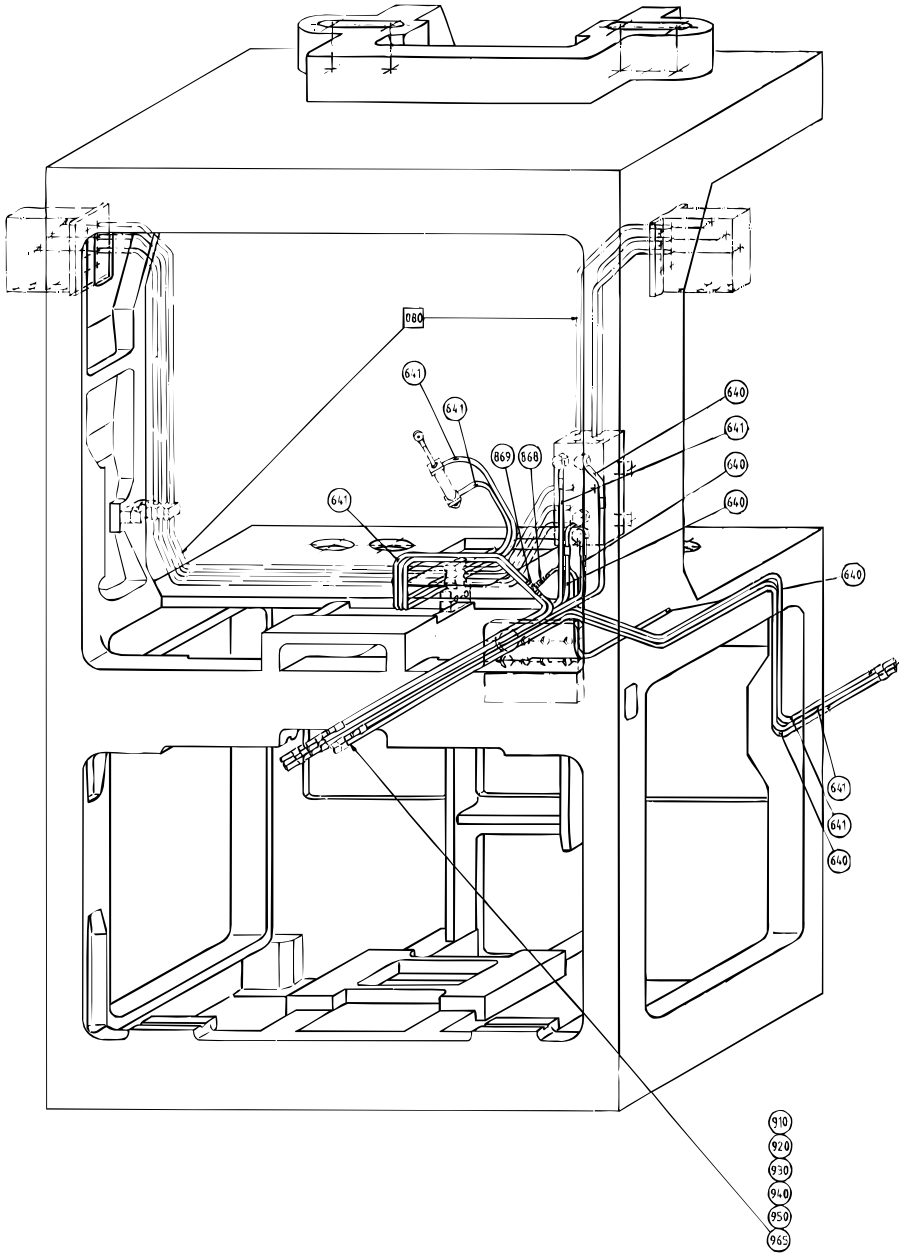
PIPE WORK MACHINE BODY



S-271562-20
ECN 70491

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F070	A 271261-0600	-		1	CLEANING SYSTEM	**190**
F080	A 491650-0100	-		1	DISTRIBUTOR BLOCK	**192**
010	491854-0000	-		1	PIPE WATER	
020	979486-0000	-		1	LUBRICATING PIPE	
060	469133-0000	-		1	PIPE	
070	469132-0000	-		1	PIPE	
075	469131-0000	-		2	LACE	
090	271622-0000	-		1	LACE	
100	271623-0000	-		1	LACE	
120	295986-0000	-		1	HOLDER	
130	456407-0000	-		1	LACE	
140	491390-0000	-		1	PIPE CENTRAL LUBRICATION	
150	491859-0000	-		1	HOLDER	
160	491860-0000	-		1	HOLDER	
310	90028-0001	K		5	CONE 5/32"	
320	90028-0020	K		22	CONE DT13700S-300 Di=2,5mm	
330	90028-0021	K		5	CONE DIN3862 Di=4mm	
340	90030-0051	K		1	Straight Conn., 6-R1/8,ext. thread	
347	90136-0002	-		2	PLUG 5/16"24	
350	90030-0162	K		3	Straight Conn.6-M10x1,ext.thread	
355	90030-0200	-		2	Elbow Conn., 6-M10X1, ext.thread	
360	90032-0014	-		1	JUNCTION BLOCK	
370	90032-0026	-		1	JUNCTION BLOCK	
390	90032-0030	-		1	JUNCTION BLOCK	
391	90032-0031	-		1	JUNCTION BLOCK	
400	90032-0038	-		1	BLOCK 2ways DT4.310792.1D	
410	90032-0039	-		5	DISTR.BLOCK DT4.310794.1	
420	90090-0008	K		2	STEEL-BALL SKF RB-7,144/111	
430	90092-0052	K		10	METERING VALVE 10mm3	
440	90092-0053	K		12	METERING VALVE 30mm3	
450	90134-0003	K		5	BUSHING	
470	90134-0030	K		4	SLEEVE 6/3	
480	90134-0031	K		6	SLEEVE E 4/2	
490	B 90134-0034	K		8	NIPPLE	
500	90134-0038	K		8	BUSHING 4 DIN 3871 Stainless	
510	90134-0039	K		22	BUSHING DT4.018912.1 Stainless	
534	90148-0037	K		2	HOSE	
536	90148-0038	K		2	HOSE	
540	90151-0001	-	MM	2200	BRASS PIPE DI=2,6 MM	
550	90266-0019	-	MM	7000	PIPE	
560	90165-0002	-		1	CLIP	
590	90165-0022	-		8	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
600	90165-0023	-		6	CLIP	
605	90165-0039	-		1	CLIP	
610	90166-0108	-	MM	3300	TUBE 6 mm PA,Transp.	
620	90166-0109	-	MM	7000	TUBE 4 mm PA,Transp.	
630	90166-0118	-	M	11	TUBE 8 mm PA Black	
640	90166-0081	-	MM	4500	TUBE 4 mm PA Blue	
641	90166-0013	-	M	22	TUBE 8 mm PA Blue	
650	90266-0006	-	MM	3400	TUBE	
660	312101-0337	-		2	SCREW M6S5X35FZB	
790	312105-0289	-		2	SCREW M6S4X10 A2 80	
800	312105-0295	-		8	SCREW M6S ISO 4017 M4X20 A280	
805	312121-0287	-		1	SLOTTED HEAD SCREW MCS 4x8 FZB	
810	312105-0297	-		11	SCREW M6S ISO 4014 M4X25 A280	
820	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
840	312125-0287	-		15	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
845	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
850	312165-0325	-		2	SLOTTED HEMKFS5X10RFR	
854	315101-0146	-		2	WASHER BRB 5,3x10 FZB	
857	315105-0136	-		8	WASHER,PLAIN ROUND 4,3x8 Stainless	
860	315234-0109	K		1	PLAIN ROUND,COPPER R1/8",M10	
865	342727-0102	-		1	PIPE CONNECTION G-6-LFZB	
867	90165-0065	-		1	CRAMP	
868	342716-0203	-		1	REDUCER 6-8	
869	342748-0103	-		1	T-CONNECTION	
880	342797-0121	K		1	BANJO CONNECTION,RINGPIECE 6-1/8"	
890	342980-0303	K		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
900	352113-0101	-		4	CLIP STRIP BLACK 92x2,5mm	
910	359000-0400	-		22	MARKING CO2/4"0"	
920	359000-0401	-		20	MARKING COLLAR 2/4 "1" Yellow	
930	359000-0402	-		14	MARKING COLLAR 2/4 "2" Yellow	
940	359000-0403	-		8	MARKING COLLAR PA2/4 "3" Yellow	
950	359000-0404	-		2	MARKING COLLAR PA2/4 "4" Yellow	
951	359000-0405	-		4	MARKING CO2/4"5"	
952	359000-0406	-		4	MARKING COLLAR PA2/4 "6" Yellow	
965	359000-0407	-		8	MARKING COLLAR PA2/4 "7" Yellow	
990	359000-0771	-		16	MARKING CO2/4"V"	
TBA						
030	271742-0000	-		1	PIPE	
040	271743-0000	-		1	PIPE	
345	90030-0098	R		10	ACCESSORIES,FERRULE 8	
352	90030-0172	K		10	NUT M8 "REPL.BY 342703-208"	
580	90165-0007	-		2	PIPE-CLIPS,FOR SINGLE,ONE SIDE PIPE 8	
830	312115-0289	-		2	SCREW S4X10 A4 80	

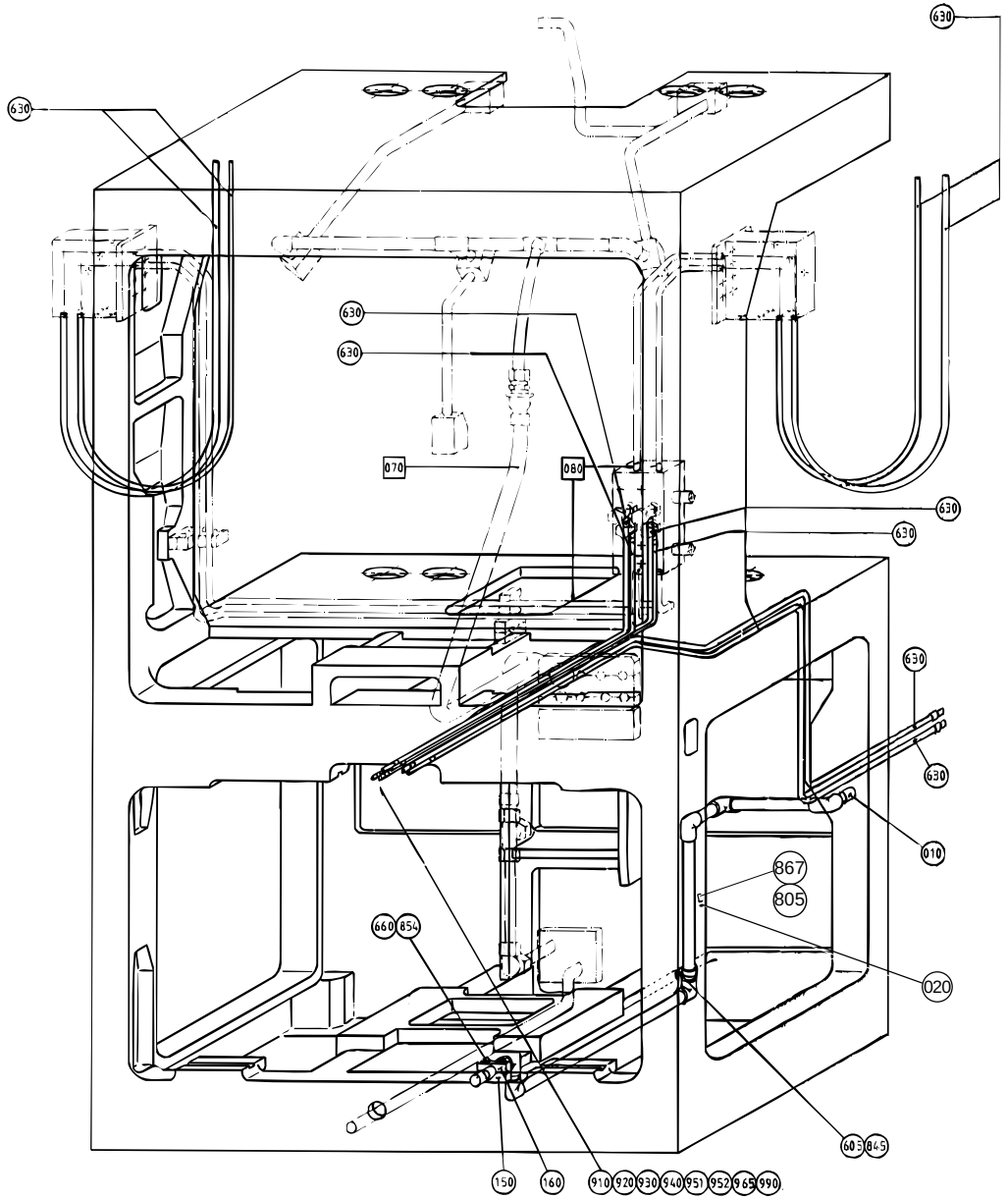
PIPE WORK MACHINE BODY



S-271562-21
ECN 22739

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F070	A 271261-0600	-		1	CLEANING SYSTEM	**190**
F080	A 491650-0100	-		1	DISTRIBUTOR BLOCK	**192**
010	491854-0000	-		1	PIPE WATER	
020	979486-0000	-		1	LUBRICATING PIPE	
060	469133-0000	-		1	PIPE	
070	469132-0000	-		1	PIPE	
075	469131-0000	-		2	LACE	
090	271622-0000	-		1	LACE	
100	271623-0000	-		1	LACE	
120	295986-0000	-		1	HOLDER	
130	456407-0000	-		1	LACE	
140	491390-0000	-		1	PIPE CENTRAL LUBRICATION	
150	491859-0000	-		1	HOLDER	
160	491860-0000	-		1	HOLDER	
310	90028-0001	K		5	CONE 5/32"	
320	90028-0020	K		22	CONE DT13700S-300 Di=2,5mm	
330	90028-0021	K		5	CONE DIN3862 Di=4mm	
340	90030-0051	K		1	Straight Conn., 6-R1/8,ext. thread	
347	90136-0002	-		2	PLUG 5/16"24	
350	90030-0162	K		3	Straight Conn.6-M10x1,ext.thread	
355	90030-0200	-		2	Elbow Conn., 6-M10X1, ext.thread	
360	90032-0014	-		1	JUNCTION BLOCK	
370	90032-0026	-		1	JUNCTION BLOCK	
390	90032-0030	-		1	JUNCTION BLOCK	
391	90032-0031	-		1	JUNCTION BLOCK	
400	90032-0038	-		1	BLOCK 2ways DT4.310792.1D	
410	90032-0039	-		5	DISTR.BLOCK DT4.310794.1	
420	90090-0008	K		2	STEEL-BALL SKF RB-7,144/111	
430	90092-0052	K		10	METERING VALVE 10mm3	
440	90092-0053	K		12	METERING VALVE 30mm3	
450	90134-0003	K		5	BUSHING	
470	90134-0030	K		4	SLEEVE 6/3	
480	90134-0031	K		6	SLEEVE E 4/2	
490	B 90134-0034	K		8	NIPPLE	
500	90134-0038	K		8	BUSHING 4 DIN 3871 Stainless	
510	90134-0039	K		22	BUSHING DT4.018912.1 Stainless	
534	90148-0037	K		2	HOSE	
536	90148-0038	K		2	HOSE	
540	90151-0001	-	MM	2200	BRASS PIPE DI=2,6 MM	
550	90266-0019	-	MM	7000	PIPE	
560	90165-0002	-		1	CLIP	
590	90165-0022	-		8	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
600	90165-0023	-		6	CLIP	
605	90165-0039	-		1	CLIP	
610	90166-0108	-	MM	3300	TUBE 6 mm PA,Transp.	
620	90166-0109	-	MM	7000	TUBE 4 mm PA,Transp.	
630	90166-0118	-	M	11	TUBE 8 mm PA Black	
640	90166-0081	-	MM	4500	TUBE 4 mm PA Blue	
641	90166-0013	-	M	22	TUBE 8 mm PA Blue	
650	90266-0006	-	MM	3400	TUBE	
660	312101-0337	-		2	SCREW M6S5X35FZB	
790	312105-0289	-		2	SCREW M6S4X10 A2 80	
800	312105-0295	-		8	SCREW M6S ISO 4017 M4X20 A280	
805	312121-0287	-		1	SLOTTED HEAD SCREW MCS 4x8 FZB	
810	312105-0297	-		11	SCREW M6S ISO 4014 M4X25 A280	
820	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
840	312125-0287	-		15	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
845	312125-0323	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
850	312165-0325	-		2	SLOTTED HEMKFS5X10RFR	
854	315101-0146	-		2	WASHER BRB 5,3x10 FZB	
857	315105-0136	-		8	WASHER,PLAIN ROUND 4,3x8 Stainless	
860	315234-0109	K		1	PLAIN ROUND,COPPER R1/8",M10	
865	342727-0102	-		1	PIPE CONNECTION G-6-LFZB	
867	90165-0065	-		1	CRAMP	
868	342716-0203	-		1	REDUCER 6-8	
869	342748-0103	-		1	T-CONNECTION	
880	342797-0121	K		1	BANJO CONNECTION,RINGPIECE 6-1/8"	
890	342980-0303	K		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
900	352113-0101	-		4	CLIP STRIP BLACK 92x2,5mm	
910	359000-0400	-		22	MARKING CO2/4"0"	
920	359000-0401	-		20	MARKING COLLAR 2/4 "1" Yellow	
930	359000-0402	-		14	MARKING COLLAR 2/4 "2" Yellow	
940	359000-0403	-		8	MARKING COLLAR PA2/4 "3" Yellow	
950	359000-0404	-		2	MARKING COLLAR PA2/4 "4" Yellow	
951	359000-0405	-		4	MARKING CO2/4"5"	
952	359000-0406	-		4	MARKING COLLAR PA2/4 "6" Yellow	
965	359000-0407	-		8	MARKING COLLAR PA2/4 "7" Yellow	
990	359000-0771	-		16	MARKING CO2/4"V"	
TBA						
030	271742-0000	-		1	PIPE	
040	271743-0000	-		1	PIPE	
345	90030-0098	R		10	ACCESSORIES,FERRULE 8	
352	90030-0172	K		10	NUT M8 "REPL.BY 342703-208"	
580	90165-0007	-		2	PIPE-CLIPS,FOR SINGLE,ONE SIDE PIPE 8	
830	312115-0289	-		2	SCREW S4X10 A4 80	

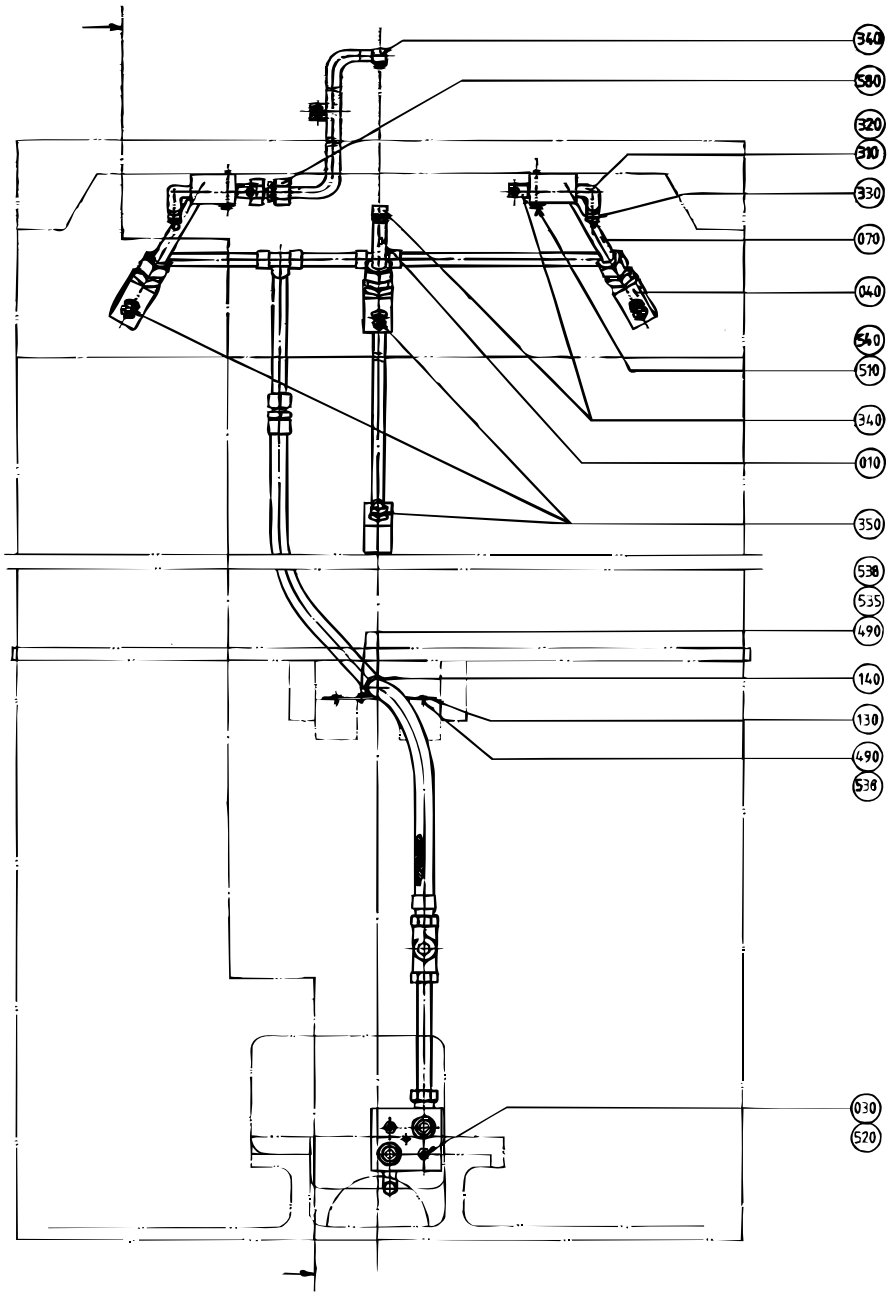
PIPE WORK MACHINE BODY

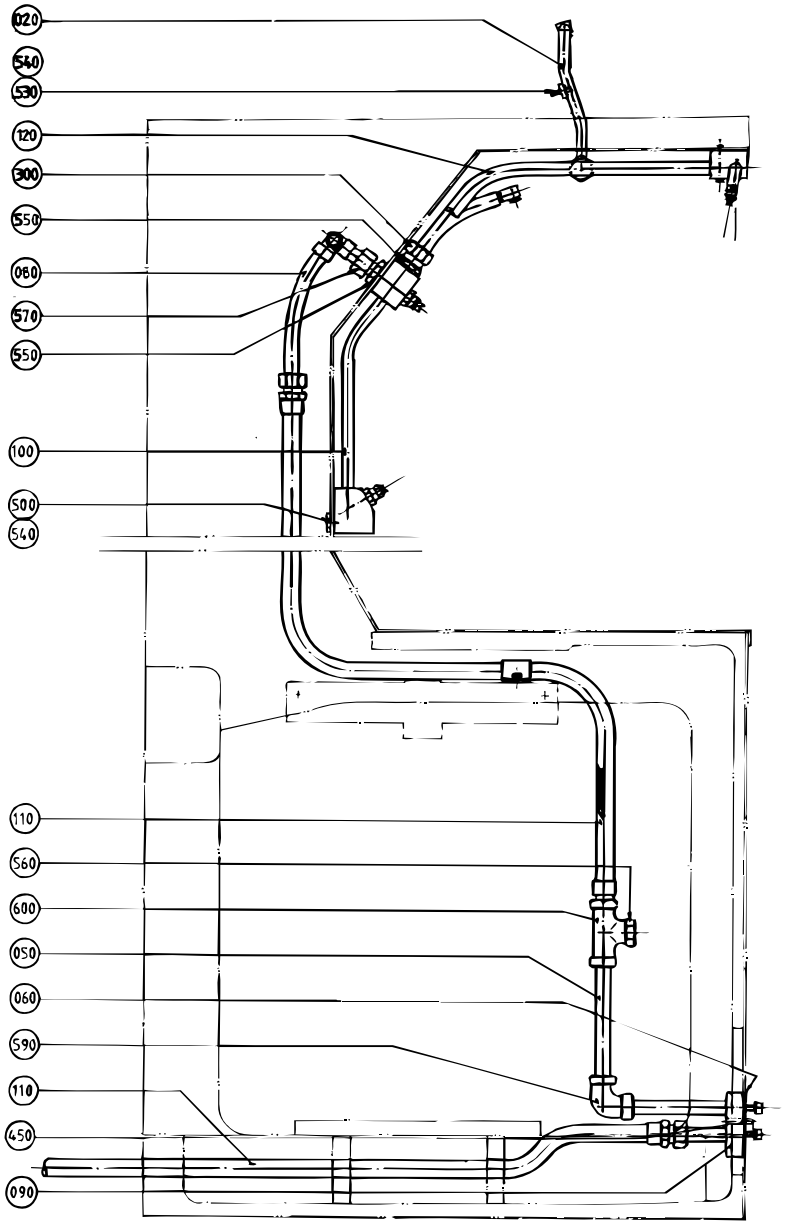


S-271562-22
ECN 22316

Pos	Part No	SP	UN	Qty	Description	Page No
870	342767-0100	K		1	BULKHEAD CONNECTOR G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No



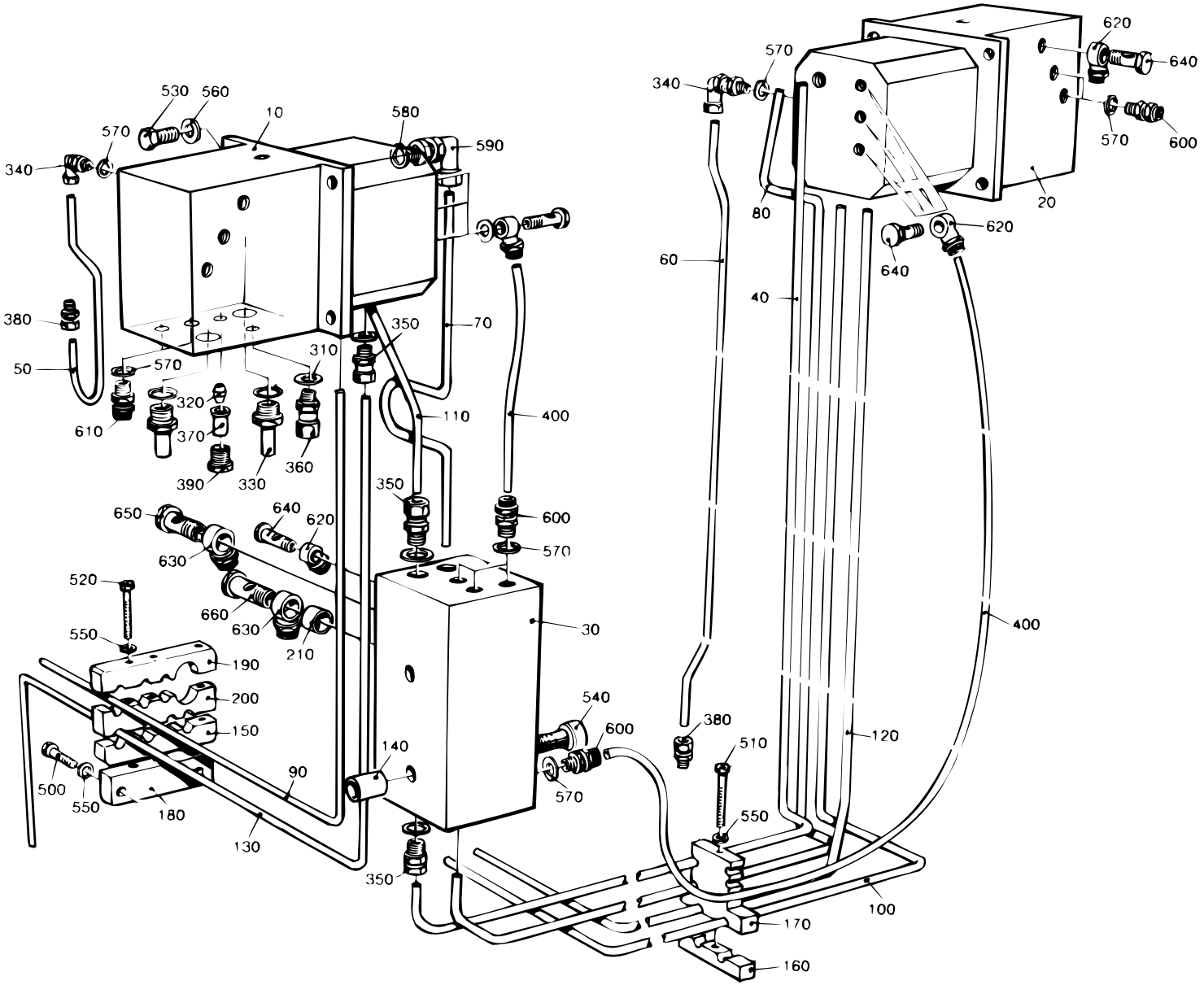


S-271261-7
ECN 21623

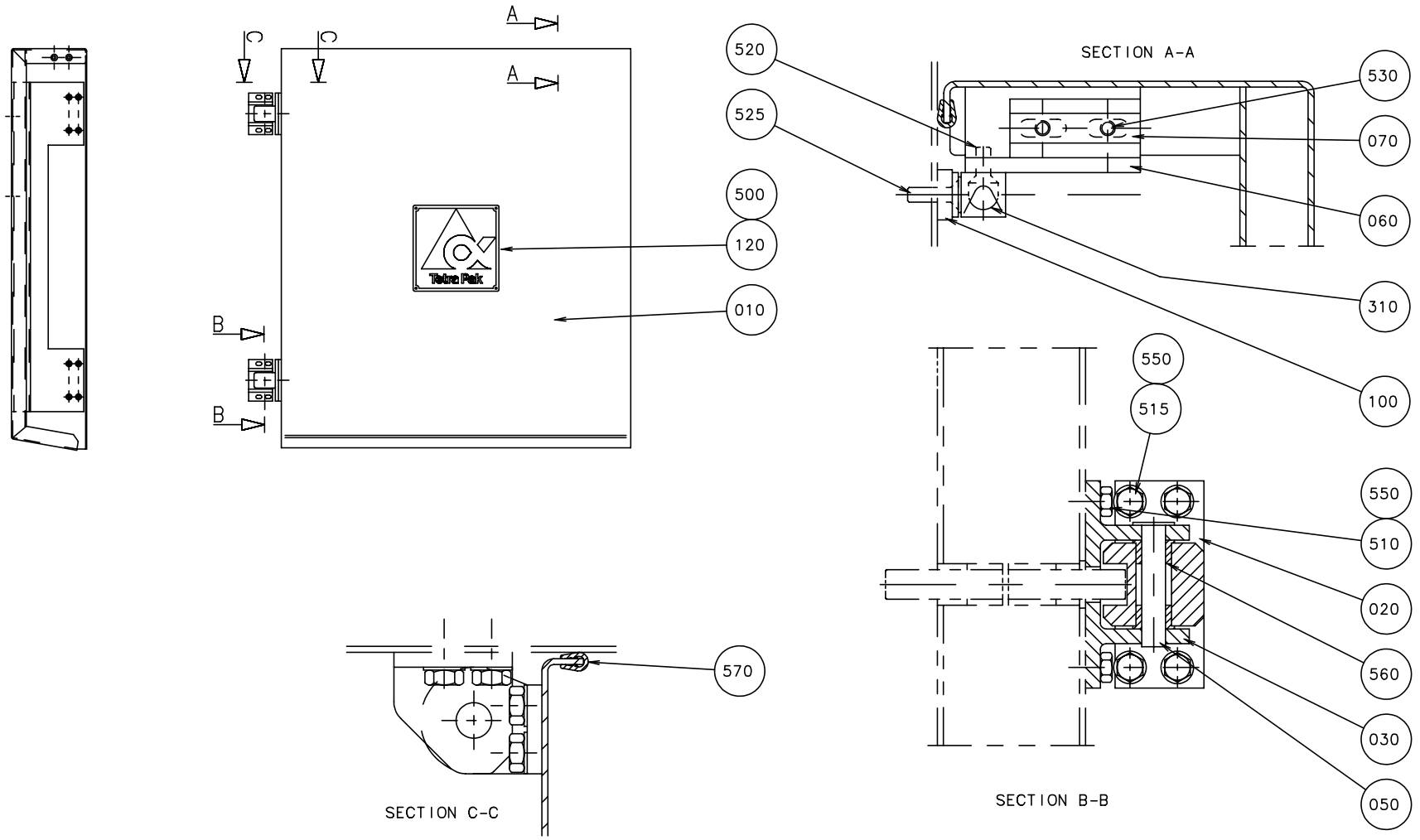
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
030	18542-0000	-		2	WASHER	
040	257190-0000	-		2	SEPARATION BLOCK	
050	272679-0000	-		1	PIPE	
060	295417-0000	M		1	GASKET	
070	295785-0000	-		1	FORCE SPRING	
080	295978-0000	-		1	PIPE	
090	578091-0000	-		1	BRANCH PIPE	
100	441665-0000	-		1	FORCE SPRING	
110	469146-0000	D		2	HOSE	
120	456128-0000	-		1	FORCE SPRING	
130	469134-0000	-		1	BRACKET	
140	469135-0000	-		1	HOLDER	
300	90030-0151	K		3	Straight Conn.15-R1/2",ext.thread	
310	90330-0097	-		2	NIPPLES,EXT.G-THREAD G1/8"	
320	90330-0099	-		2	ELBOW 90,INTERNAL THREAD Rp1/8"	
330	90424-0032	K		2	NOZZLE	
340	90424-0033	K		4	NOZZLE	
350	90424-0035	K		4	NOZZLE	
450	311103-0272	-		1	PIN,STRAIGHT M6 4x20	
490	312105-0327	-		4	SCREW M6S ISO 4017 M5X12 A280	
500	312105-0364	-		1	SCREW M6S 6x10 A280	
510	312105-0378	-		2	SCREW ISO 4017 M6x40 A280	
520	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
530	312115-0364	-		1	SCREW MC6S 6x10 A4 80	
535	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
538	315105-0146	-		6	WASHER,PLAIN ROUND 5,3x10 Stainless	
540	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
550	315233-0113	K		6	PLAIN ROUND,NYLON R1/2"	
560	342710-0115	K		1	REDUCTION RBM 16/8	
570	342720-0114	K		3	STRAIGHT CONNECTION GA-15-G1/2"	
580	342726-0109	K		1	PIPE CONNECTION G-12	
590	342736-0114	K		1	ELBOW CONNECTION W-15	
600	342746-0114	K		1	T-PIPE CONNECTION T-15	
TBA 0100B or TBA 0125S						
010	271121-0000	-		1	FORCE SPRING	
020	456129-0001	-		1	FORCE SPRING	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
010	295985-0000	-		1	FORCE SPRING	
020	456129-0002	-		1	FORCE SPRING	

Pos	Part No	SP	UN	Qty	Description	Page No

DISTRIBUTOR BLOCK



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	491255-0000	-		1	DISTRIBUTOR BLOCK LEFT	
020	491254-0000	-		1	DISTRIBUTOR BLOCK RIGHT	
030	491256-0000	-		1	DISTRIBUTOR BLOCK LEFT	
040	491244-0000	-		1	PIPE WATER	
050	491245-0000	-		1	PIPE CENTRAL LUBRICATION	
060	491246-0000	-		1	PIPE CENTRAL LUBRICATION	
070	491247-0000	-		1	PIPE WATER	
080	491248-0000	-		1	PIPE WATER	
090	491249-0000	-		1	PIPE HYDRAULIC	
100	491250-0000	-		1	PIPE HYDRAULIC	
110	491251-0000	-		1	PIPE WATER	
120	491252-0000	-		1	PIPE HYDRAULIC	
130	491253-0000	-		1	PIPE HYDRAULIC	
140	271088-0000	-		2	SPACER	
150	271323-0000	-		1	HOLDER	
160	271343-0000	-		2	HOLDER	
170	271344-0000	-		2	HOLDER	
180	456561-0000	-		1	BRACKET	
190	469000-0000	-		1	HOLDER	
200	469001-0000	-		1	HOLDER	
210	469071-0000	D		2	SPACER	
310	90005-0045	-		2	WASHER,Plain Round 10x14;H=2 G3/8"	
330	90030-0065	K		4	PIPE CONNECTION	
340	90030-0171	K		2	ELBOW CONNECTION EVW,EXT 6-G1/8"	
350	90030-0185	K		8	STRAIGHT CONNECTION GA-8-G1/4"	
360	90134-0019	K		2	GLAND	
380	B 90134-0034	K		2	NIPPLE	
400	90166-0132	-	M	5	TUBE 6 mm PA,Transp.	
500	312101-0372	-		2	SCREW M6S 6x25 FZB	
510	312101-0385	-		2	SCREW M6S6X75FZB	
520	312101-0388	-		3	SCREW M6S6X90FZB	
530	312105-0453	-		8	SCREW M6S ISO 4017 M8x25 A280	
540	312111-0471	-		2	SCREW MC6S8X100FZB	
550	315101-0153	-		7	WASHER BRB 6,4x12 FZB	
560	315105-0165	-		8	WASHER,PLAIN ROUND 8,4x16 Stainless	
570	315211-0105	K		6	GASKETS,BOLT HEAD G1/8"	
580	315211-0108	K		4	GASKETS,BOLT HEAD G1/4"	
590	342738-0208	K		4	ELBOW CONNECTION EVW,EXT 8-G1/4"	
600	342722-0202	K		10	PIPE COUPLING 1/8" D=6mm	
610	342921-0121	K		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
620	342732-0102	K		11	ELBOW PIPE JOINT	
630	342980-0122	K		5	BANJO-CONNECTION,RING 8/6-G1/4"	
650	342980-0304	K		3	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	
660	342980-0314	K		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/4"	
TBA						
320	90028-0021	F		2	CONE DIN3862 Di=4mm	
370	90134-0031	K		2	SLEEVE E 4/2	
390	90134-0038	-		2	BUSHING 4 DIN 3871 Stainless	


A
A
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B
520
525
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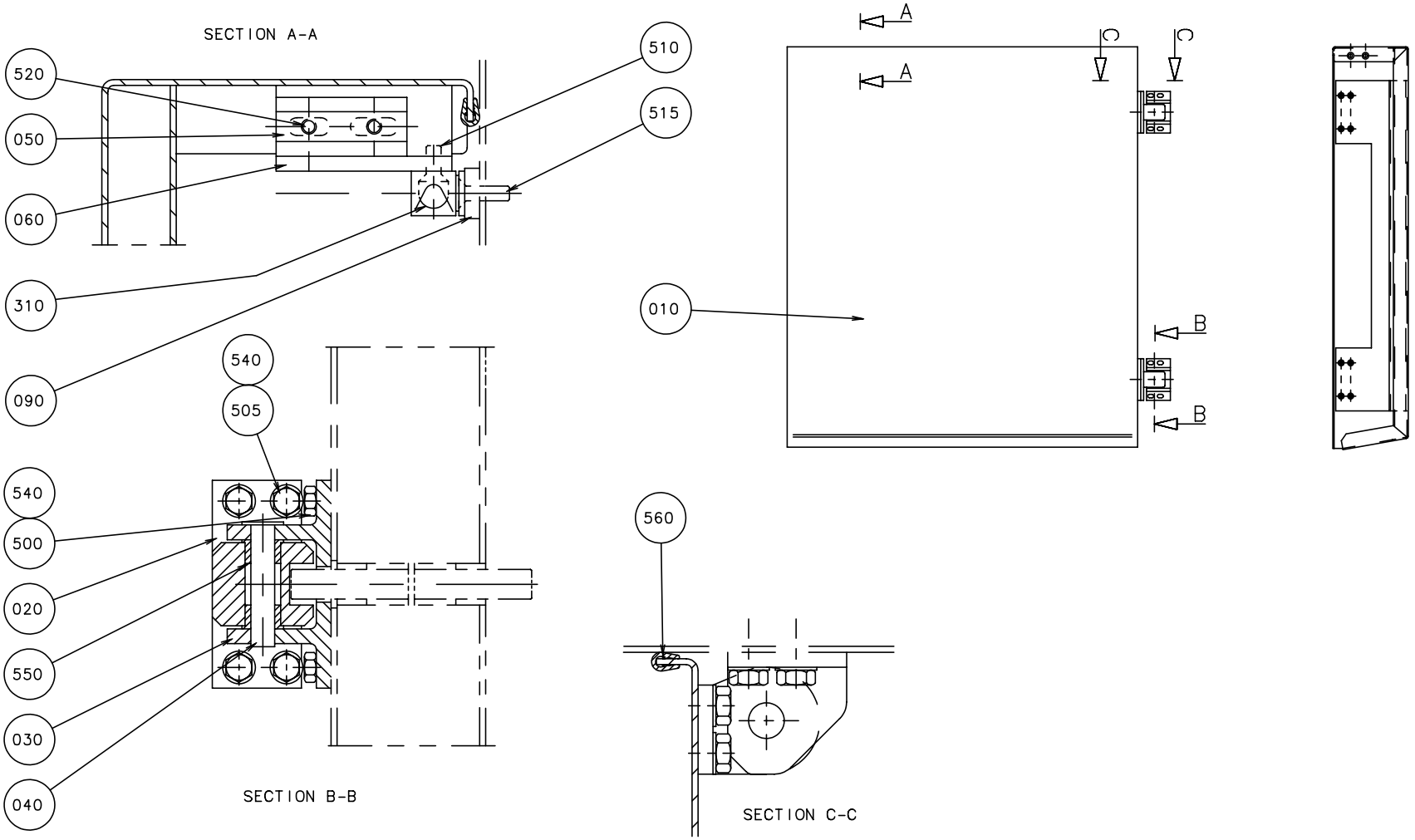
515
550
510
020
560
030
050
SECTION B-B
SECTION C-C

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1279046-0000	D		1	DOOR	
020	271219-0000	D		2	HINGE	
030	271220-0000	D		2	HINGE	
050	271221-0000	D		2	PIN	
060	441668-0000	-		1	HOLDER	
070	441691-0000	-		1	PLATE	
100	469492-0000	-		1	SPACER	
120	574658-0000	D		1	LOGOTYPE TP	
310	90237-0071	M		1	MAGNETLOCK	
500	311520-0435	-		4	BLANK RIVE3,2X10	
510	312105-0329	-		8	SCREW M6S ISO 4017 M5x16 A280	
515	312105-0331	-		8	SCREW M6S ISO 4017 M5X20 A280	
520	312145-0222	-		2	SLOTTED HEMFS3X8RFR	
525	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
530	312155-0329	-		2	SCREW MF6S DIN 7991 M5x16 A280	
550	315105-0146	-		16	WASHER,PLAIN ROUND 5,3x10 Stainless	
560	321111-0096	D		4	BEARING BUSHING WITH FLANGE, 8/12X8	
570	90143-0060	-	MM	1600	EDGE STRIP 9,5x6,3mm Black PVC	

Pos	Part No	SP	UN	Qty	Description	Page No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050
060
310
090
510
515
010
A
A
C
C
B
B
540
505
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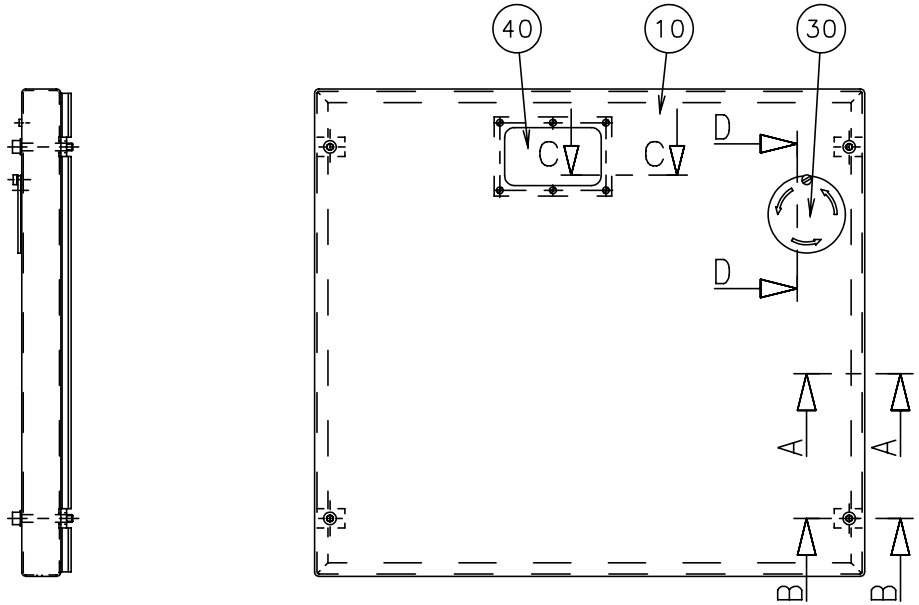
500
020
550
030
040
SECTION B-B
560
SECTION C-C

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1279047-0000	-		1	DOOR	
020	271219-0000	D		2	HINGE	
030	271220-0000	D		2	HINGE	
040	271221-0000	D		2	PIN	
050	441691-0000	-		1	PLATE	
060	441692-0000	-		1	HOLDER	
090	469492-0000	-		1	SPACER	
310	90237-0071	K		1	MAGNETLOCK	
500	312105-0329	-		8	SCREW M6S ISO 4017 M5x16 A280	
505	312105-0331	-		8	SCREW M6S ISO 4017 M5X20 A280	
510	312145-0222	-		2	SLOTTED HEMFS3X8RFR	
515	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
520	312155-0329	-		2	SCREW MF6S DIN 7991 M5x16 A280	
540	315105-0146	-		16	WASHER,PLAIN ROUND 5,3x10 Stainless	
550	321111-0096	K		4	BEARING BUSHING WITH FLANGE, 8/12X8	
560	90143-0060	-	MM	1600	EDGE STRIP 9,5x6,3mm Black PVC	

Pos	Part No	SP	UN	Qty	Description	Page No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D
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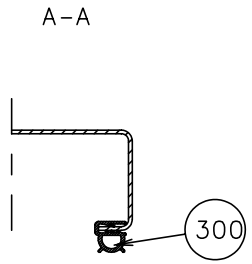
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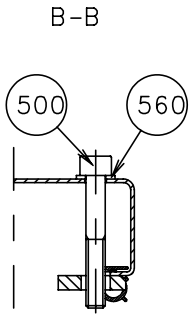
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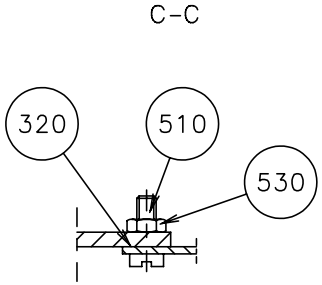
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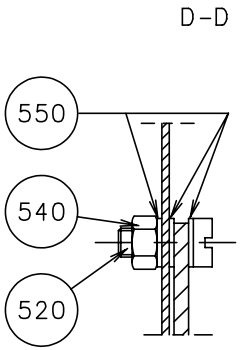
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520

Pos	Part No	SP	UN	Qty	Description	Page No
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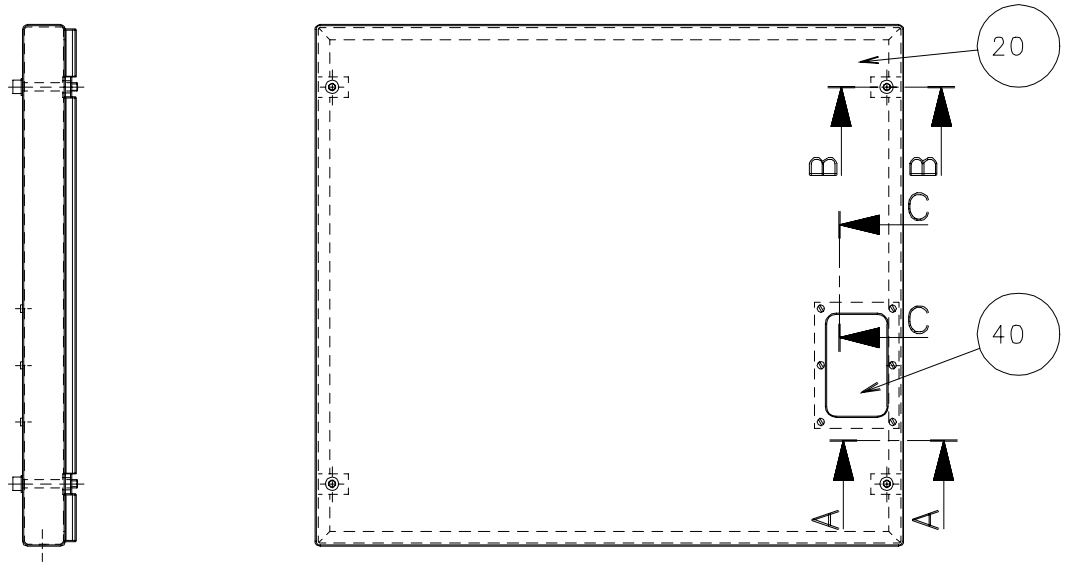
010	1279044-0000	-		1	HATCH	
030	469964-0000	-		1	LID	
040	257231-0000	D		1	WINDOW	
300	90143-0068	M	MM	2200	RUBBERSTRIP EMKA 1011-06	
320	90157-0022	M	L	x	SEALING COMPOUND	
500	312115-0463	-		4	SCREW MC6S ISO 4762 M8X60 A280	
510	312125-0291	-		6	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
520	312125-0329	-		1	SLOTTED CHEESE HEAD ISO 1207 M5X16 RFR	
530	312605-0312	-		6	NUT,HEXAGON,M4 RFR	
540	312810-0314	-		1	LOCK NUT 5FZB	
550	315105-0146	-		3	WASHER,PLAIN ROUND 5,3x10 Stainless	
560	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
570	315202-0105	-		4	O-RING 7,1x1,6	

Pos	Part No	SP	UN	Qty	Description	Page No



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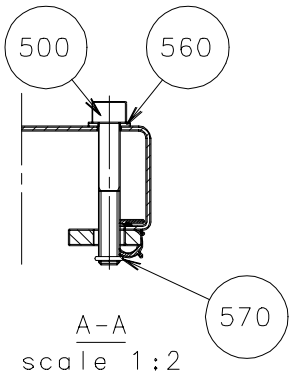

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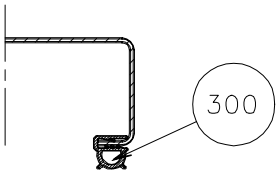

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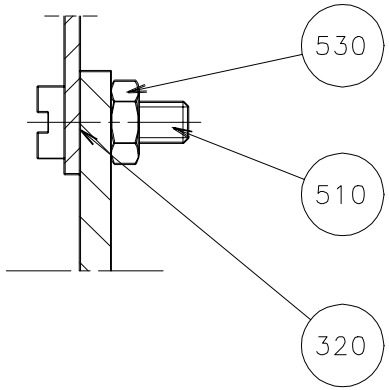
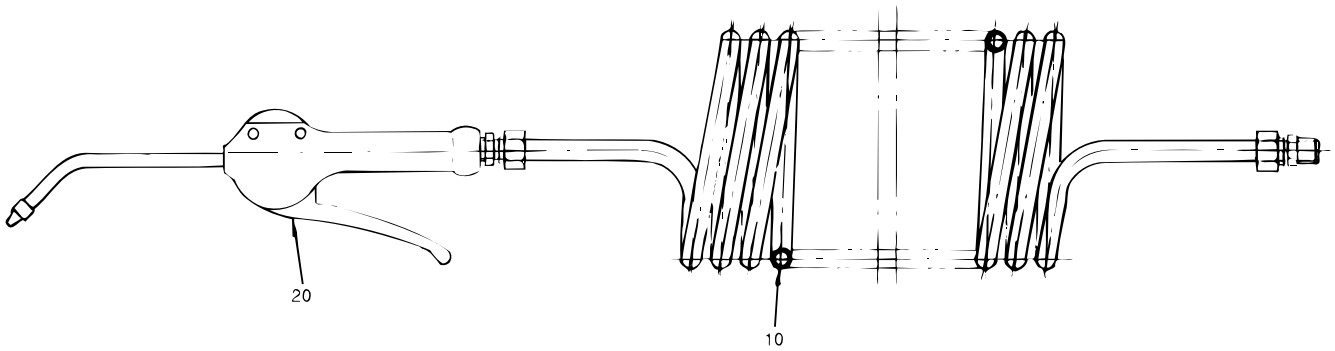
scale 2:1



Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1279045-0000	-		1	HATCH	
040	257231-0000	D		1	WINDOW	
300	90143-0068	M	MM	2200	RUBBERSTRIP EMKA 1011-06	
320	90157-0022	M	L	x	SEALING COMPOUND	
500	312115-0463	-		4	SCREW MC6S ISO 4762 M8X60 A280	
510	312125-0291	-		6	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
530	312605-0312	-		6	NUT,HEXAGON,M4 RFR	
560	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
570	315202-0105	-		4	O-RING 7,1x1,6	

Pos	Part No	SP	UN	Qty	Description	Page No

AIR JET GUN



Pos	Part No	SP	UN	Qty	Description	Page No
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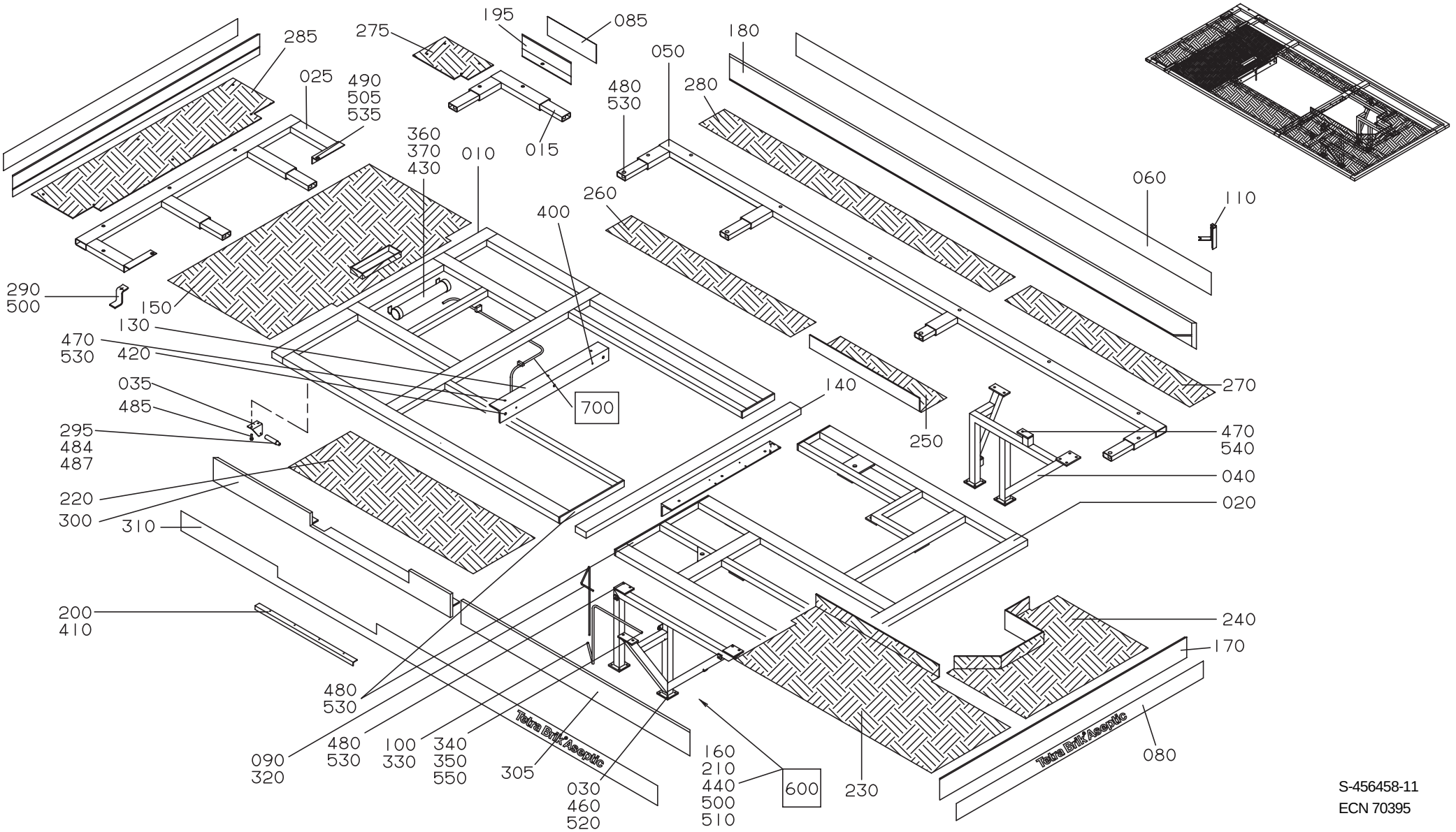
010	90152-0016	M		1	HOSE	
020	90243-0061	M		1	FAN NOZZLE	

Pos	Part No	SP	UN	Qty	Description	Page No



S-456458-11
ECN 70395

Pos	Part No	SP	UN	Qty	Description	Page No
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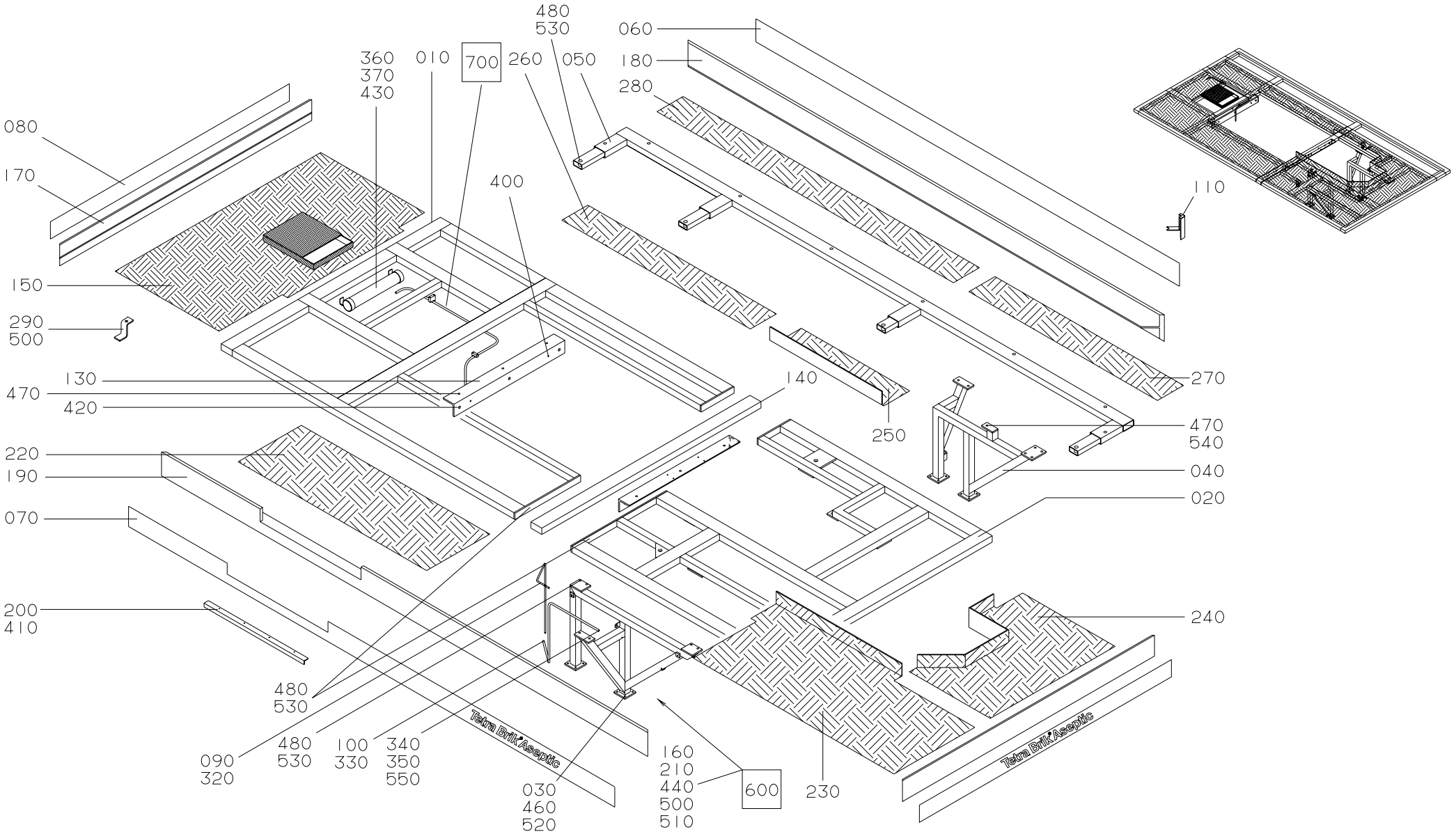
025	581252-0000	-		1	PLATFORM	
035	979967-0000	-		1	BRACKET	
085	581309-0000	-		2	RIM	
150	1334037-0000	-		1	CHECKER PLATE	
195	581306-0000	-		1	RIM	
275	581251-0000	-		1	CHECKER PLATE	
285	581250-0000	-		1	CHECKER PLATE	
290	979092-0000	-		64	FASTENING IRON	
295	978878-0000	-		1	SHAFT	
300	979892-0000	-		1	TOE PLATE	
310	979944-0000	-		1	STRIP	
480	312105-0536	-		31	SCREW M6S ISO 4017 M12X30 A280	
484	90347-0005	-		1	VIBRATION DAMPER	
485	312105-0453	-		3	SCREW M6S ISO 4017 M8x25 A280	
487	312125-0291	-		1	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
490	312151-0536	-		2	SCREW MF6S12X30FZB	
500	312155-0366	-		66	SCREW MF6S DIN 7991 M6x12 A280	
505	312601-0322	-		2	NUT M6M 12-8 FZB	
530	315105-0178	-		33	WASHER,PLAIN ROUND 13x24	
535	315111-0178	-		2	WASHER TBRB13X24FZB	
Common parts						
F600	A 271387-0300	M		1	SPRAY GUN	**208**
F700	A 979706-0100	-		1	CABLE DUCT	**210**
010	979015-0000	-		1	PLATFORM	
020	979016-0000	-		1	PLATFORM	
030	979090-0000	-		1	LEG, LEFT	
040	979091-0000	-		1	LEG, RIGHT	
050	1348453-0000	-		1	PLATFORM	
055	1348454-0000	-		1	PLATFORM	
060	578053-0000	-		1	STRIP, RIGHT	
080	578055-0000	-		2	STRIP, GABLE	
090	578058-0000	-		1	PIPE	
100	578059-0000	-		1	PIPE	
110	1036894-0000	-		4	CORNER STRIP	
130	979017-0000	-		2	BRACKET	
140	979018-0000	-		1	BEAM	
160	578212-0000	-		1	BRACKET	
170	578760-0000	-		2	TOE PLATE	
180	1348451-0000	-		1	TOE PLATE	
200	578763-0000	-		1	CORNER STRIP	
210	752093-0000	-		1	HOLDER	

Pos	Part No	SP	UN	Qty	Description	Page No
220	979020-0000	-		1	CHECKER PLATE	
230	979021-0000	-		1	CHECKER PLATE	
240	979022-0000	-		1	CHECKER PLATE	
250	979023-0000	-		1	CHECKER PLATE	
260	979024-0000	-		1	CHECKER PLATE	
270	979088-0000	-		1	CHECKER PLATE	
280	979089-0000	-		1	CHECKER PLATE	
305	979893-0000	-		2	TOE PLATE	
320	90030-0185	-		2	STRAIGHT CONNECTION GA-8-G1/4"	
330	90030-0088	-		1	Straight Conn., 12-R1/4,ext. thread	
340	90030-0115	-		1	ELBOW CONNECTION WA 12-R3/8	
350	90163-0028	-		1	SLEEVE CHROMIUM PLATED BRASS	
360	B 90164-0009	D		1	LIGHT FIXTURE	
370	90164-0303	D		2	BRACKET SK2202 Waldmann	
400	311103-0458	-		4	PINS,STRAIGHT 10X30	
410	311520-0423	-		4	BLANK RIVE3,2X6	
420	312101-0624	-		6	SCREW M6S16X30FZB	
430	312105-0364	-		4	SCREW M6S 6x10 A280	
440	312105-0383	-		2	SCREW M6S ISO 4014 M6x65 A280	
460	312105-0455	-		16	SCREW M6S ISO 4017 M8x30 A280	
470	312105-0534	-		9	SCREW M6S ISO 4017 M12X25 A280	
510	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
520	315105-0165	-		16	WASHER,PLAIN ROUND 8,4x16 Stainless	
540	315115-0178	-		1	WASHER TBRB 13x24 Stainless	
550	315233-0110	-		2	PLAIN ROUND,NYLON R1/4"	

PLATFORM TBA/19



S-456458-12
ECN 70396

Pos	Part No	SP	UN	Qty	Description	Page No
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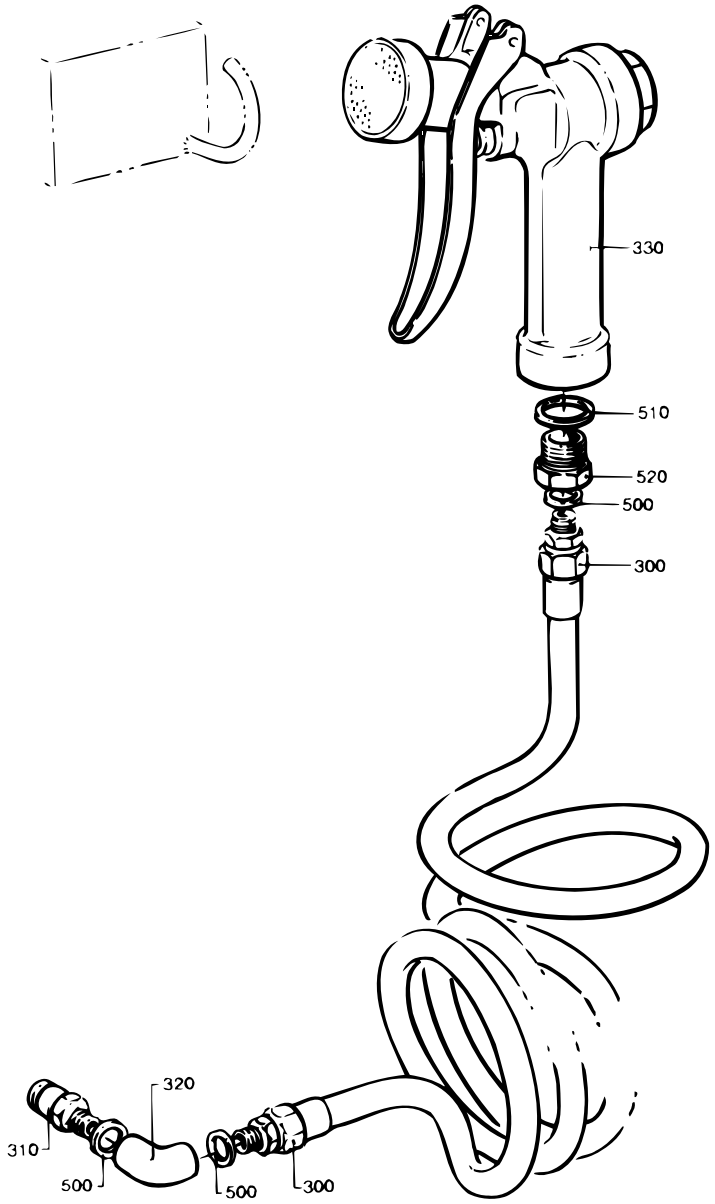
025	581252-0000	-		1	PLATFORM	
035	979967-0000	-		1	BRACKET	
085	581309-0000	-		2	RIM	
150	1334037-0000	-		1	CHECKER PLATE	
195	581306-0000	-		1	RIM	
275	581251-0000	-		1	CHECKER PLATE	
285	581250-0000	-		1	CHECKER PLATE	
290	979092-0000	-		64	FASTENING IRON	
295	978878-0000	-		1	SHAFT	
300	979892-0000	-		1	TOE PLATE	
310	979944-0000	-		1	STRIP	
480	312105-0536	-		31	SCREW M6S ISO 4017 M12X30 A280	
484	90347-0005	-		1	VIBRATION DAMPER	
485	312105-0453	-		3	SCREW M6S ISO 4017 M8x25 A280	
487	312125-0291	-		1	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
490	312151-0536	-		2	SCREW MF6S12X30FZB	
500	312155-0366	-		66	SCREW MF6S DIN 7991 M6x12 A280	
505	312601-0322	-		2	NUT M6M 12-8 FZB	
530	315105-0178	-		33	WASHER,PLAIN ROUND 13x24	
535	315111-0178	-		2	WASHER TBRB13X24FZB	
Common parts						
F600	A 271387-0300	M		1	SPRAY GUN	**208**
F700	A 979706-0100	-		1	CABLE DUCT	**210**
010	979015-0000	-		1	PLATFORM	
020	979016-0000	-		1	PLATFORM	
030	979090-0000	-		1	LEG, LEFT	
040	979091-0000	-		1	LEG, RIGHT	
050	1348453-0000	-		1	PLATFORM	
055	1348454-0000	-		1	PLATFORM	
060	578053-0000	-		1	STRIP, RIGHT	
080	578055-0000	-		2	STRIP, GABLE	
090	578058-0000	-		1	PIPE	
100	578059-0000	-		1	PIPE	
110	1036894-0000	-		4	CORNER STRIP	
130	979017-0000	-		2	BRACKET	
140	979018-0000	-		1	BEAM	
160	578212-0000	-		1	BRACKET	
170	578760-0000	-		2	TOE PLATE	
180	1348451-0000	-		1	TOE PLATE	
200	578763-0000	-		1	CORNER STRIP	
210	752093-0000	-		1	HOLDER	
220	979020-0000	-		1	CHECKER PLATE	
230	979021-0000	-		1	CHECKER PLATE	
240	979022-0000	-		1	CHECKER PLATE	
250	979023-0000	-		1	CHECKER PLATE	
260	979024-0000	-		1	CHECKER PLATE	
270	979088-0000	-		1	CHECKER PLATE	
280	979089-0000	-		1	CHECKER PLATE	
305	979893-0000	-		2	TOE PLATE	
320	90030-0185	-		2	STRAIGHT CONNECTION GA-8-G1/4"	
330	90030-0088	-		1	Straight Conn., 12-R1/4,ext. thread	
340	90030-0115	-		1	ELBOW CONNECTION WA 12-R3/8	
350	90163-0028	-		1	SLEEVE CHROMIUM PLATED BRASS	
360	B 90164-0009	D		1	LIGHT FIXTURE	
370	90164-0303	D		2	BRACKET SK2202 Waldmann	
400	311103-0458	-		4	PINS,STRAIGHT 10X30	
410	311520-0423	-		4	BLANK RIVE3,2X6	
420	312101-0624	-		6	SCREW M6S16X30FZB	
430	312105-0364	-		4	SCREW M6S 6x10 A280	
440	312105-0383	-		2	SCREW M6S ISO 4014 M6x65 A280	
460	312105-0455	-		16	SCREW M6S ISO 4017 M8x30 A280	
470	312105-0534	-		9	SCREW M6S ISO 4017 M12X25 A280	
510	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
520	315105-0165	-		16	WASHER,PLAIN ROUND 8,4x16 Stainless	
540	315115-0178	-		1	WASHER TBRB 13x24 Stainless	
550	315233-0110	-		2	PLAIN ROUND,NYLON R1/4"	

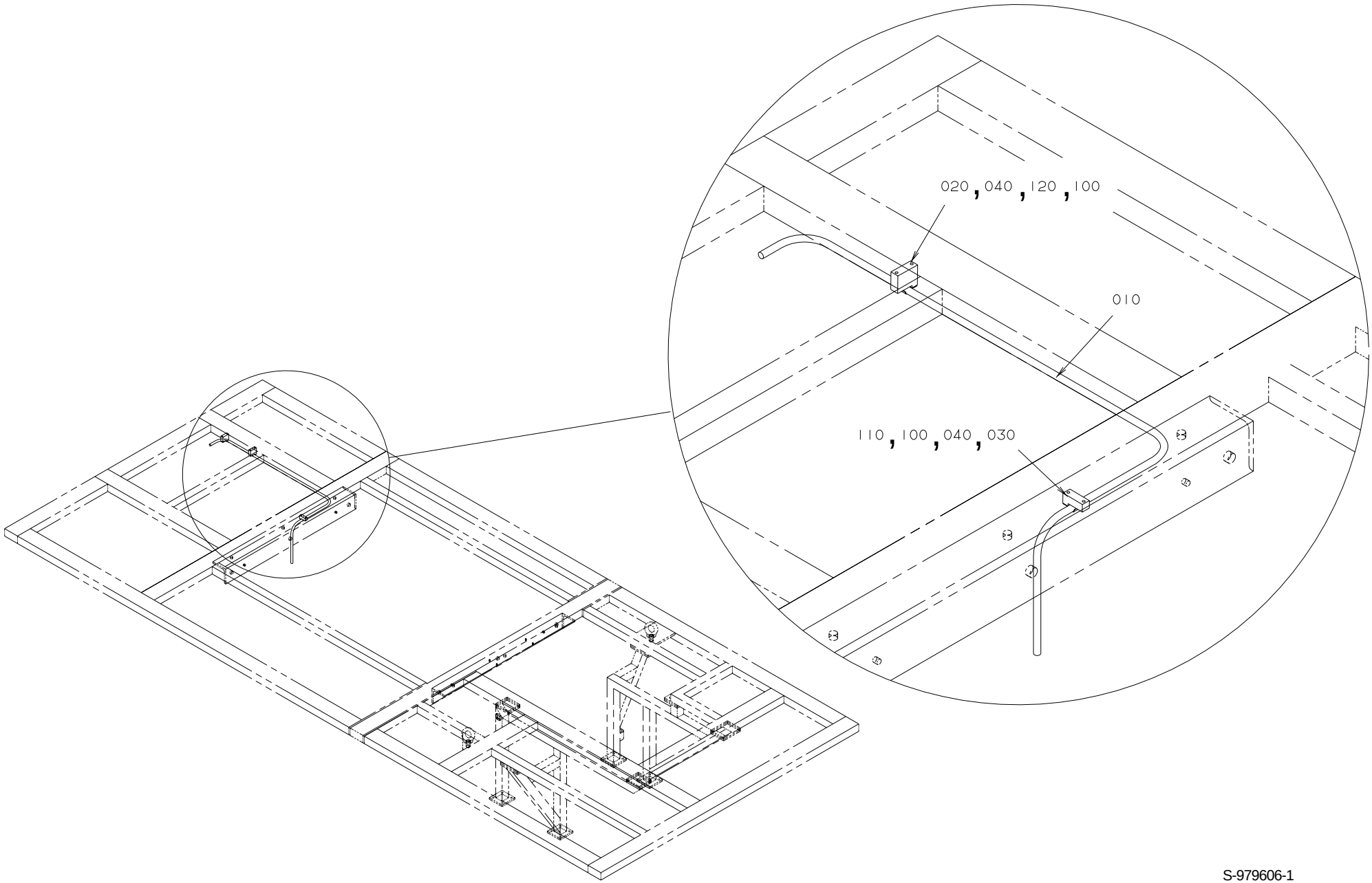
SPRAY GUN



Pos	Part No	SP	UN	Qty	Description	Page No
-						
300	90152-0017	-		1	HOSE	
310	90163-0014	-		1	NIPPLE STAINLESS STEEL	
320	90330-0081	-		1	ELBOW 90,INTERNAL THREAD Rp1/4"	
330	90426-0003	-		1	HAND SHOWER	
500	315233-0110	-		3	PLAIN ROUND,NYLON R1/4"	
510	315233-0113	-		1	PLAIN ROUND,NYLON R1/2"	
520	342701-0205	-		1	BUSHING,INT./EXT.G-THREAD G1/2"-G1/4"	

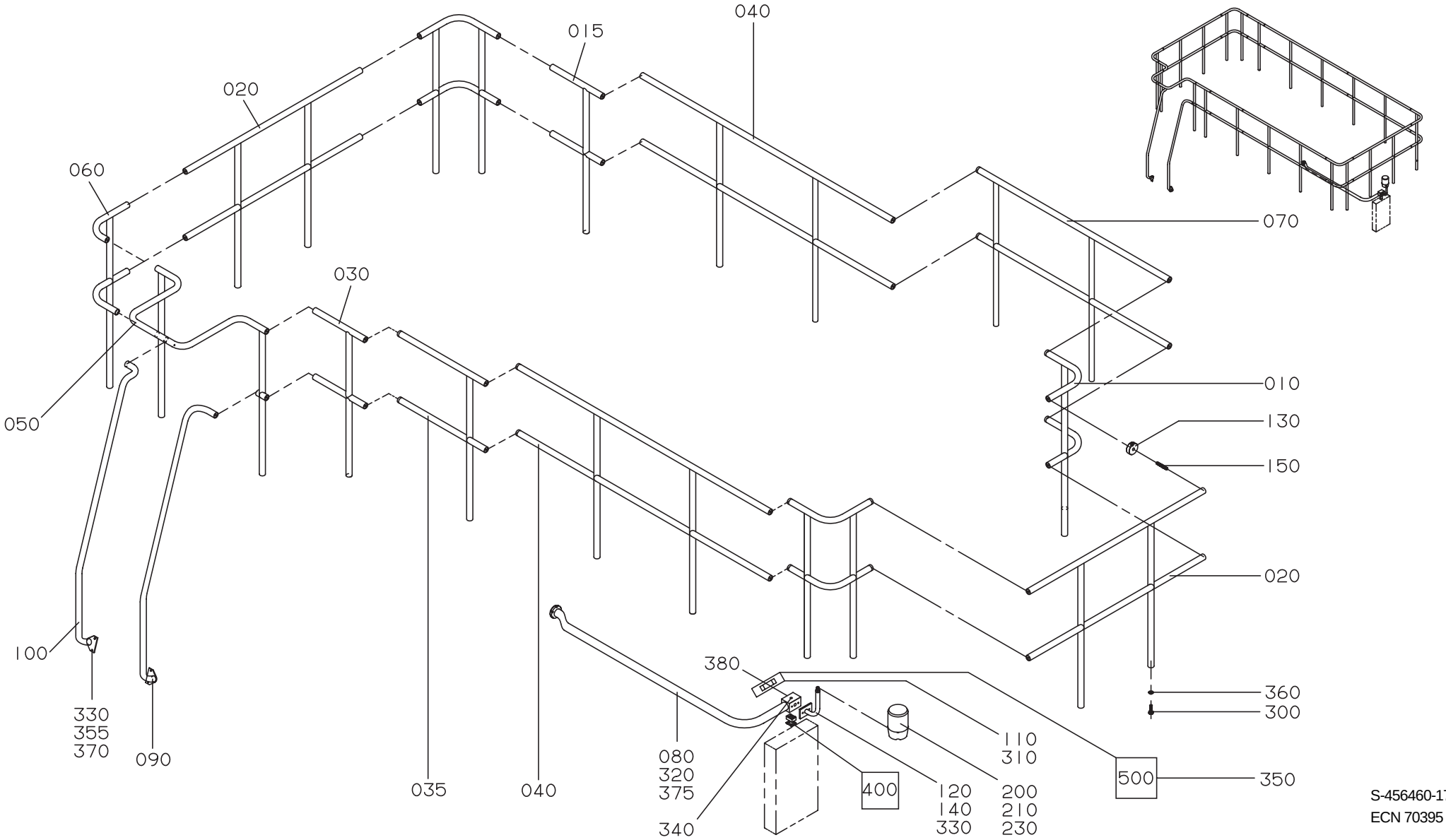
Pos	Part No	SP	UN	Qty	Description	Page No

CABLE DUCT



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979700-0000	-		1	CABLE CONDUIT	
020	979704-0000	-		1	HOLDER	
030	979705-0000	-		1	HOLDER	
040	90074-0004	-		2	PIPE-CLIP,single 16	
100	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
110	312115-0297	-		2	SCREW MC6S ISO 4762 M4X25 A280	
120	312115-0305	-		2	SCREW MC6S ISO 4762 M4X50 A280	

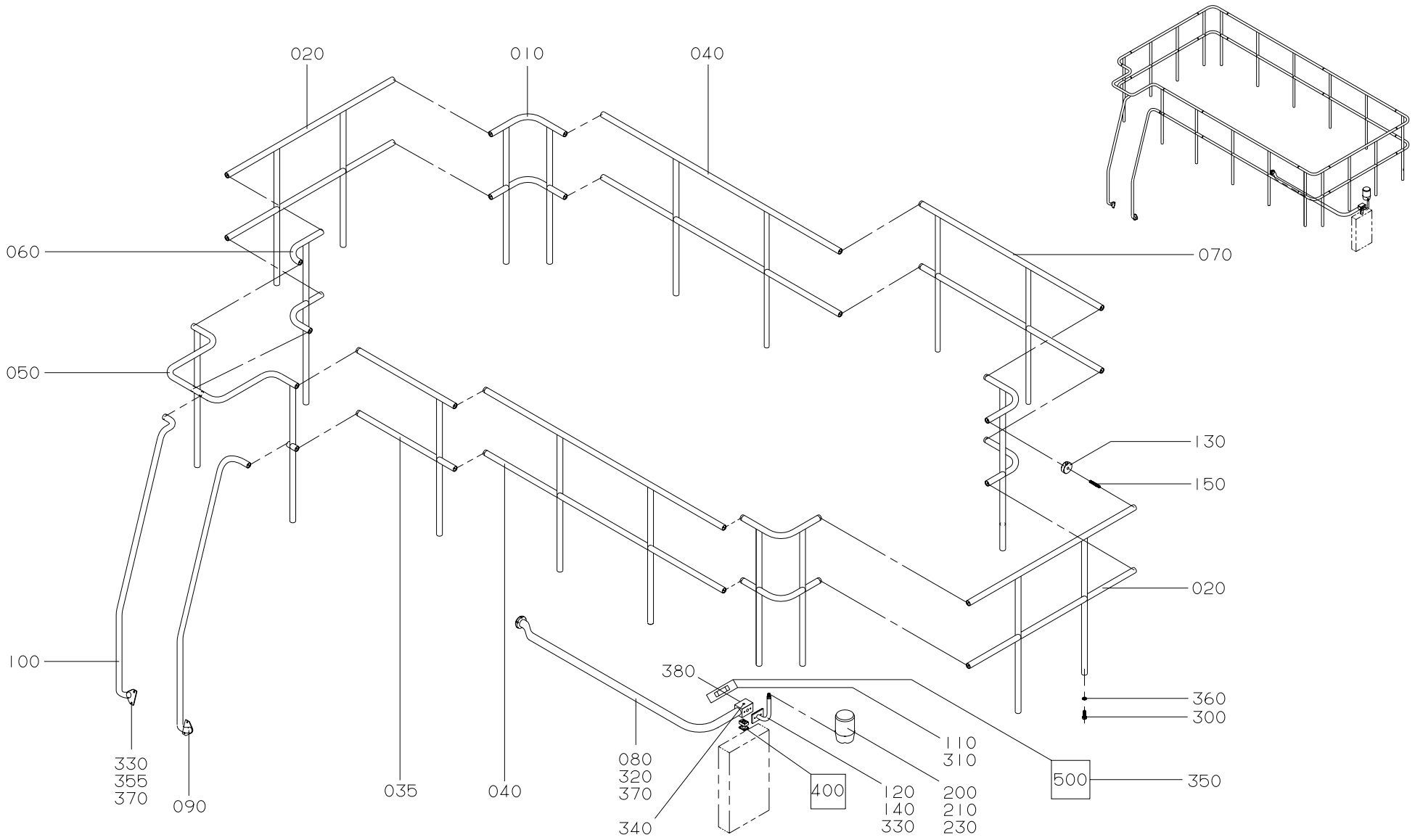
Pos	Part No	SP	UN	Qty	Description	Page No



S-456460-17
ECN 70395

Pos	Part No	SP	UN	Qty	Description	Page No
PT19						
015	B 581307-0000	-		1	RAILING	
030	979696-0000	-		1	RAILING	
130	578640-0000	R		28	CLAMPING RING	
150	751485-0000	R		28	SCREW	
300	312115-0630	-		22	SCREW MC6S ISO 4762 M16X50 A280	
360	315101-0186	-		22	WASHER BRB 17x30 FZB	
NOPT						
130	578640-0000	R		24	CLAMPING RING	
150	751485-0000	R		24	SCREW	
300	312115-0630	-		20	SCREW MC6S ISO 4762 M16X50 A280	
360	315101-0186	-		20	WASHER BRB 17x30 FZB	
Common parts						
F400	A 751332-0100	-		1	BRACKET	**216**
F500	A1350004-0100	-		1	LIGHT FIXTURE	**218**
010	B 577474-0000	-		3	RAILING	
020	B 577476-0000	-		2	RAILING	
035	B 577477-0000	-		1	RAILING	
040	B 577478-0000	-		2	RAILING	
050	B 577479-0000	-		1	RAILING	
060	B 577480-0000	-		1	RAILING	
070	B 578644-0000	-		1	RAILING	
080	979094-0000	-		1	CABLE CONDUIT	
090	B 577481-0000	-		1	RAIL, RIGHT	
100	B 577482-0000	-		1	RAIL, LEFT	
110	577849-0000	-		1	LAMP HOLDER	
120	979095-0000	-		1	LAMP HOLDER	
140	578702-0000	-		1	GASKET	
200	90036-0038	F		1	BULB 24V 25W E27	
210	90099-0002	-		1	NUT Pr 18,6 Brass	
220	90224-0234	D		1	BRACKET	
230	B 90419-0005	R		1	ALARM BEACON,RED24V	
310	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
320	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
330	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
340	312115-0453	-		1	SCREW MC6S ISO 4762 M8X25 A280	
350	312125-0323	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
355	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
370	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
375	462307-0000	-		2	WASHER	
380	352103-0108	-		1	CABLE GLAND ST 13	

Pos	Part No	SP	UN	Qty	Description	Page No

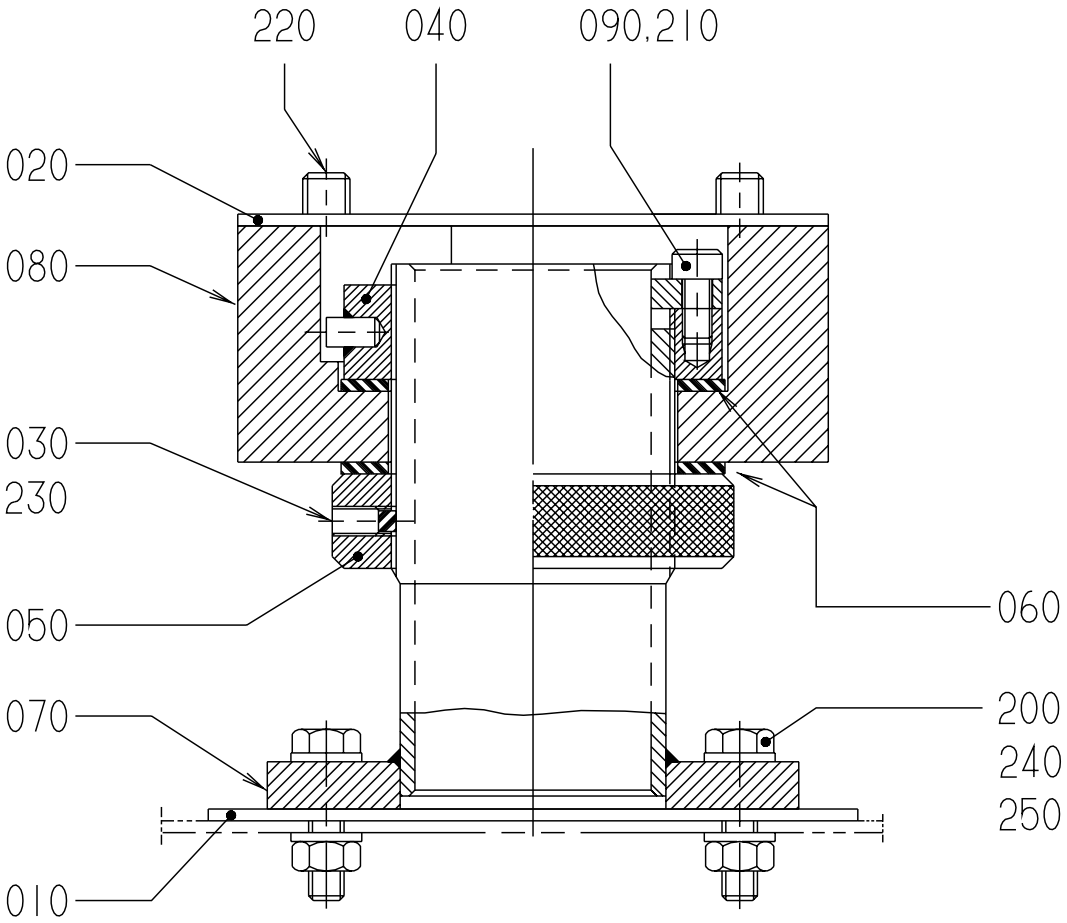


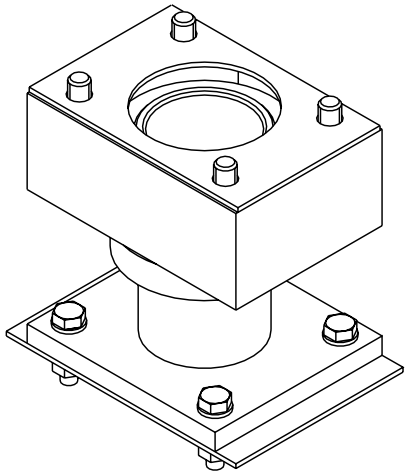
S-456460-18
ECN 70369

Pos	Part No	SP	UN	Qty	Description	Page No
PT19						
015	B 581307-0000	-		1	RAILING	
030	979696-0000	-		1	RAILING	
130	578640-0000	R		28	CLAMPING RING	
150	751485-0000	R		28	SCREW	
300	312115-0630	-		22	SCREW MC6S ISO 4762 M16X50 A280	
360	315101-0186	-		22	WASHER BRB 17x30 FZB	
NOPT						
130	578640-0000	R		24	CLAMPING RING	
150	751485-0000	R		24	SCREW	
300	312115-0630	-		20	SCREW MC6S ISO 4762 M16X50 A280	
360	315101-0186	-		20	WASHER BRB 17x30 FZB	
Common parts						
F400	A 751332-0100	-		1	BRACKET	**216**
F500	A1350004-0100	-		1	LIGHT FIXTURE	**218**
010	B 577474-0000	-		3	RAILING	
020	B 577476-0000	-		2	RAILING	
035	B 577477-0000	-		1	RAILING	
040	B 577478-0000	-		2	RAILING	
050	B 577479-0000	-		1	RAILING	
060	B 577480-0000	-		1	RAILING	
070	B 578644-0000	-		1	RAILING	
080	979094-0000	-		1	CABLE CONDUIT	
090	B 577481-0000	-		1	RAIL, RIGHT	
100	B 577482-0000	-		1	RAIL, LEFT	
110	577849-0000	-		1	LAMP HOLDER	
120	979095-0000	-		1	LAMP HOLDER	
140	578702-0000	-		1	GASKET	
200	90036-0038	F		1	BULB 24V 25W E27	
210	90099-0002	-		1	NUT Pr 18,6 Brass	
220	90224-0234	D		1	BRACKET	
230	B 90419-0005	R		1	ALARM BEACON,RED24V	
310	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
320	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
330	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
340	312115-0453	-		1	SCREW MC6S ISO 4762 M8X25 A280	
350	312125-0323	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
355	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
370	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
375	462307-0000	-		2	WASHER	
380	352103-0108	-		1	CABLE GLAND ST 13	

Pos	Part No	SP	UN	Qty	Description	Page No

BRACKET

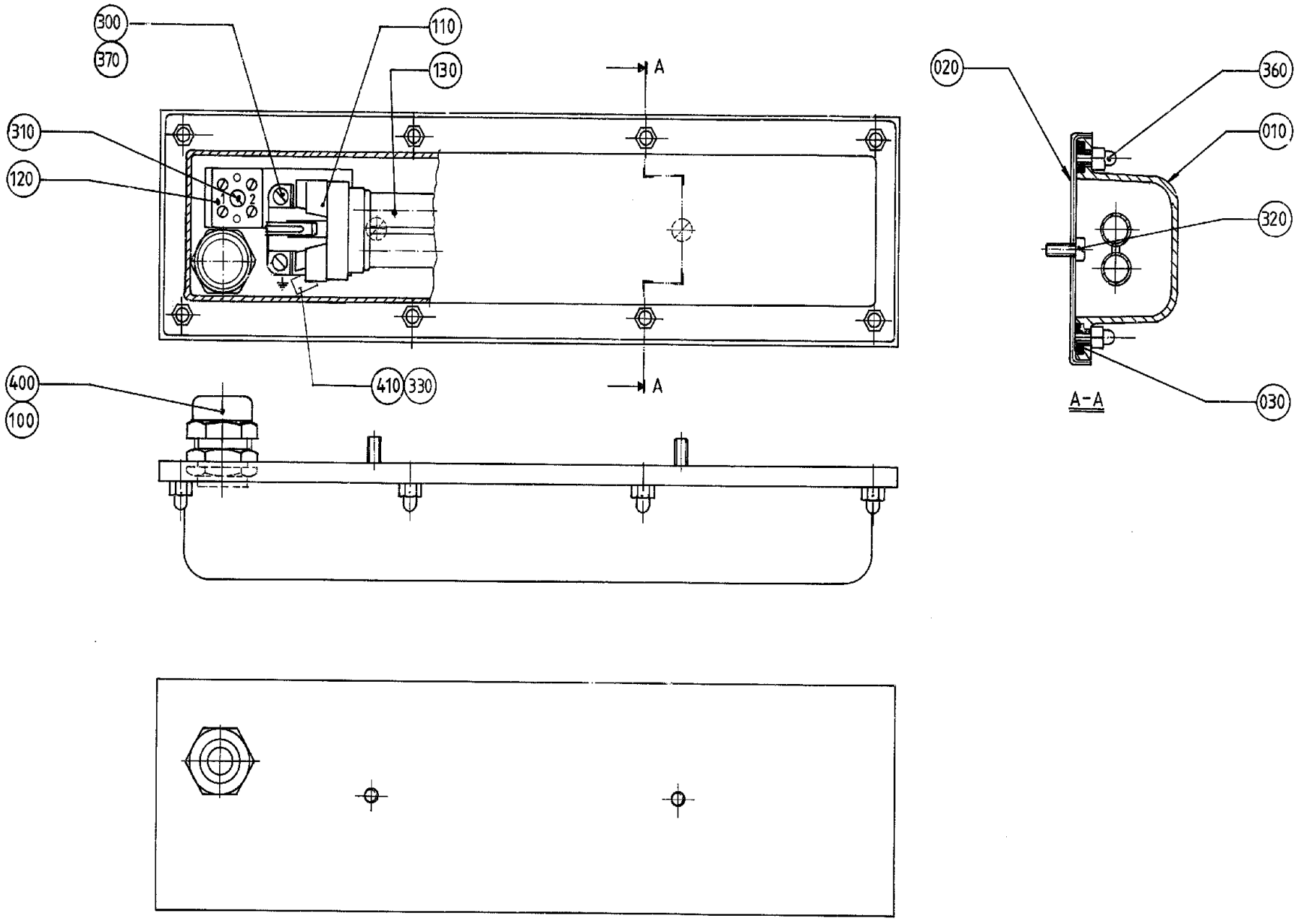




Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	441448-0000	D		1	GASKET	
020	490500-0000	D		1	GASKET	
030	751095-0000	D		2	PLUG	
040	751096-0000	D		1	LOCKING CIRCLIP	
050	751097-0000	D		1	BRAKE RING	
060	751098-0000	D		2	FRICTION DISC	
070	751099-0000	D		1	LEAD-IN	
080	751100-0000	D		1	BEARING HOUSING	
090	751108-0000	D		1	SECURING PLATE	
200	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
210	312115-0325	-		1	SCREW 5X10 A4 80	
220	312115-0459	-		4	SCREW MC6S ISO 4762 M8X40 A280	
230	312318-0323	-		2	SET SCREW CUP POINT ISO 4029 M5X8 RFR	
240	312605-0316	-		4	NUT,HEXAGON A280 M6M6	
250	315105-0153	-		8	WASHER,PLAIN ROUND 6,4x12 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

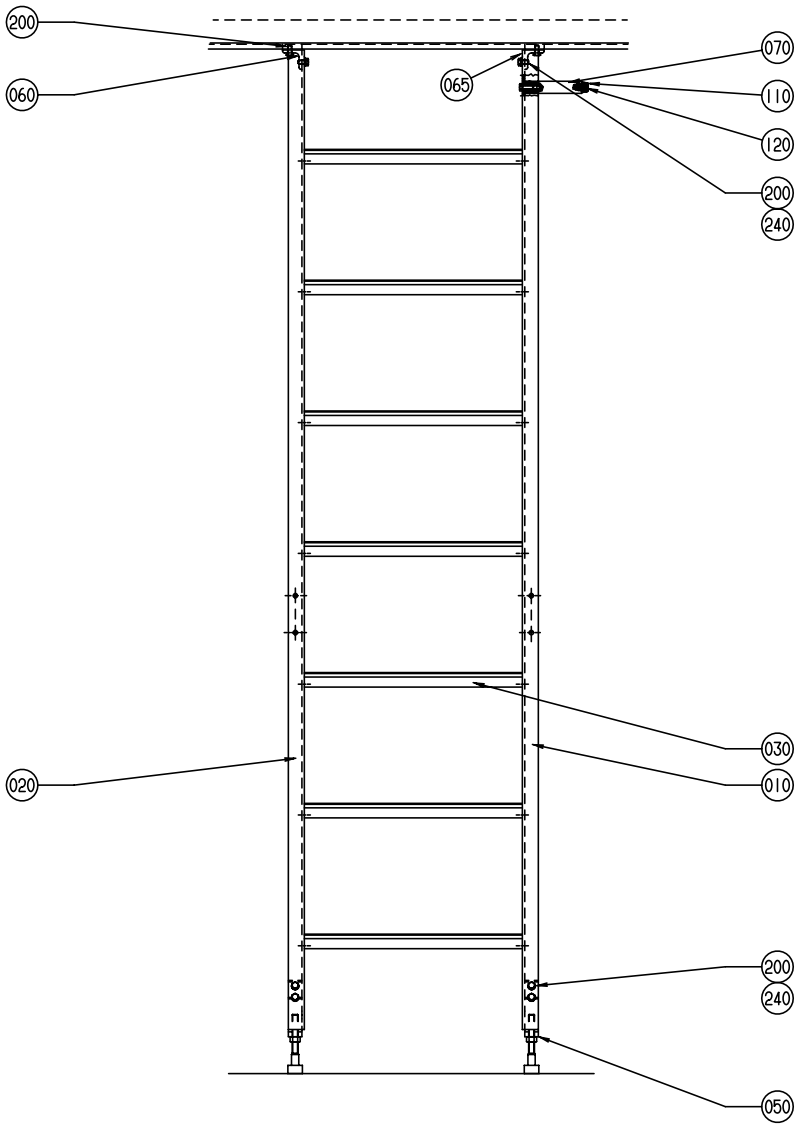
LIGHT FIXTURE

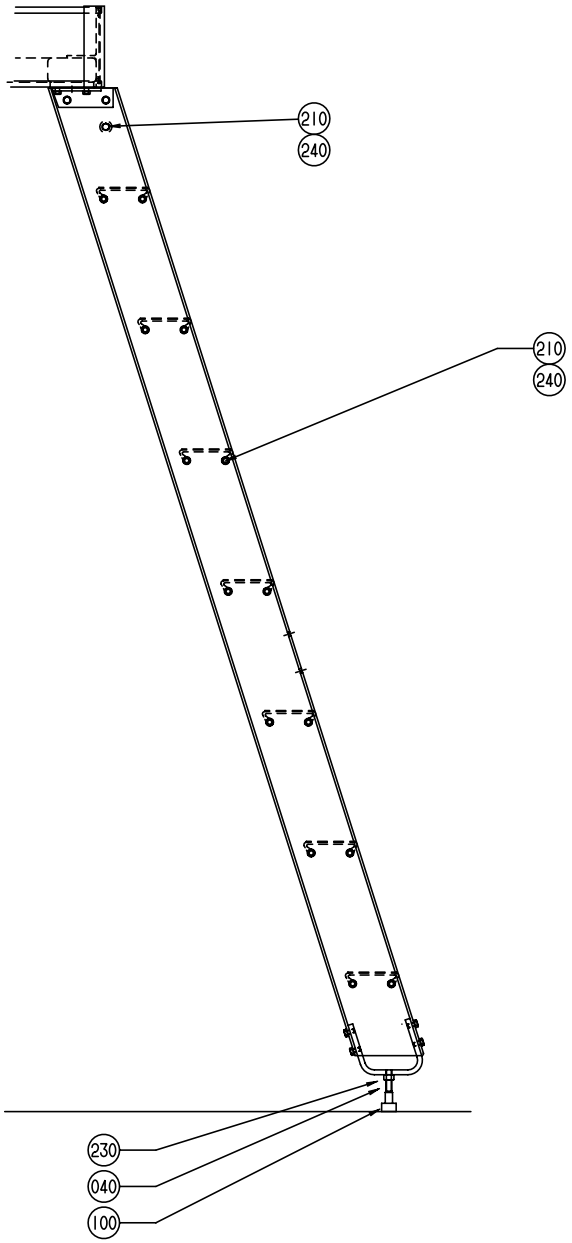


Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	456260-0000	M		1	COVER	
020	456262-0000	-		1	SHEET	
030	441536-0000	M		1	GASKET	
100	90099-0087	-		1	NUT PR=20,4	
110	90164-0301	M		1	HOLDING FIXTURE	
120	90195-0020	-		1	TERMINAL BK2 KRG 2-POLE	
130	90297-0007	J		1	FLUORESCENT TUBE 11W	
300	312125-0220	-		2	SLOTTED HEMCS3X6RFR	
310	312125-0230	-		1	SLOTTED CHEESE HEAD ISO 1207 M3X20 RFR	
320	312125-0327	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X12 RFR	
330	312132-0284	-		1	SLOTTED PAN HEAD ISO 1580 M4X5 MSGFN	
360	312705-0314	-		8	NUT,DOMED CAP,HEXAGON,M5	
370	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
400	352103-0108	-		1	CABLE GLAND ST 13	
410	353101-0129	-		1	CABLE SHOE	

Pos	Part No	SP	UN	Qty	Description	Page No

LADDER





S-572306-3
ECN 70374

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	979947-0000	-		1	SIDE PIECE	
020	979948-0000	-		1	SIDE PIECE	
030	441679-0000	-		8	STAIR	
040	B 441905-0000	-		2	RETARD PIN	
050	979966-0000	-		2	BRACKET	
060	979950-0000	-		1	FASTENING BRACKET	
065	979949-0000	-		1	FASTENING BRACKET	
100	90347-0004	-		2	VIBRATION DAMPER D=30 Th=M8 H=17 H2=21mm	
200	312105-0449	-		16	SCREW M6S ISO 4017 M8x16 A280	
230	312605-0322	-		2	NUT,HEXAGON,M12 RFR	
250	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
PT19						
210	312105-0451	-		36	SCREW M6S ISO 4017 8x20 A280	
240	315105-0165	-		41	WASHER,PLAIN ROUND 8,4x16 Stainless	
NOPT						
070	978878-0000	-		1	SHAFT	
110	90347-0005	-		1	VIBRATION DAMPER	
120	312125-0291	-		1	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
210	312105-0451	-		37	SCREW M6S ISO 4017 8x20 A280	
240	315105-0165	-		42	WASHER,PLAIN ROUND 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

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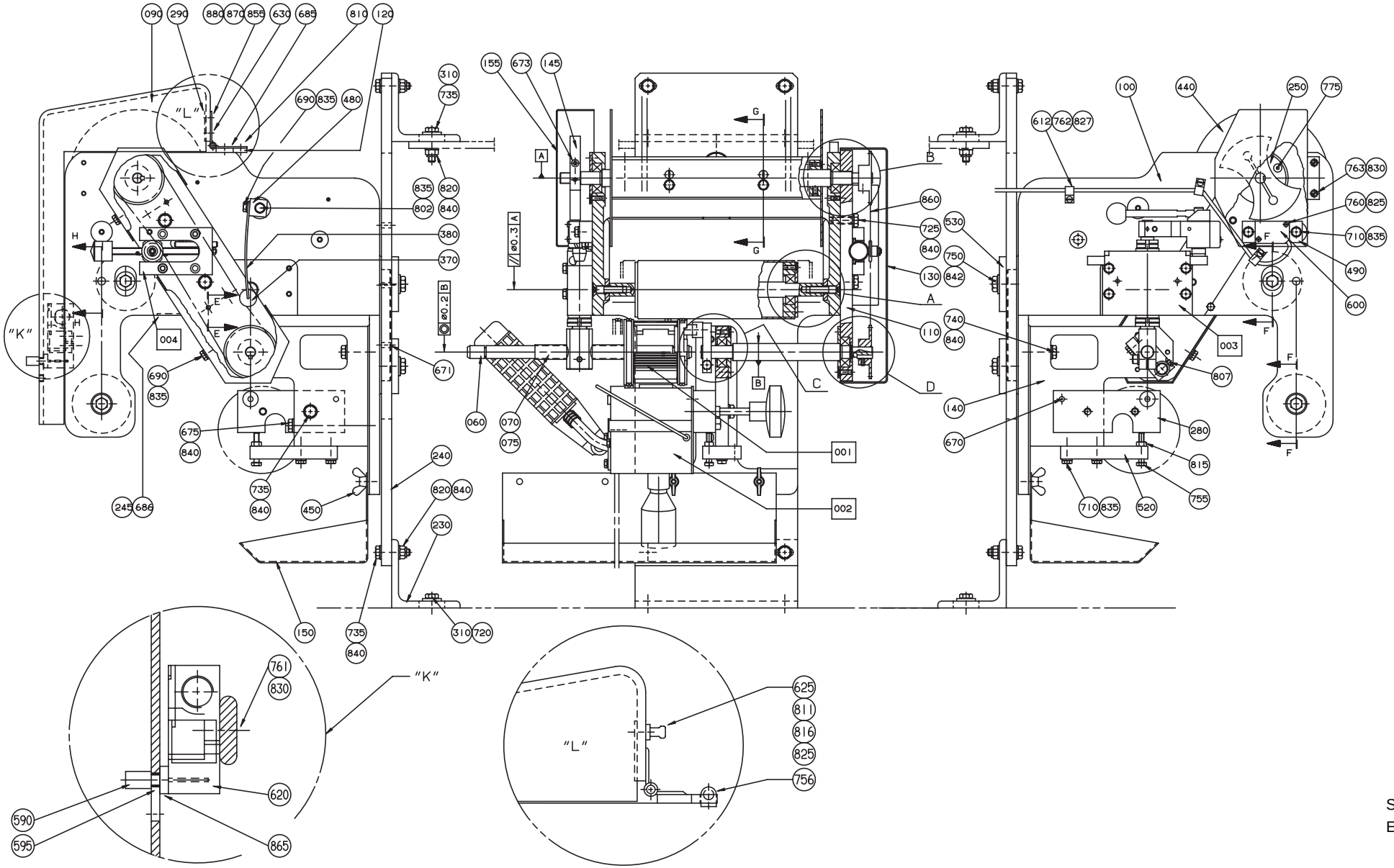
Pos	Part No	SP	UN	Qty	Description	Page No
NOPT TBA 0180B or NOPT TBA 0200B or NOPT TBA 0250B or NOPT TBA 0284B or NOPT TBA 0300S or NOPT TBA 0330S						
F030	A 752645-0300	-		1	DATING UNIT TBA/19 ST-R	**224**
NOPT TBA 0100B or NOPT TBA 0125S or NOPT TBA 0160S or NOPT TBA 0200S or NOPT TBA 0236B or NOPT TBA 0250S or PT19 TBA 0100B or PT19 TBA 0125S or PT19 TBA 0160S or PT19 TBA 0180B or PT19 TBA 0200B or PT19 TBA 0200S or PT19 TBA 0236B or PT19 TBA 0250B or PT19 TBA 0250S or PT19 TBA 0284B or PT19 TBA 0300S or PT19 TBA 0330S						
F040	A 752646-0300	-		1	DATING UNIT TBA/19 ST-ER	**232**

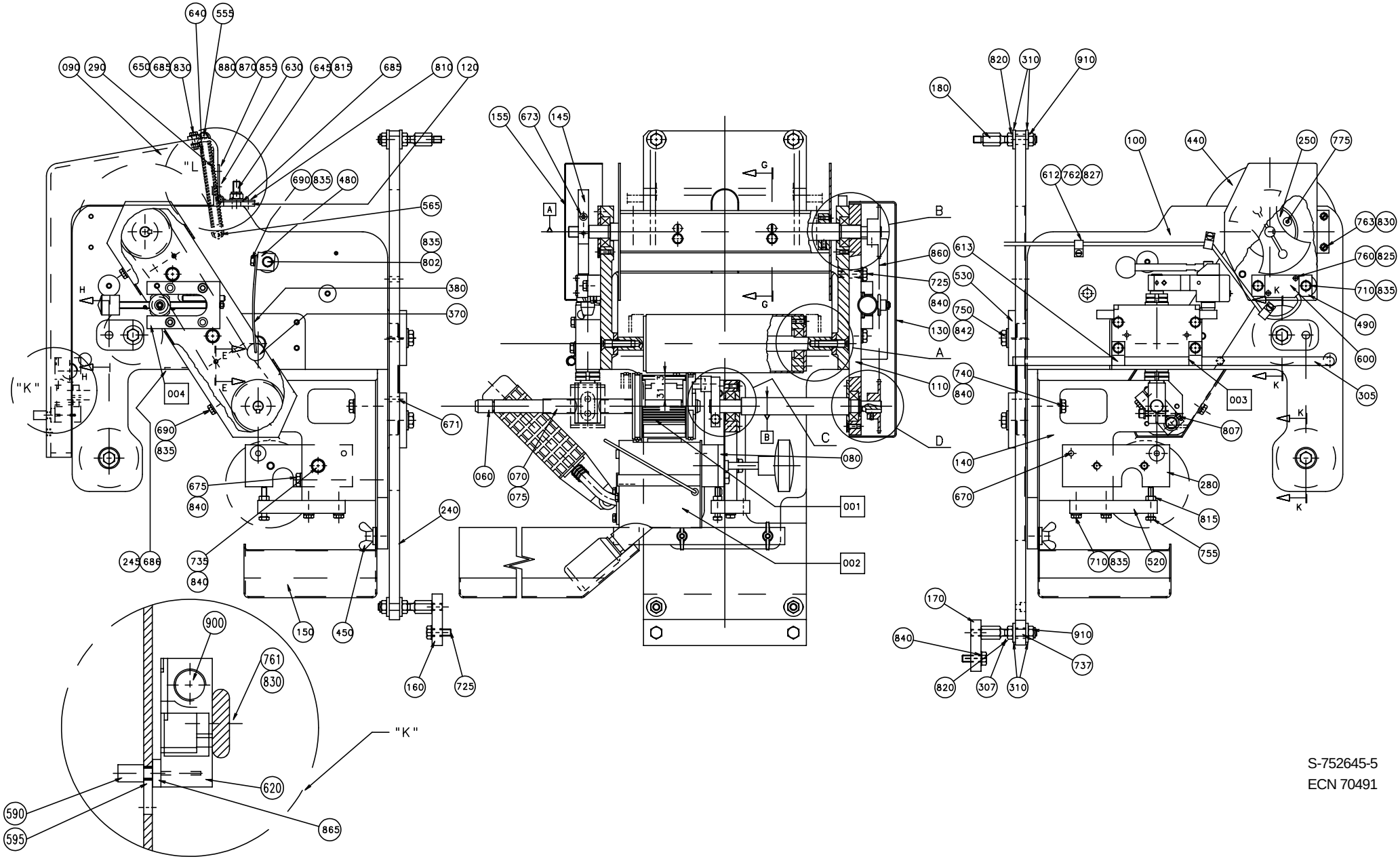
Pos	Part No	SP	UN	Qty	Description	Page No

DATING UNIT TBA/19 ST-R



S-752645-3
ECN 20097

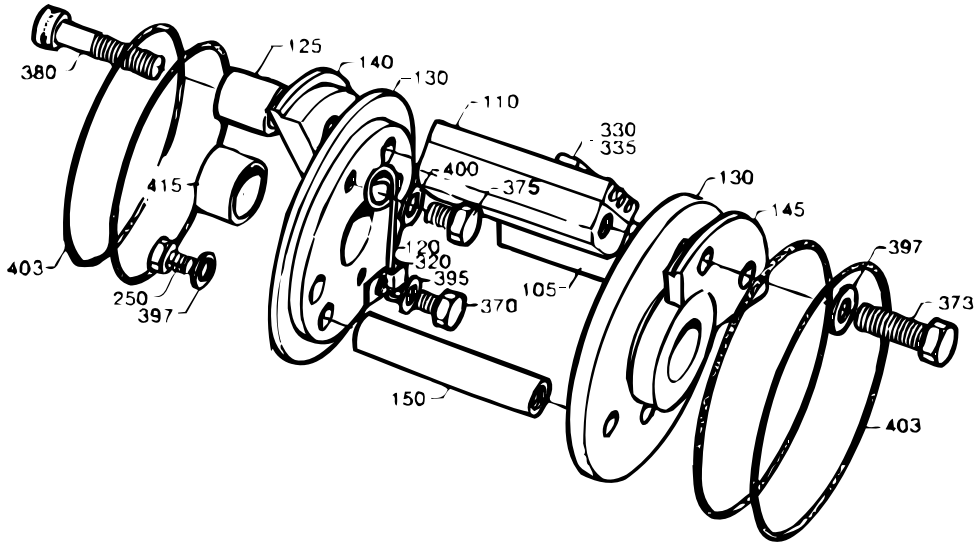
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F001	A 293685-0200	D		2	PRINTING WHEEL SS	**228**
F002	A 458192-0300	-		1	INK UNIT SS	**230**
F003	A 751718-0100	-		1	HOLDER	**242**
F004	A 543143-0100	-		1	ADJUSTMENT DEVICE	**244**
090	979790-0000	-		1	COVER	
100	752200-0000	-		1	CANTILEVER	
110	752526-0000	-		1	PLATE	
120	572252-0000	-		1	BRACKET	
130	752528-0000	-		1	COVER	
140	752527-0000	-		1	CANTILEVER	
145	491965-0000	-		1	CAM	
150	979543-0000	-		1	SPLASH PLATE	
155	556422-0000	-		1	PROTECTION	
160	752529-0000	D		1	BEARING COVER	
170	578000-0000	-		1	BRACKET	
180	578001-0000	-		2	SCREW	
240	752539-0000	-		1	PLATE	
245	572460-0000	-		1	SHEET	
250	752240-0000	-		1	LID	
270	752538-0000	-		2	SHAFT	
280	752642-0000	D		1	BRACKET	
290	572253-0000	-		1	SHEET	
300	752535-0000	D		1	SHAFT	
305	979701-0000	-		1	CABLE CONDUIT	
306	979709-0000	D		2	BENDING ROLLER	
307	1260476-0000	-		4	SCREW	
310	28036-0000	D		12	WASHER	
320	2033-0011	D		20	WASHER	
330	265568-0000	K		4	DUST COVER	
340	32925-0000	D		1	CARRIER	
350	32926-0000	D		1	ROLL	
360	32927-0000	D		1	SHAFT	
370	33182-0000	K		1	ROLL	
380	752237-0000	K		1	SPRING	
410	256248-0001	D		2	LID	
420	256398-0000	D		1	LID	
430	752530-0000	D		2	SPROCKET	
440	256406-0000	-		2	GABLE PLATE	
450	752644-0000	-		2	SCREW	
460	256409-0000	D		6	WASHER	
470	257141-0000	-		2	RETAINING RING	
480	752531-0000	-		1	BRACKET	
490	752534-0000	-		1	PLATE	
520	752541-0000	D		1	CANTILEVER	
530	253107-0000	D		2	WASHER	
540	752544-0001	J		6	SHIM	
550	752544-0002	J		8	SHIM	
555	979788-0000	-		1	SPRING HOLDER	
560	456817-0001	J		16	SHIM	
565	979789-0000	-		1	SPRING HOLDER	
590	572254-0000	-		1	HANDLE	
595	572255-0000	-		2	SPACER	
600	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
612	90165-0056	-		6	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 4mm	
613	90165-0008	-		2	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 10	
615	90214-0098	F		10	BALL BEARING,STAINLESS	
620	B 90044-0103	R		1	KEY SAFETY SWITCH AZ 15 ZVR	
630	90248-0026	-		2	HINGE	
640	90335-0041	M		1	SPRING	
645	312318-0372	-		1	SET SCREW CUP POINT ISO 4029 M6x25 RFR	
650	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
655	311103-0312	-		2	PINS,STRAIGHT 5X25	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
671	311103-0353	-		2	PIN,STRAIGHT 6x20	
673	312115-0333	-		2	SCREW MC6S ISO 4762 M5X25 A280	
675	312111-0471	-		1	SCREW MC6S8X100FZB	
685	312105-0329	-		4	SCREW M6S ISO 4017 M5x16 A280	
686	312105-0331	-		4	SCREW M6S ISO 4017 M5X20 A280	
690	312105-0364	-		3	SCREW M6S 6x10 A280	
700	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
705	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
710	312105-0372	-		5	SCREW M6S ISO 4017 M6X25 A280	
725	312105-0453	-		2	SCREW M6S ISO 4017 M8x25 A280	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
737	312115-0329	-		2	SCREW MC6S ISO 4762 M5x16 A280	
740	312105-0459	-		5	SCREW ISO 4017 M8x40 A280	
750	312105-0493	-		2	SCREW M6S ISO 4017 M10X25 A280	
755	312109-0376	-		1	SCREW M6S ISO 4017 M6X35 A280	
760	312125-0230	-		2	SLOTTED CHEESE HEAD ISO 1207 M3X20 RFR	
761	312125-0329	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X16 RFR	
762	312125-0289	-		6	SLOTTED HEMCS4X10RFR	
763	312125-0325	-		2	SLOTTED HEMCS5X10RFR	
765	312125-0366	-		4	SLOTTED CHEESE HEAD ISO 1207 M6X12 RFR	
770	312155-0291	-		6	SCREW MF6S DIN 7991 M4x12 A480	
775	312155-0327	-		15	SCREW MF6S DIN 7991 M5x12 A280	



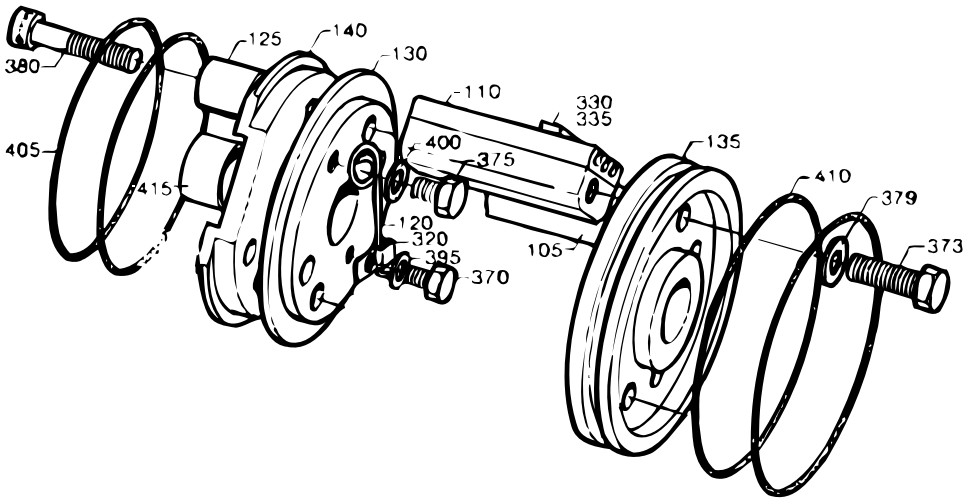
S-752645-5
ECN 70491

Pos	Part No	SP	UN	Qty	Description	Page No
800	312155-0457	-		2	SCREW MF6S DIN 7991 M8X35 A280	
802	312105-0382	-		1	SCREW M6S ISO 4014 M6x60 A280	
805	312318-0287	-		2	SET SCREW CUP POINT ISO 4029 M4X8 RFR	
807	312318-0362	-		3	SET SCREW CUP POINT ISO 4029 M6x8 RFR	
810	312145-0285	-		6	SLOTTED HEMFS4X6RFR	
815	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
820	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
825	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
827	315105-0136	-		7	WASHER,PLAIN ROUND 4,3x8 Stainless	
830	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
835	315105-0153	-		13	WASHER,PLAIN ROUND 6,4x12 Stainless	
840	315105-0165	-		5	WASHER,PLAIN ROUND 8,4x16 Stainless	
842	315105-0173	-		2	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
845	315701-0169	-		2	FLAT WEDGE4X4X18	
850	315751-0112	-		1	RETAINING RINGS FOR SHAFT 15	
855	312145-0293	-		6	SLOTTED HEMFS4X16RFR	
860	318207-0168	J		1	ROLLER CHAIN SINGLE 6MM-168	
865	312155-0329	-		4	SCREW MF6S DIN 7991 M5x16 A280	
870	312812-0312	-		6	LOCK-NUT,HEXAGON,WITH NYLONINSERT,M4	
880	315101-0136	-		6	WASHER BRB 4,3x8 FZB	
900	352101-0103	-		1	LEAD IN PR 18,6	
910	312812-0318	-		6	LOCK-NUT,HEXAGON,WITH NYLON,M8	
TBA 0180B						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0006	D		2	SPACER	
060	256400-0000	R		1	SHAFT	
070	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	
TBA 0200B						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0004	D		2	SPACER	
060	256400-0000	R		1	SHAFT	
070	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	
TBA 0250B						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0002	D		2	SPACER	
060	256400-0000	R		1	SHAFT	
065	299643-0000	-		2	WASHER	
070	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	
TBA 0284B or TBA 0300S or TBA 0330S						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0001	D		2	SPACER	
060	256400-0000	R		1	SHAFT	
070	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	-	MM	24	HOSE PVC 12/16mm TRANSP.	

375ml

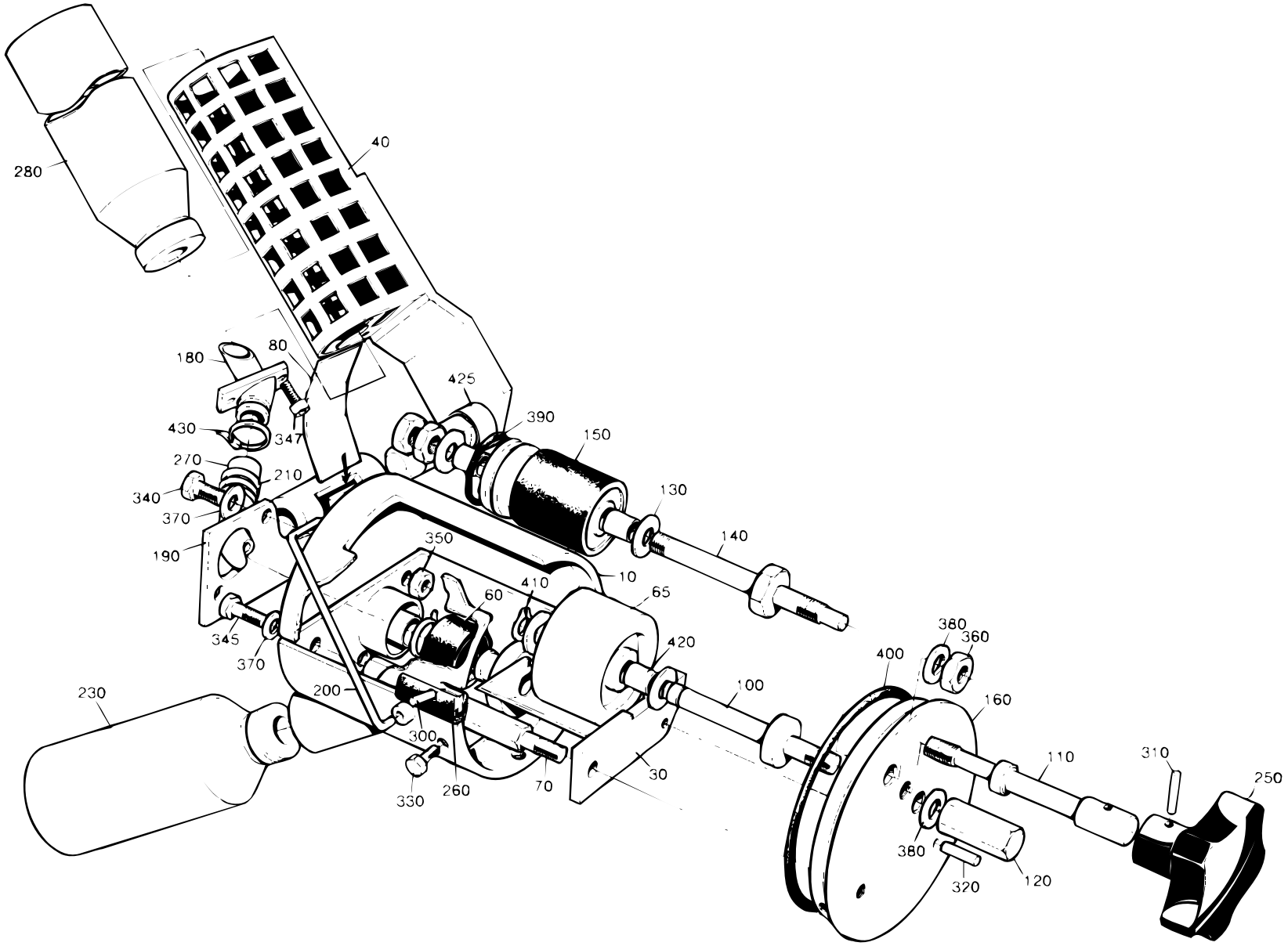


180ml–300ml



Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
120	32691-0000	J		1	LOCKING SPRING	
125	33011-0000	K		1	SLEEVE	
320	90165-0010	-		1	CLIP	
330	90413-0033	J		1	CODE INSERT SET 0-9	
330	90413-0043	J		1	CODE INSERT SET	
335	90413-0044	J		1	CODE INSERT SET	
335	90413-0047	J		1	CODE INSERT SET	
370	312101-0287	-		1	SCREW M6S4X8FZB	
375	312101-0364	-		1	SCREW M6S 6x10-8,8 FZB	
380	312111-0335	-		1	SCREW MC6S5X30FZB	
395	315101-0136	-		1	WASHER BRB 4,3x8 FZB	
400	315111-0153	-		1	WASHER TBRB6,4X12FZB	
415	321120-0122	K		2	BEARING BUSHING WITHOUT FLANGE,15/17X15	
0100B or 0125S or 0180B or 0189B or 0200B or 0236B or 0250B or 0284B or 0300B or 0300S or 0330S						
105-02	293395-0002	M		2	TYPE HOLDER	
110-02	293395-0001	M		2	TYPE HOLDER	
130	292412-0000	R		1	END SECTION	
135	292413-0000	R		1	END SECTION	
140	292414-0000	R		1	CARRIER	
373-02	312101-0331	-		7	SCREW M6S5X20FZB	
397-02	315101-0146	-		7	WASHER BRB 5,3x10 FZB	
405	315202-0304	G		2	O-RINGS 64,5X3	
410	315202-0305	G		2	O-RINGS 69,5X3	
0375S						
105	293395-0002	M		1	TYPE HOLDER	
110	293395-0001	M		1	TYPE HOLDER	
130	479236-0000	R		2	END SECTION	
140	479239-0000	R		1	CARRIER	
145	479240-0000	R		1	CARRIER	
150	293671-0000	R		1	SPACER	
250	312101-0329	-		2	SCREW M6S5X16FZB	
373	312101-0331	-		3	SCREW M6S5X20FZB	
397	315101-0146	-		5	WASHER BRB 5,3x10 FZB	
403	315202-0224	G		4	O-RING 42,2x3	

Pos	Part No	SP	UN	Qty	Description	Page No

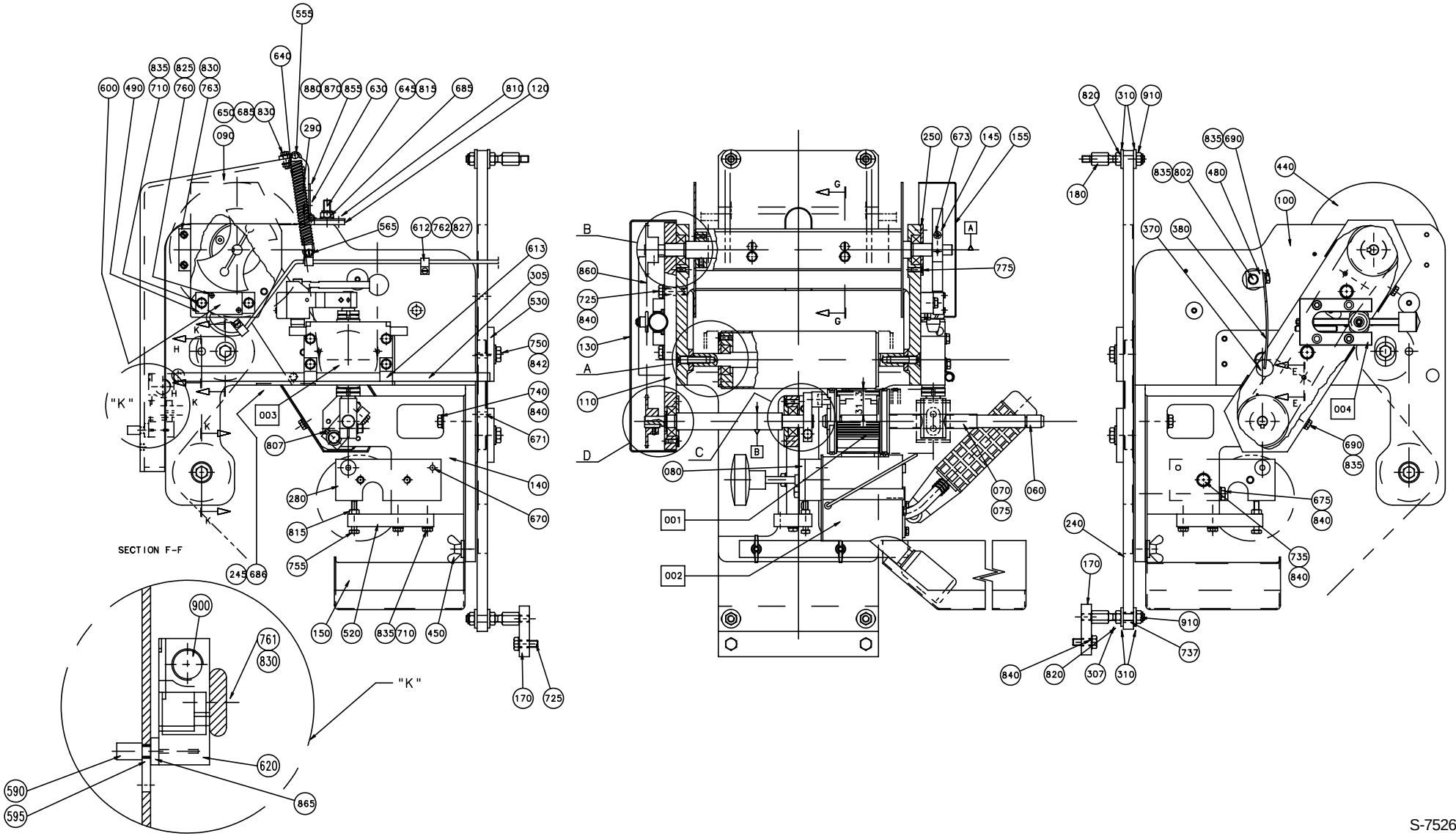


S-458192-3
ECN 10575

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	458364-0000	D		1	COVER	
030	297210-0000	D		1	INK WELL	
040	476356-0000	D		1	HOLDER FOR INK BOTTLE	
060	445542-0000	R		1	MANTEL RUBBER	
065	450355-0000	R		1	INK ROLLER	
070	33010-0000	D		1	SCREW	
080	35547-0000	D		1	SPRING	
100	292044-0000	R		1	SHAFT	
110	293667-0000	R		1	DOWEL	
120	436927-0000	D		1	NUT	
130	293669-0001	R		4	WASHER	
130	293669-0002	R		2	WASHER	
130	293669-0003	R		2	WASHER	
130	293669-0004	R		2	WASHER	
140	293670-0000	M		1	SHAFT	
150	B 543135-0000	J		1	INK TRANSFER ROLLER	
160	297213-0000	D		1	END SECTION	
180	476355-0000	D		1	CANNULAR TUBE	
190	456772-0000	D		1	PIVOT BRACKET	
200	434747-0000	R		1	BOW CLAMP	
210	537308-0000	D		1	SPRING	
250	90051-0077	-		1	HANDLE	
260	90143-0029	-	MM	295	STRIP	
270	90166-0138	-	MM	100	HOSE	
280	90299-0072	F		48	INK	
300	311103-0236	-		2	PIN,STRAIGHT 3x16	
310	311103-0238	-		1	PIN,STRAIGHT 3x20	
320	311103-0270	-		1	PIN,STRAIGHT M6 4x16	
330	312105-0291	-		3	SCREW M6S ISO 4017 M4X12 A280	
340	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A280	
345	312105-0329	-		1	SCREW M6S ISO 4017 M5x16 A280	
347	312115-0287	-		2	SCREW MC6S ISO 4762 M4X8 A280	
350	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
360	312605-0318	-		3	NUT,HEXAGON,M8 RFR	
370	315105-0146	-		3	WASHER,PLAIN ROUND 5,3x10 Stainless	
380	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
390	315202-0218	J		1	O-RING 26,2x3	
400	315202-0309	J		1	O-RINGS 89,5X3	
410	315750-0105	-		1	CIRCLIP SGA8	
420	321120-0100	K		2	BEARING BUSHING WITHOUT FLANGE,8/10x12	
425	321120-0109	K		2	BEARING BUSHING WITHOUT FLANGE,12/14X10	
430	352113-0101	-		1	CLIP STRIP BLACK 92x2,5mm	

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/19						
230	90050-0012	J		1	BOTTLE	

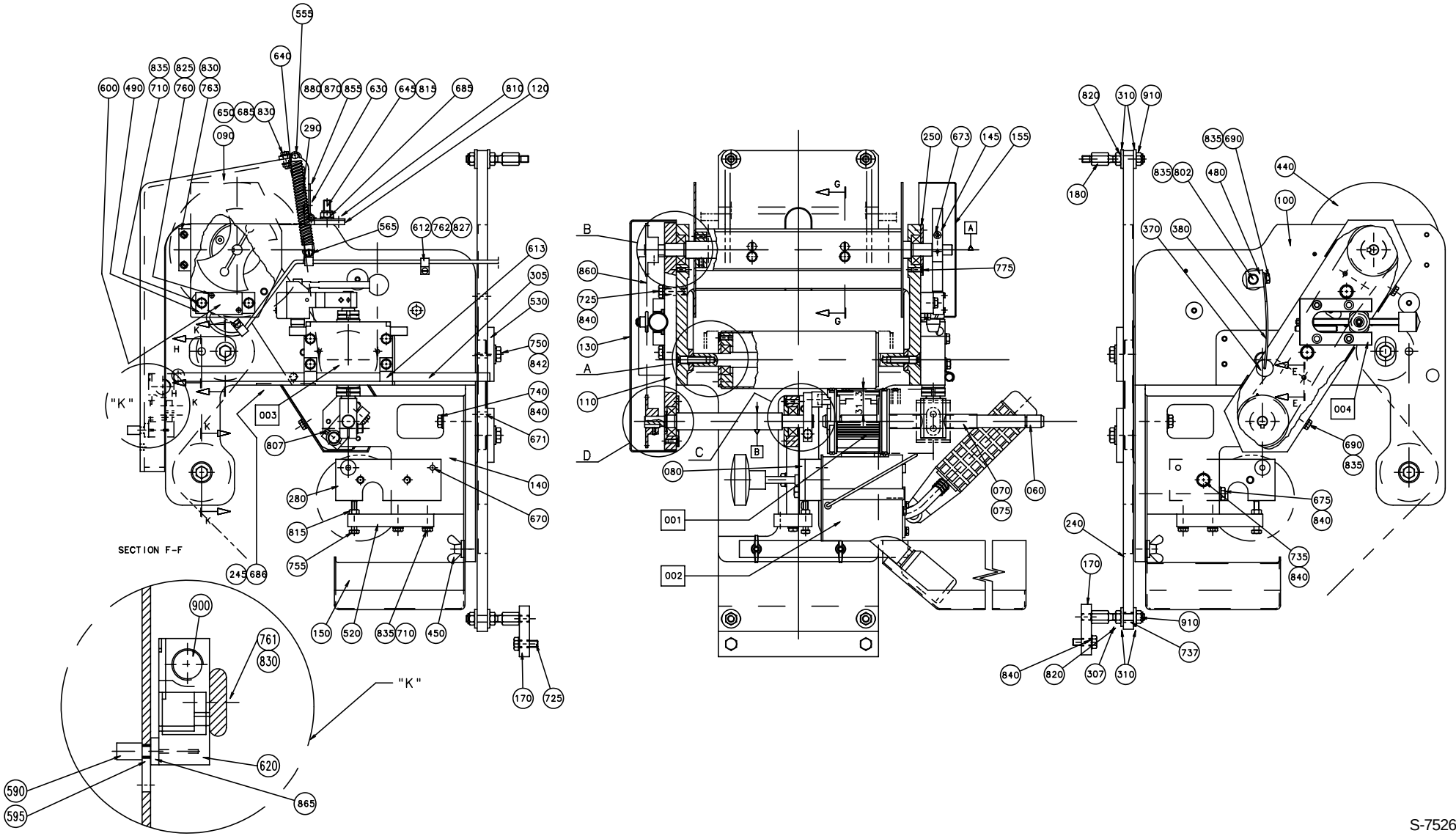
DATING UNIT TBA/19 ST-ER



S-752646-5
ECN 70491

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F001	A 293684-0200	-		2	PRINTING WHEEL NSS	**238**
F002	A 440286-0300	-		1	INK UNIT NSS	**240**
F003	A 751718-0100	-		1	HOLDER	**242**
F004	A 543143-0100	-		1	ADJUSTMENT DEVICE	**244**
090	979790-0000	-		1	COVER	
100	752200-0000	-		1	CANTILEVER	
110	752526-0000	-		1	PLATE	
120	572252-0000	-		1	BRACKET	
130	752528-0000	-		1	COVER	
140	752527-0000	-		1	CANTILEVER	
145	491965-0000	-		1	CAM	
150	979544-0000	-		1	SPLASH PLATE	
155	556422-0000	-		1	PROTECTION	
160	752529-0000	D		1	BEARING COVER	
170	578000-0000	-		1	BRACKET	
180	578001-0000	K		2	SCREW	
240	752539-0000	-		1	PLATE	
245	572460-0000	-		1	SHEET	
250	752240-0000	-		1	LID	
270	752538-0000	D		2	SHAFT	
280	752642-0000	-		1	BRACKET	
290	572253-0000	-		1	SHEET	
300	752535-0000	D		1	SHAFT	
305	979701-0000	-		1	CABLE CONDUIT	
306	979709-0000	D		2	BENDING ROLLER	
307	1260476-0000	-		4	SCREW	
310	28036-0000	-		12	WASHER	
320	2033-0011	D		20	WASHER	
330	265568-0000	K		4	DUST COVER	
340	32925-0000	D		1	CARRIER	
350	32926-0000	D		1	ROLL	
360	32927-0000	D		1	SHAFT	
370	33182-0000	K		1	ROLL	
380	752237-0000	K		1	SPRING	
410	256248-0001	D		2	LID	
420	256398-0000	D		1	LID	
430	752530-0000	K		2	SPROCKET	
440	256406-0000	-		2	GABLE PLATE	
450	752644-0000	-		2	SCREW	
460	256409-0000	-		6	WASHER	
470	257141-0000	-		2	RETAINING RING	
480	752531-0000	-		1	BRACKET	
490	752534-0000	-		1	PLATE	
530	253107-0000	D		2	WASHER	
540	752544-0001	D		6	SHIM	
550	752544-0002	D		8	SHIM	
555	979789-0000	-		1	SPRING HOLDER	
560	456817-0001	K		16	SHIM	
565	979788-0000	-		1	SPRING HOLDER	
590	572254-0000	-		1	HANDLE	
595	572255-0000	-		2	SPACER	
600	90044-0104	F		1	PROX.SWITCH IFM IN 3002	
612	90165-0056	-		6	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 4mm	
613	90165-0008	-		2	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 10	
615	90214-0098	F		10	BALL BEARING,STAINLESS	
620	B 90044-0103	-		1	KEY SAFETY SWITCH AZ 15 ZVR	
630	90248-0026	-		2	HINGE	
640	90335-0041	-		1	SPRING	
645	312318-0372	-		1	SET SCREW CUP POINT ISO 4029 M6x25 RFR	
650	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
655	311103-0312	-		2	PINS,STRAIGHT 5X25	
671	311103-0353	-		2	PIN,STRAIGHT 6x20	
673	312115-0333	-		2	SCREW MC6S ISO 4762 M5X25 A280	
675	312111-0471	-		1	SCREW MC6S8X100FZB	
685	312105-0329	-		4	SCREW M6S ISO 4017 M5x16 A280	
686	312105-0331	-		4	SCREW M6S ISO 4017 M5X20 A280	
690	312105-0364	-		3	SCREW M6S 6x10 A280	
700	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
705	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
710	312105-0372	-		5	SCREW M6S ISO 4017 M6X25 A280	
725	312105-0453	-		2	SCREW M6S ISO 4017 M8x25 A280	
737	312115-0329	-		2	SCREW MC6S ISO 4762 M5x16 A280	
740	312105-0459	-		5	SCREW ISO 4017 M8x40 A280	
750	312105-0493	-		2	SCREW M6S ISO 4017 M10X25 A280	
755	312109-0376	-		1	SCREW M6S ISO 4017 M6X35 A280	
760	312125-0230	-		2	SLOTTED CHEESE HEAD ISO 1207 M3X20 RFR	
761	312125-0329	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X16 RFR	
762	312125-0289	-		6	SLOTTED HEMCS4X10RFR	
763	312125-0325	-		2	SLOTTED HEMCS5X10RFR	
765	312125-0366	-		4	SLOTTED CHEESE HEAD ISO 1207 M6X12 RFR	
770	312155-0291	-		6	SCREW MF6S DIN 7991 M4x12 A480	
775	312155-0327	-		15	SCREW MF6S DIN 7991 M5x12 A280	
800	312155-0457	-		2	SCREW MF6S DIN 7991 M8X35 A280	
802	312105-0382	-		1	SCREW M6S ISO 4014 M6x60 A280	
805	312318-0287	-		2	SET SCREW CUP POINT ISO 4029 M4X8 RFR	

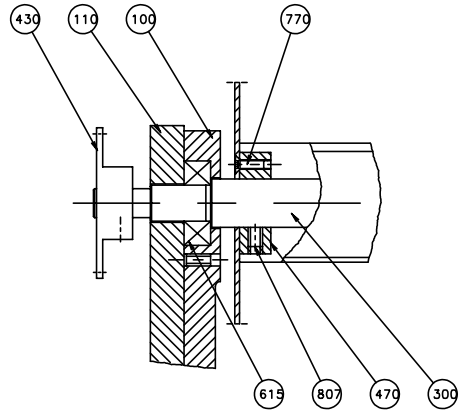
DATING UNIT TBA/19 ST-ER



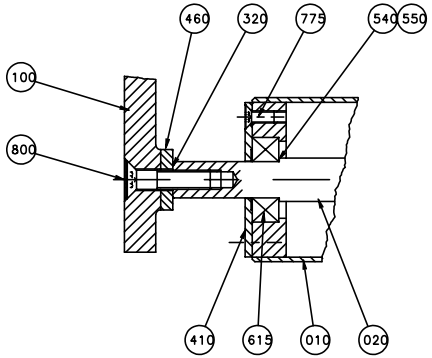
S-752646-5
ECN 70491

Pos	Part No	SP	UN	Qty	Description	Page No
807	312318-0362	-		3	SET SCREW CUP POINT ISO 4029 M6x8 RFR	
810	312145-0285	-		6	SLOTTED HEMFS4X6RFR	
815	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
820	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
825	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
827	315105-0136	-		7	WASHER,PLAIN ROUND 4,3x8 Stainless	
830	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
835	315105-0153	-		14	WASHER,PLAIN ROUND 6,4x12 Stainless	
840	315105-0165	-		5	WASHER,PLAIN ROUND 8,4x16 Stainless	
842	315105-0173	-		2	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
845	315701-0169	K		2	FLAT WEDGE4X4X18	
850	315751-0112	F		1	RETAINING RINGS FOR SHAFT 15	
855	312145-0293	-		6	SLOTTED HEMFS4X16RFR	
860	318207-0168	K		1	ROLLER CHAIN SINGLE 6MM-168	
865	312155-0329	-		2	SCREW MF6S DIN 7991 M5x16 A280	
870	312812-0312	-		6	LOCK-NUT,HEXAGON,WITH NYLONINSERT,M4	
880	315101-0136	-		6	WASHER BRB 4,3x8 FZB	
900	352101-0103	-		1	LEAD IN PR 18,6	
910	312812-0318	-		4	LOCK-NUT,HEXAGON,WITH NYLON,M8	
TBA 0100B						
010	752542-0002	D		1	BENDING ROLLER	
020	752543-0002	D		1	SHAFT	
030	456327-0000	D		2	CREASE BAR	
040	752536-0002	D		1	SHAFT	
050	979769-0000	D		2	SPACER	
060	456334-0000	D		1	SHAFT	
070	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0125S						
010	752542-0002	D		1	BENDING ROLLER	
020	752543-0002	D		1	SHAFT	
030	456327-0000	D		2	CREASE BAR	
040	752536-0002	D		1	SHAFT	
050	441556-0007	D		2	SPACER	
060	456334-0000	D		1	SHAFT	
070	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	

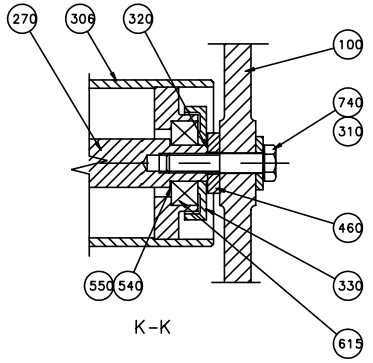
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0160S						
010	752542-0002	D		1	BENDING ROLLER	
020	752543-0002	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
040	752536-0002	D		1	SHAFT	
050	441556-0011	D		2	SPACER	
060	456334-0000	D		1	SHAFT	
070	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0200S						
010	752542-0002	D		1	BENDING ROLLER	
020	752543-0002	D		1	SHAFT	
030	441554-0000	D		2	CREASE BAR	
040	752536-0002	D		1	SHAFT	
050	441556-0009	D		2	SPACER	
060	456334-0000	D		1	SHAFT	
070	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	37	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0250S						
010	752542-0003	D		1	BENDING ROLLER	
020	752543-0003	D		1	SHAFT	
030	441554-0000	D		2	CREASE BAR	
040	752536-0003	D		1	SHAFT	
050	441556-0010	D		2	SPACER	
060	574443-0000	-		1	SHAFT	
070	90166-0059	F	MM	30	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	30	HOSE PVC 12/16mm TRANSP.	
080	574444-0000	-		1	SPACER	
520	574445-0000	-		1	CANTILEVER	
670	311103-0361	-		1	PIN,STRAIGHT 6x40 Stainless	
736	312105-0460	-		1	SCREW ISO 4017 M8x45 A280	
TBA 0180B						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	



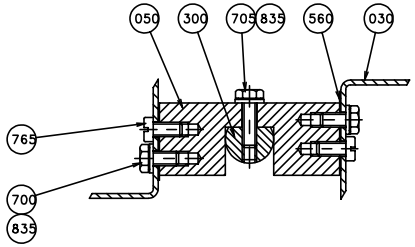
DET.B

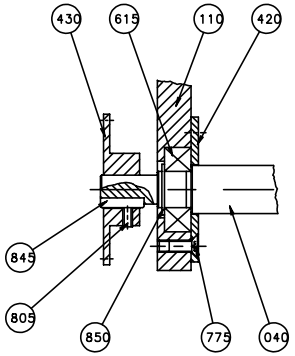


DET.A

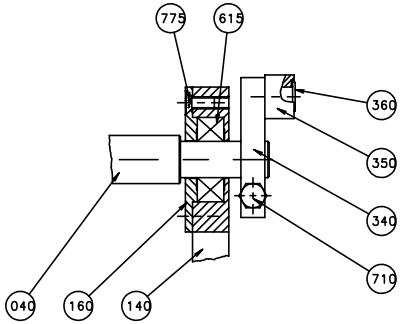


K-K





DET.D



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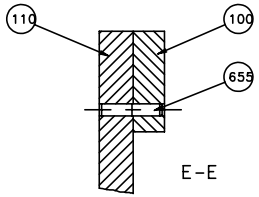
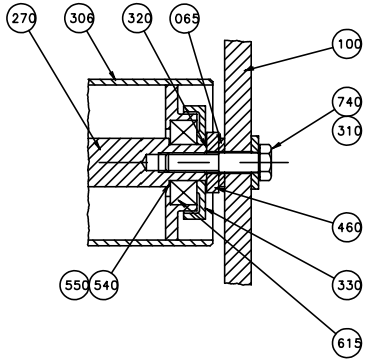


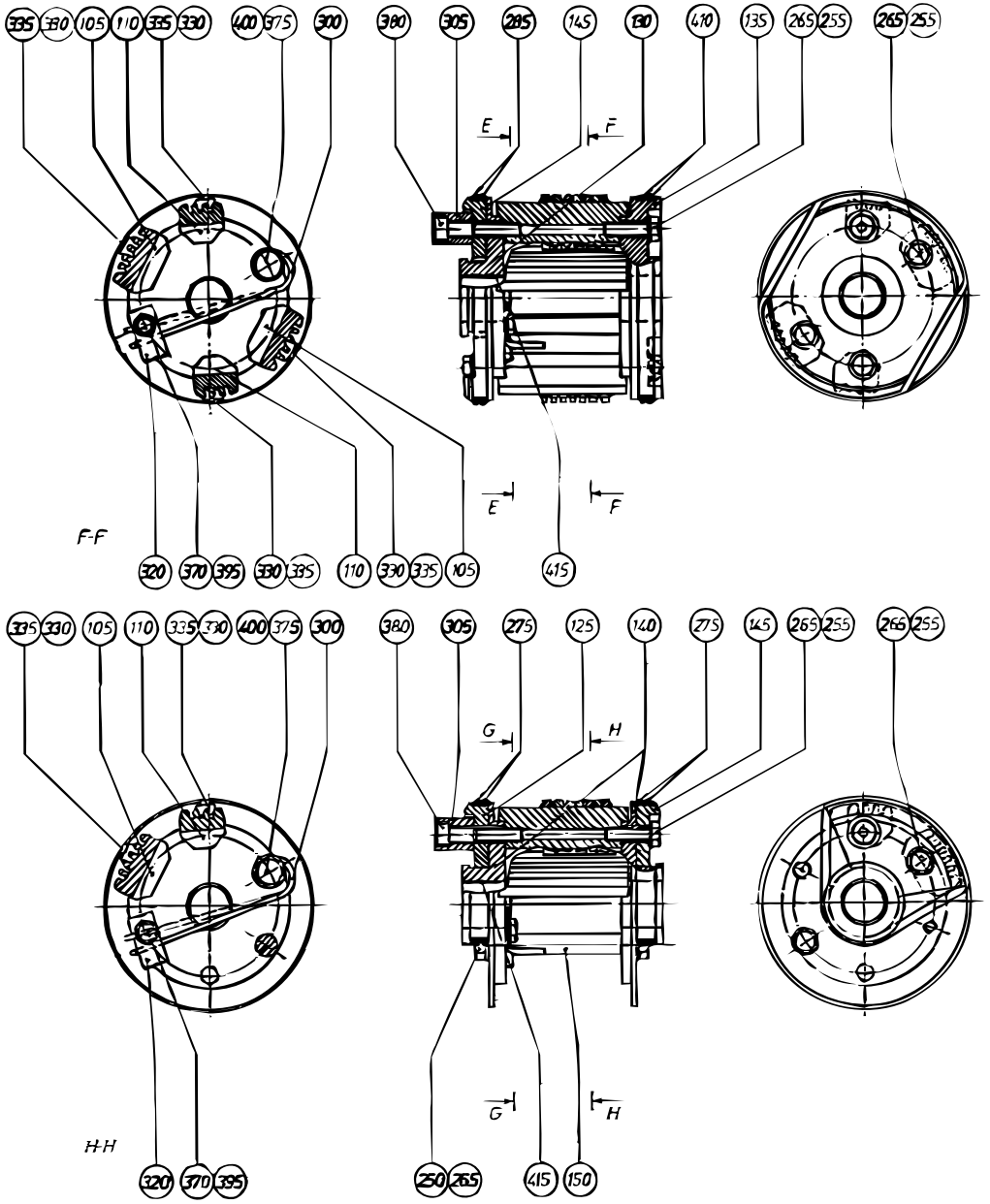
E-E



H-H
ONLY 250 ml

S-752646-2
ECN 70757

Pos	Part No	SP	UN	Qty	Description	Page No
040	752536-0001	D		1	SHAFT	
050	441556-0006	D		2	SPACER	
060	256400-0000	D		1	SHAFT	
070	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0200B						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0004	D		2	SPACER	
060	256400-0000	D		1	SHAFT	
070	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0236B						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0003	D		2	SPACER	
060	256400-0000	D		1	SHAFT	
070	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0250B						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0002	D		2	SPACER	
060	256400-0000	D		1	SHAFT	
065	299643-0000	-		2	WASHER	
070	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0284B or TBA 0300S						
010	752542-0001	D		1	BENDING ROLLER	
020	752543-0001	D		1	SHAFT	
030	456767-0000	D		2	CREASE BAR	
040	752536-0001	D		1	SHAFT	
050	441556-0001	D		2	SPACER	
060	256400-0000	D		1	SHAFT	
070	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0330S						
050	441556-0012	D		2	SPACER	
060	256400-0000	D		1	SHAFT	
070	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	24	HOSE PVC 12/16mm TRANSP.	
520	752541-0000	-		1	CANTILEVER	
670	311103-0357	-		1	PIN,STRAIGHT 6x30	
735	312105-0457	-		1	SCREW ISO 4017 M8x35 A280	
TBA 0200M						
010	752542-0003	D		1	BENDING ROLLER	
020	752543-0003	D		1	SHAFT	
030	441554-0000	D		2	CREASE BAR	
040	752536-0003	D		1	SHAFT	
050	441556-0002	D		2	SPACER	
060	574443-0000	-		1	SHAFT	
070	90166-0059	F	MM	30	HOSE PVC 12/16mm TRANSP.	
075	90166-0059	F	MM	30	HOSE PVC 12/16mm TRANSP.	
080	574444-0000	-		1	SPACER	
520	574445-0000	-		1	CANTILEVER	
670	311103-0361	-		1	PIN,STRAIGHT 6x40 Stainless	
736	312105-0460	-		1	SCREW ISO 4017 M8x45 A280	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380 305 285 145 150 410 135 265 255 265 255
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320 370 395 330 335 110 330 335 105 415
335 330 105 110 335 330 400 375 300
380 305 275 125 140 275 145 265 255 265 255
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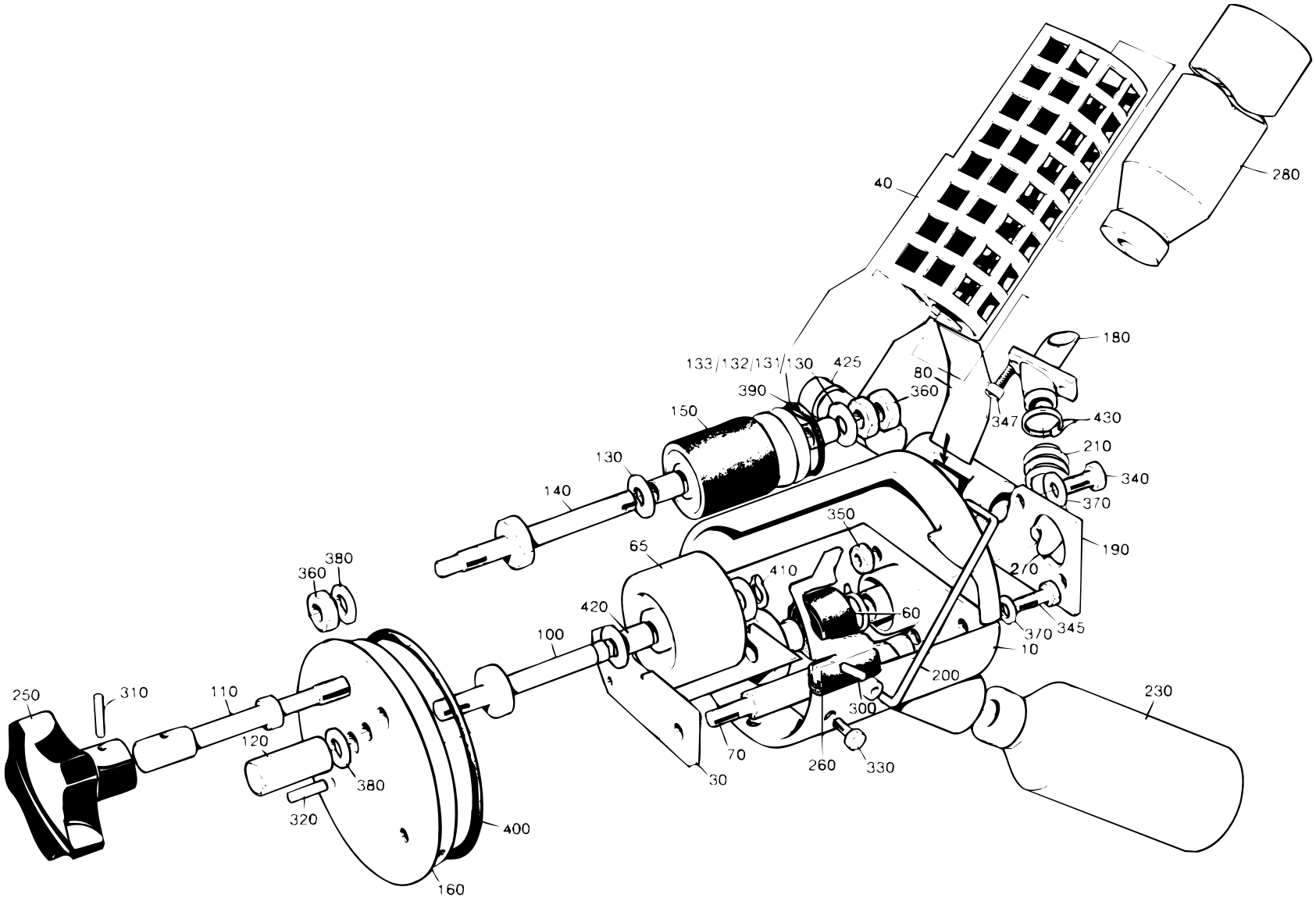
320 370 395
250 265 415 150

Pos	Part No	SP	UN	Qty	Description	Page No
TB 0180B or TB 0200B or TB 0200M or TB 0200S or TB 0236B or TB 0250B or TB 0250S or TB 0300B or TBA 0100B or TBA 0125S or TBA 0160S or TBA 0180B or TBA 0189B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
105	293395-0002	K		2	TYPE HOLDER	
110	293395-0001	K		2	TYPE HOLDER	
130	292412-0000	D		1	END SECTION	
135	292413-0000	D		1	END SECTION	
145	293659-0000	D		1	CARRIER	
255	312101-0331	-		7	SCREW M6S5X20FZB	
265	315101-0146	-		7	WASHER BRB 5,3x10 FZB	
285	315202-0304	F		2	O-RINGS 64,5X3	
410	315202-0305	F		2	O-RINGS 69,5X3	
Common parts						
300	32691-0000	J		1	LOCKING SPRING	
305	33011-0000	K		1	SLEEVE	
320	90165-0010	-		1	CLIP	
330	90413-0033	K		1	CODE INSERT SET 0-9	
330	90413-0043	K		1	CODE INSERT SET	
335	90413-0044	K		1	CODE INSERT SET	
335	90413-0047	K		1	CODE INSERT SET	
370	312101-0287	-		1	SCREW M6S4X8FZB	
375	312101-0364	-		1	SCREW M6S 6x10-8,8 FZB	
380	312111-0335	-		1	SCREW MC6S5X30FZB	
395	315101-0136	-		2	WASHER BRB 4,3x8 FZB	
400	315111-0153	-		1	WASHER TBRB6,4X12FZB	
415	321120-0122	K		2	BEARING BUSHING WITHOUT FLANGE,15/17X15	

Pos	Part No	SP	UN	Qty	Description	Page No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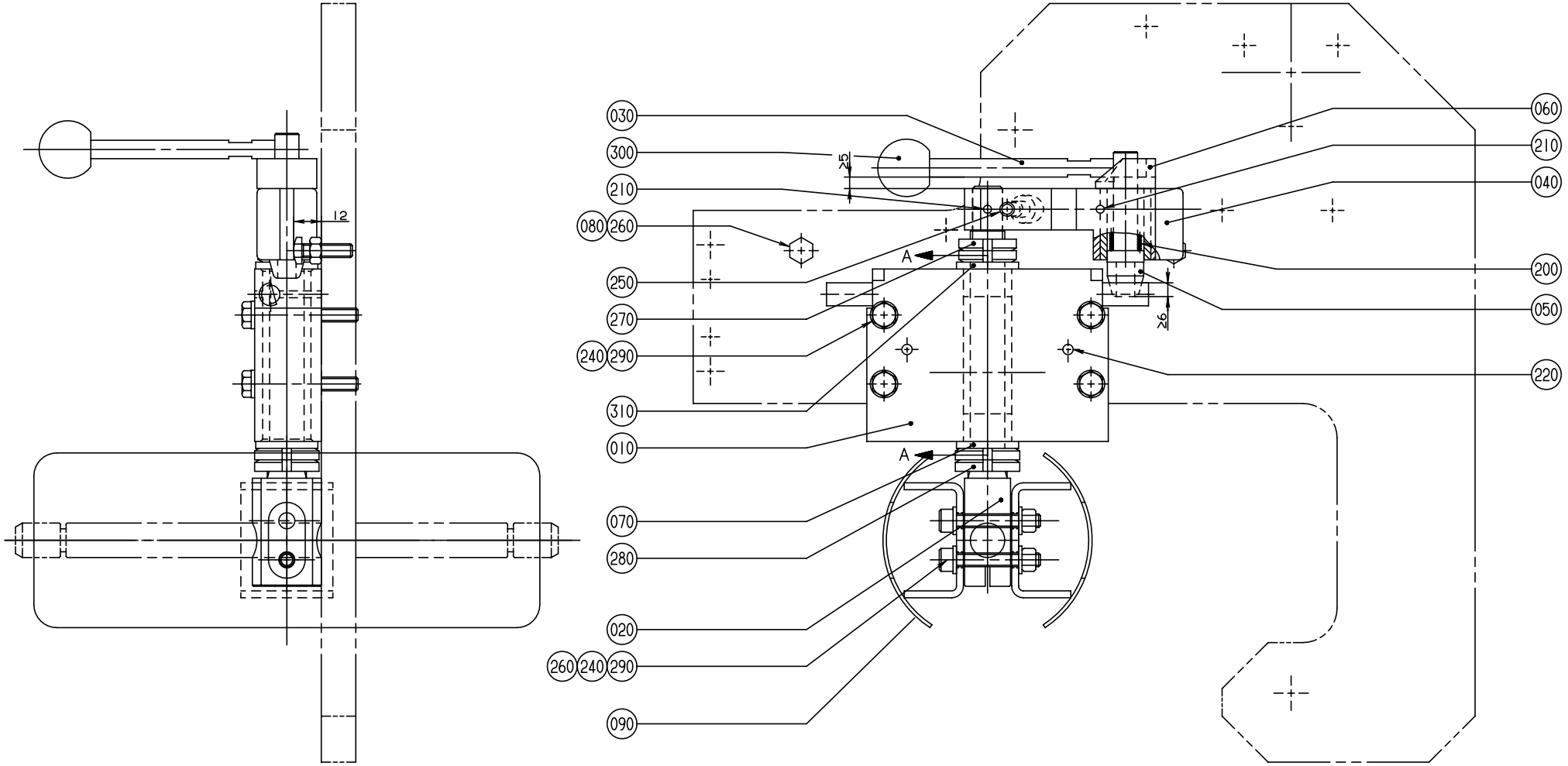
160

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	440287-0000	-		1	COVER	
030	297211-0000	D		1	INK WELL	
040	476356-0000	D		1	HOLDER FOR INK BOTTLE	
060	445542-0000	R		1	MANTEL RUBBER	
065	450355-0000	R		1	INK ROLLER	
070	33010-0000	D		1	SCREW	
080	35547-0000	D		1	SPRING	
100	292044-0000	R		1	SHAFT	
110	293667-0000	R		1	DOWEL	
120	436927-0000	D		1	NUT	
130	293669-0001	R		4	WASHER	
131	293669-0002	R		2	WASHER	
132	293669-0003	R		2	WASHER	
133	293669-0004	R		2	WASHER	
140	293670-0000	M		1	SHAFT	
150	B 543135-0000	J		1	INK TRANSFER ROLLER	
160	293697-0000	D		1	END SECTION	
180	476354-0000	D		1	CANNULAR TUBE	
190	456773-0000	D		1	PIVOT BRACKET	
200	434747-0000	R		1	BOW CLAMP	
210	537308-0000	D		1	SPRING	
250	90051-0077	-		1	HANDLE	
260	90143-0029	-	MM	295	STRIP	
270	90166-0138	-	MM	100	HOSE	
280	90299-0072	F		48	INK	
300	311103-0236	-		2	PIN,STRAIGHT 3x16	
310	311103-0238	-		1	PIN,STRAIGHT 3x20	
320	311103-0270	-		1	PIN,STRAIGHT M6 4x16	
330	312105-0291	-		3	SCREW M6S ISO 4017 M4X12 A280	
340	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A280	
345	312105-0329	-		1	SCREW M6S ISO 4017 M5x16 A280	
347	312115-0287	-		2	SCREW MC6S ISO 4762 M4X8 A280	
350	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
360	312605-0318	-		3	NUT,HEXAGON,M8 RFR	
370	315105-0146	-		3	WASHER,PLAIN ROUND 5,3x10 Stainless	
380	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
390	315202-0218	J		1	O-RING 26,2x3	
400	315202-0309	J		1	O-RINGS 89,5X3	
410	315750-0105	-		1	CIRCLIP SGA8	
420	321120-0100	K		2	BEARING BUSHING WITHOUT FLANGE,8/10x12	
425	321120-0109	K		2	BEARING BUSHING WITHOUT FLANGE,12/14X10	
430	352113-0101	-		1	CLIP STRIP BLACK 92x2,5mm	

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/19						
230	90050-0012	-		1	BOTTLE	

HOLDER

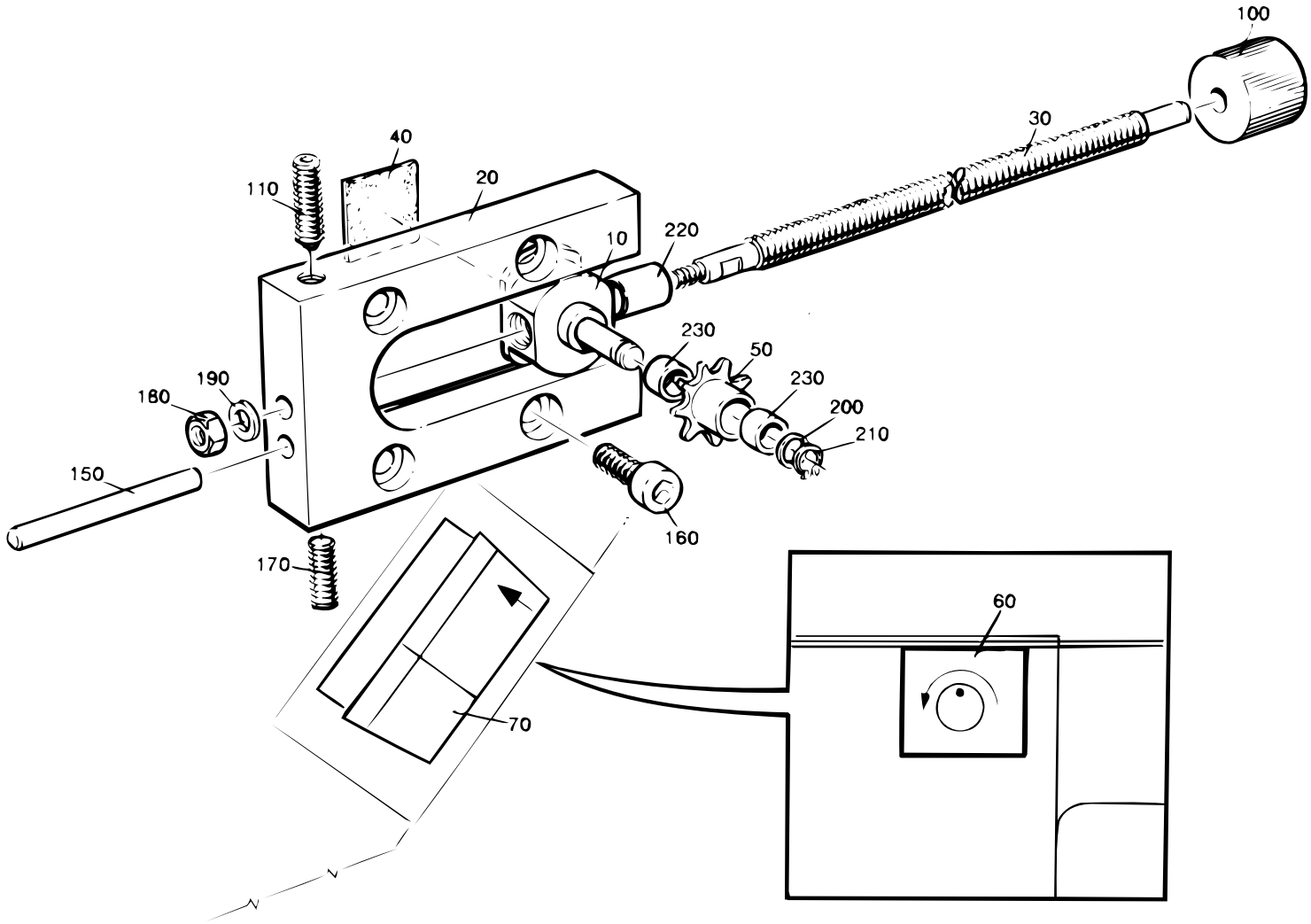


S-751718-1
ECN 70273

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	464009-0003	-		1	BLOCKING PIECE	
020	979960-0000	-		1	SHAFT	
030	450500-0000	-		1	DOWEL	
040	464010-0000	-		1	ARM	
050	464011-0000	-		1	LOCK STUD	
060	464012-0000	-		1	CURVE	
070	B 466430-0000	-		1	BUSHING	
080	B 476377-0000	-		2	SCREW	
090	979942-0000	-		2	COVER	
200	90335-0064	-		1	SPRING	
210	311103-0274	-		2	PIN,STRAIGHT 4x25	
220	311103-0318	-		2	PIN,STRAIGHT 5x40	
240	312105-0378	-		6	SCREW ISO 4017 M6x40 A280	
250	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
260	312605-0316	-		4	NUT,HEXAGON A280 M6M6	
270	312805-0102	-		2	NUT,ROUND,WITH SLOTS,M15x1	
280	312805-0103	-		2	NUT,ROUND,WITH SLOTS,M17x1	
290	315105-0153	-		8	WASHER,PLAIN ROUND 6,4x12 Stainless	
300	318800-0103	-		1	HANDLES,SPHERICAL KNOB,INT.THRE.,D.25-M6	
310	321111-0212	-		1	BEARING BUSHING WITH FLANGE, 15/21X15	

Pos	Part No	SP	UN	Qty	Description	Page No

ADJUSTMENT DEVICE



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	526984-0000	R		1	SADDLE	
020	526985-0000	D		1	PLATE	
030	526986-0001	D		1	SHAFT	
040	527649-0000	D		1	DISTANCE RUBBER	
050	529362-0000	K		1	SPROCKET	
060	543141-0000	-		1	SIGN	
070	543142-0000	-		1	SIGN	
100	90051-0089	-		1	SHIFTER HANDLE	
110	90287-0167	-		1	SCREW, SPRINGLOADED M6x20	
150	311103-0365	-		1	PIN,STRAIGHT 6x50	
160	312115-0368	-		2	SCREW MC6S ISO 4762 M6x16 A280	
170	312318-0368	-		1	SET SCREW CUP POINT ISO 4029 M6x16 RFR	
180	312605-0312	-		1	NUT,HEXAGON,M4 RFR	
190	315105-0136	-		1	WASHER,PLAIN ROUND 4,3x8 Stainless	
200	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
210	315751-0103	-		1	RETAINING RINGS FOR SHAFT 6	
220	321120-0100	K		1	BEARING BUSHING WITHOUT FLANGE,8/10x12	
230	321120-0101	K		2	BEARING BUSHING WITHOUT FLANGE,6/8X6	

Pos	Part No	SP	UN	Qty	Description	Page No

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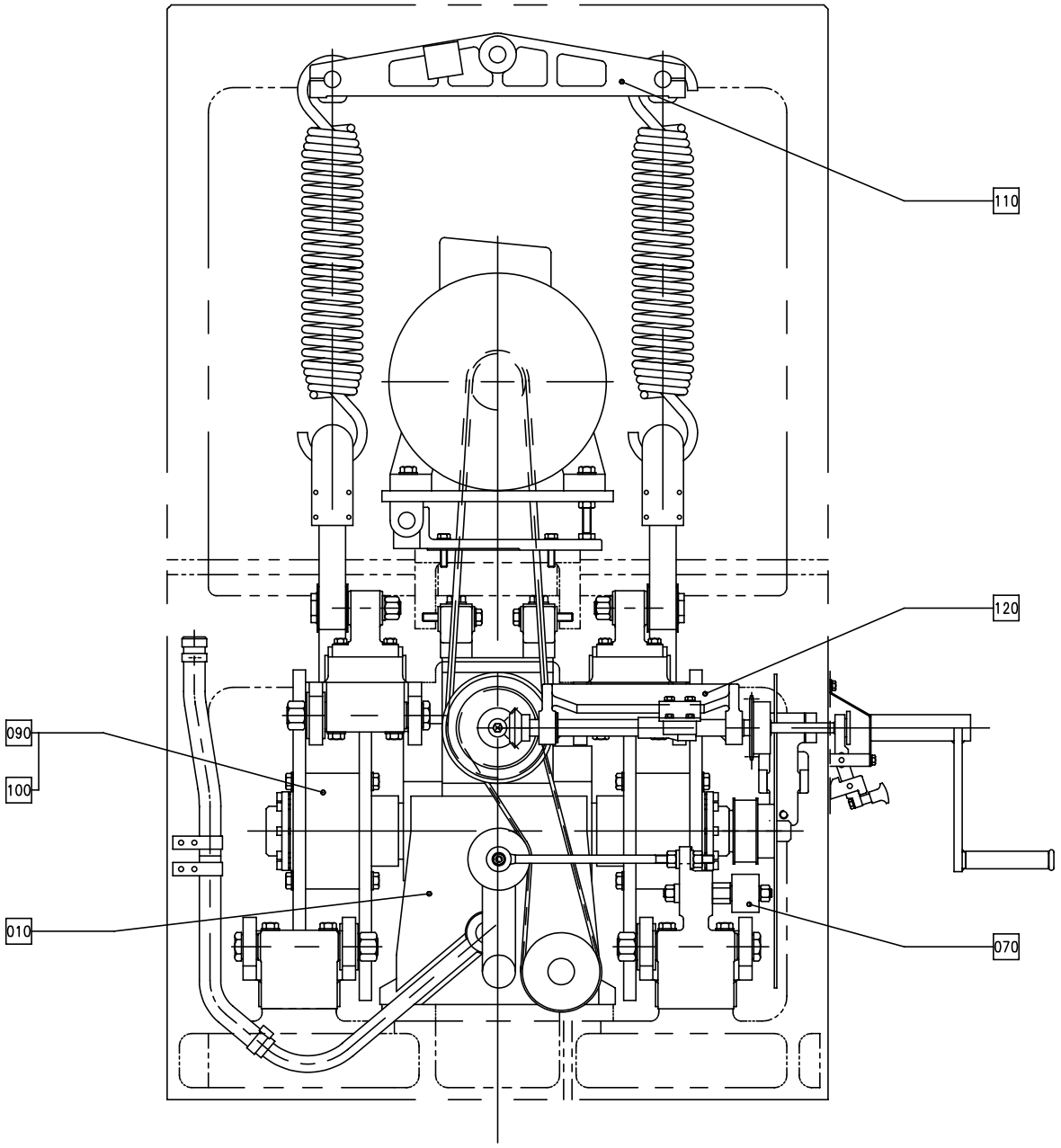
Pos	Part No	SP	UN	Qty	Description	Page No
90044-0103						
	90044-0310	-		1	KEY FOR SAFETY SWITCH -103	
90134-0034						
	90030-0101	-		1	TAPER	
90164-0009						
	90297-0009	F		2	FLUORESCENT TUBE 6W	
90239-0298						
	90239-0349	K		1	SEAL KIT	
90419-0005						
	90036-0038	-		1	BULB 24V 25W E27	
	90419-0302	K		1	LENS RED FOR -304	
441905-0000						
	312911-0126	-		1	THREADED I M8X1,5D	
466430-0000						
	321111-0212	-		1	BEARING BUSHING WITH FLANGE, 15/21X15	
469336-0000						
	456260-0000	-		1	COVER	
469337-0000						
	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
476377-0000						
	312105-0371	-		1	SCREW M6S6X22RFR	
543135-0000						
	90153-0050	-	L	1	ADHESIVE	
	321120-0100	-		1	BEARING BUSHING WITHOUT FLANGE,8/10x12	
577474-0000						
	578638-0000	-		4	NUT WASHER	
577476-0000						
	578639-0000	-		4	NUT WASHER	
577477-0000						
	578638-0000	-		4	NUT WASHER	
577478-0000						
	578639-0000	-		4	NUT WASHER	
577479-0000						
	578639-0000	-		6	NUT WASHER	
577480-0000						
	578638-0000	-		4	NUT WASHER	
577481-0000						
	578638-0000	-		1	NUT WASHER	
577482-0000						
	578638-0000	-		1	NUT WASHER	
578644-0000						
	578638-0000	-		2	NUT WASHER	
	578639-0000	-		2	NUT WASHER	
581307-0000						
	578638-0000	-		2	NUT WASHER	
	578639-0000	-		2	NUT WASHER	

Tetra Pak

SPC

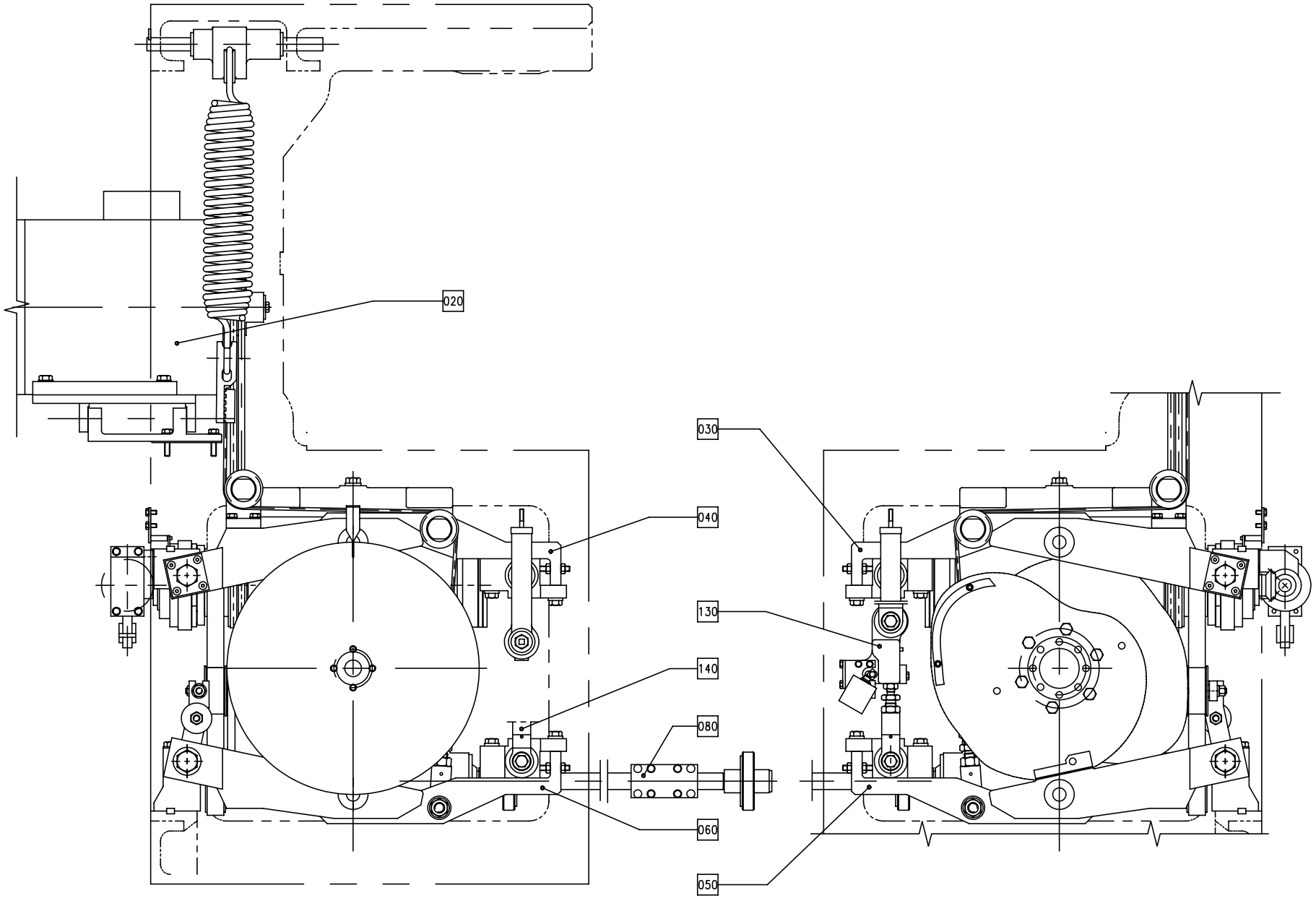
Spare Parts Catalogue



S-648103-5
ECN 10059

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 256173-0500	-		1	WORM GEAR	**254**
F020	A 271128-0400	-		1	MOTOR	**256**
F030	A 256197-0500	-		1	ARM	**258**
F040	A 929438-0100	-		1	ARM	**260**
F050	A 491814-0200	-		1	SLEWING BRACKET RIGHT	**262**
F060	A 491815-0200	-		1	SLEWING BRACKET LEFT	**264**
F070	A 256199-0400	-		1	BELT STRETCHER	**266**
F080	A 256200-0300	-		1	INTERMEDIARY SHAFT	**268**
F110	A 572760-0100	-		1	HOLD-DOWN DEVICE	**276**
F120	A 256806-0300	-		1	CRANK	**280**
F130	A 491787-0200	-		1	DISCONNECTION LINK RIGHT	**282**
F140	A 491788-0200	-		1	DISCONNECTION LINK LEFT	**284**
TBA						
F100	A 256202-0600	-		1	CURVE PACK	**270**

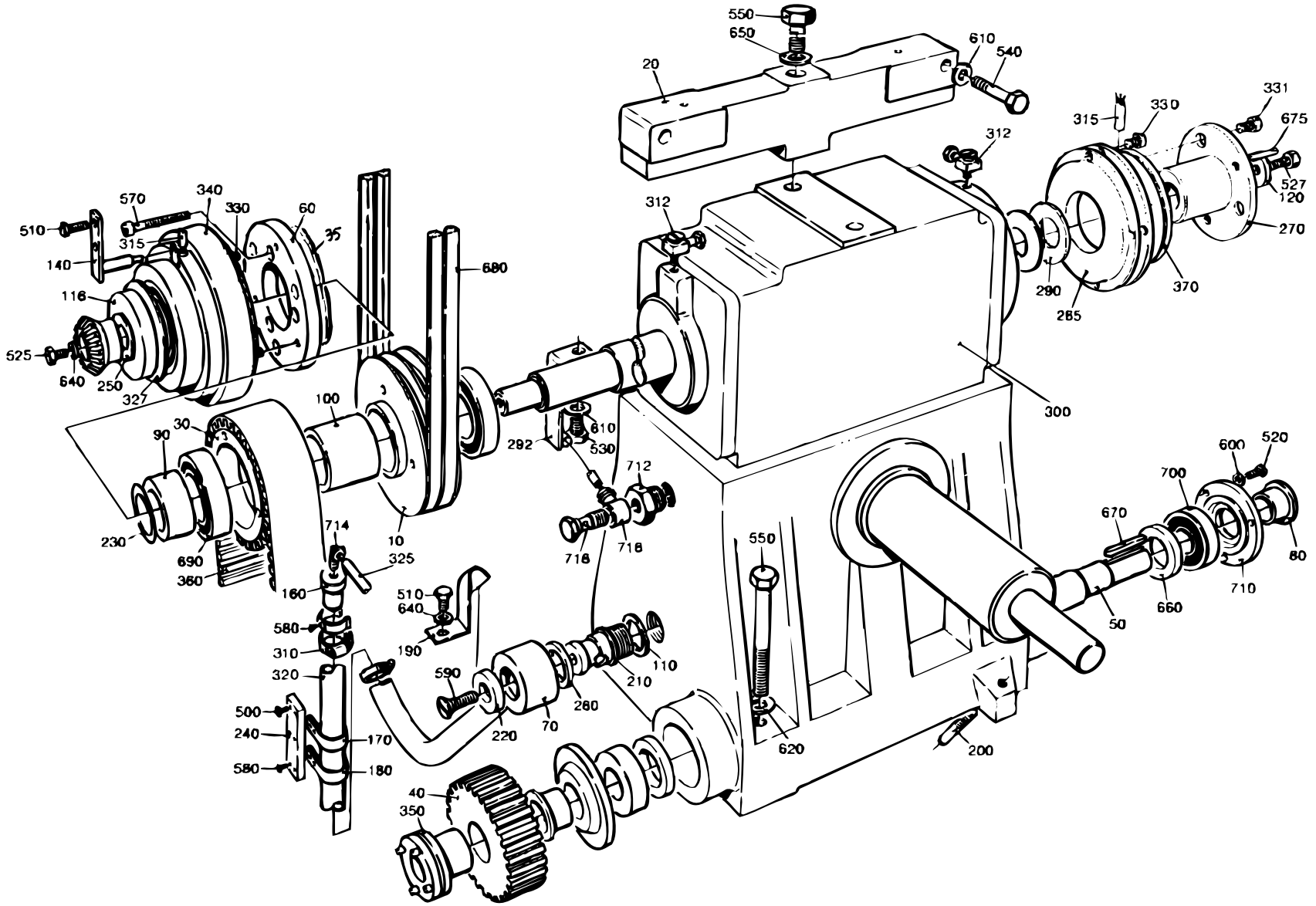
Pos	Part No	SP	UN	Qty	Description	Page No



S-648103-6
ECN 10059

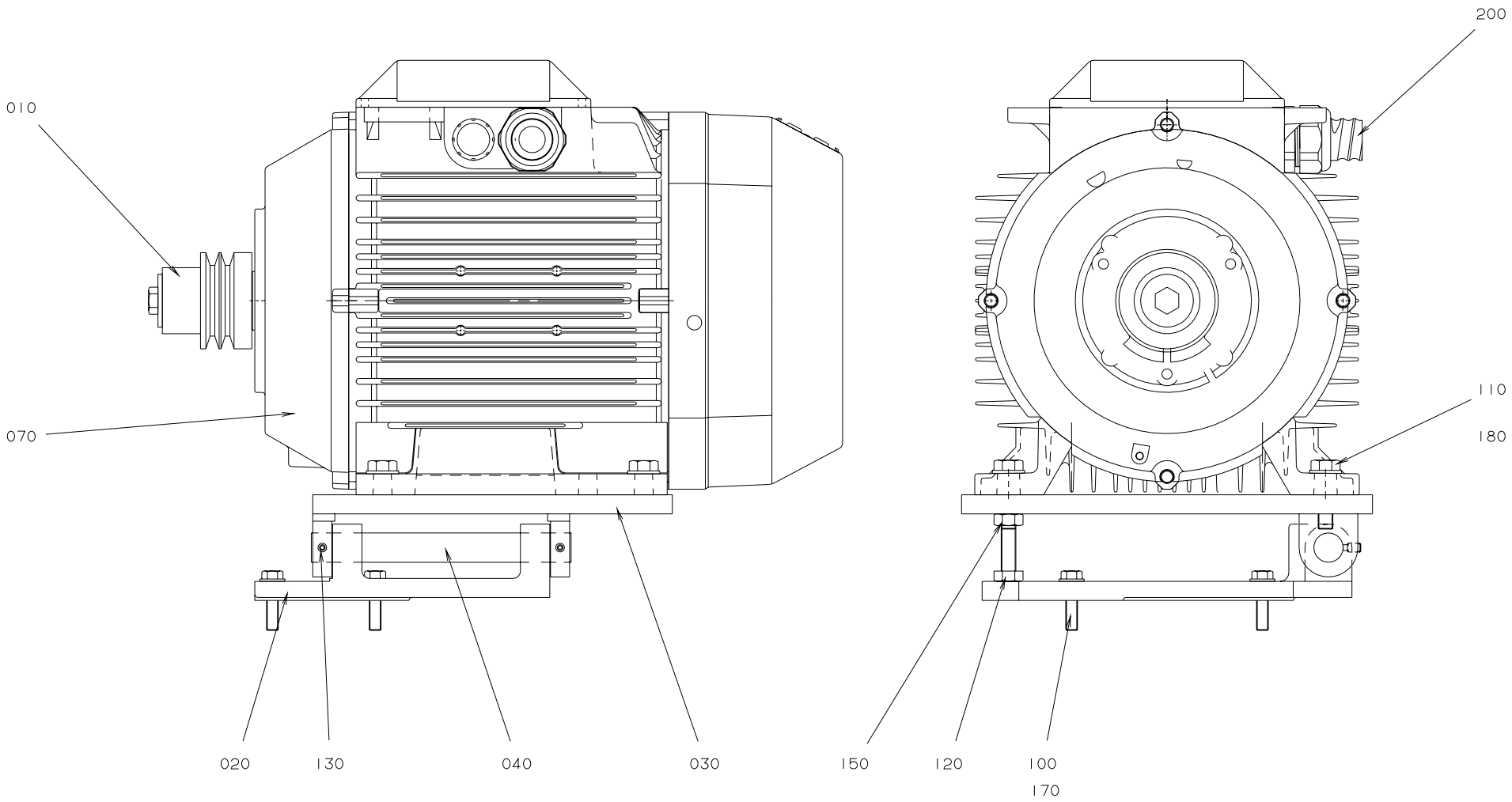
Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 256173-0500	-		1	WORM GEAR	**254**
F020	A 271128-0400	-		1	MOTOR	**256**
F030	A 256197-0500	-		1	ARM	**258**
F040	A 929438-0100	-		1	ARM	**260**
F050	A 491814-0200	-		1	SLEWING BRACKET RIGHT	**262**
F060	A 491815-0200	-		1	SLEWING BRACKET LEFT	**264**
F070	A 256199-0400	-		1	BELT STRETCHER	**266**
F080	A 256200-0300	-		1	INTERMEDIARY SHAFT	**268**
F110	A 572760-0100	-		1	HOLD-DOWN DEVICE	**276**
F120	A 256806-0300	-		1	CRANK	**280**
F130	A 491787-0200	-		1	DISCONNECTION LINK RIGHT	**282**
F140	A 491788-0200	-		1	DISCONNECTION LINK LEFT	**284**
TBA						
F100	A 256202-0600	-		1	CURVE PACK	**270**

Pos	Part No	SP	UN	Qty	Description	Page No



S-256173-6
ECN 12577

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	441356-0000	D		2	BRACKET	
030	751243-0000	K		1	TOOTHED PULLY	
035	751245-0000	K		2	FLANGE	
040	256176-0000	K		1	GEAR WHEEL	
050	256177-0000	K		1	SHAFT	
060	256178-0000	K		1	FIXING RING	
070	272372-0000	K		1	HOUSE	
080	256179-0000	-		2	SPACER SLEEVE	
090	256180-0000	-		1	SPACER	
100	256181-0000	-		1	SPACER PIPE	
110	257174-0000	K		1	SEALING WASHER	
113	257179-0000	-		1	GEAR WHEEL	
116	491409-0000	-		1	WASHER	
120	271689-0000	-		1	WASHER	
140	272374-0000	K		1	CARRIER	
160	272376-0000	-		1	SHUTTER	
170	272377-0001	-		1	CRAMP	
180	272377-0002	-		1	CRAMP	
190	272388-0000	-		1	CRAMP	
200	295140-0000	K		2	PIN	
210	295766-0000	K		1	SCREW	
220	295767-0000	K		1	SEALING WASHER	
230	441024-0000	K		1	LACE	
240	441360-0000	-		1	PLATE	
250	491410-0000	K		1	LACE	
260	456934-0000	K		1	SEALING WASHER	
265	469999-0000	-		1	FLANGE	
270	491274-0000	-		1	HUB	
290	90016-0010	K		2	DISC SPRINGS,50X25,4X2	
292	469867-0000	-		1	HOSE HOLDER	
300	B 90056-0072	K		1	WORM GEAR	
310	90074-0026	-		1	TOOL-CLIP,single 25-35	
312	90134-0058	-		2	BANJO CONNECTION DT4.310.437.1	
315	90142-0005	-	MM	1500	HOSE	
316	90144-0004	-	MM	x	TREBOFLON-TAPE W=13mm	
317	90157-0016	-	ML	x	LOCKING FLUID	
320	90166-0060	K	MM	530	HOSE 19/26-27 Reinf.PVC	
325	90166-0133	-	MM	500	TUBE 8 mm PA,Transp.	
327	90214-0312	K		1	SEALING RING 50X74,6X2,5	
330	90287-0081	-		11	SCREW, MC6S ISO4762, M6x10 12.9	
331	312115-0362	-		6	SCREW MC6S ISO 4762 M6X8 A280	
334	90296-0068	-	G	x	Grease Uniway LI 62 Cartridge 400 Gr.	
336	90296-0075	-	L	4	OIL 54322-320 Acc to M 1254.322	
340	B 90355-0088	K		1	MAGNETIC CLUTCH	
350	90361-0011	K		1	BUSHING "REPL.BY 90208-120"	
360	90417-0076	K		1	TIMING BELT T10X920X25	
370	90432-0018	K		1	BRAKE ORTLINGHAUS	
500	312101-0329	-		2	SCREW M6S5X16FZB	
510	312101-0366	-		3	SCREW M6S 6x12-8,8 FZB	
520	312101-0368	-		6	SCREW M6S 6x16 Zink Plated	
525	312101-0370	-		1	SCREW M6S 6x20 FZB	
527	312101-0376	-		1	SCREW M6S 6x35 FZB	
530	312101-0488	-		1	SCREW M6S10X14FZB	
540	312101-0504	-		8	SCREW M6S10X65FZB	
550	312101-0550	-		6	SCREW M6S12X90FZB	
570	312111-0380	-		3	SCREW MC6S6X50FZB	
580	312121-0323	-		5	SLOTTED HEMCS5X8FZB	
590	312155-0447	-		1	SCREW MF6S8X12RFR	
600	315101-0153	-		6	WASHER BRB 6,4x12 FZB	
610	315111-0173	-		9	WASHER TBRB10,5X22FZB	
620	315111-0178	-		4	WASHER TBRB13X24FZB	
640	315121-0153	-		2	WASHER TBRSB 6,4x22 FZB	
650	315121-0178	-		2	WASHER TBRSB13X36FZB	
660	315221-0169	K		2	SEALING RINGS,TYPE A 30X47X7	
670	315701-0239	K		1	KEYS,PARALLEL WITH ROUND ENDS 6X6X40	
675	315701-0268	-		1	KEYS,PARALLEL WITH ROUND ENDS 8X7X32	
680	90071-0027	F		1	V-BELT	
690	321308-0207	K		2	BALL BEARING 35X62X14	
700	321313-0105	K		2	BALL BEARING 25X52X15	
710	321600-0114	K		2	OIL SEAL (LL3052	
712	342701-0208	-		1	BUSHING RNI3/4"-1/4"	
714	342930-0122	-		1	ELBOW 90 COUPL.,EXT.THREAD 8/6-R1/4"	
716	342980-0122	-		1	BANJO-CONNECTION,RING 8/6-G1/4"	
718	342980-0304	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	
720	342991-0104	-		2	HOSE CLIP,WORM DRIVE TYPE (23)-27	
IH 50HZ 6000/H or IH 60HZ 6000/H or TPC 50HZ 5000/H						
010	751742-0002	D		1	V-BELT PULLEY	
IH 50HZ 7500/H or IH 60HZ 7500/H						
010	751742-0004	D		1	V-BELT PULLEY	
TPC 60HZ 5000/H						
010	751742-0003	D		1	V-BELT PULLEY	



S-271128-2
ECN 20573

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	272431-0000	D		1	BRACKET	
030	441387-0000	-		1	MOTOR CRADLE	
040	272434-0000	K		1	SHAFT	
070	90045-0159	-		1	MOTOR ABB M2AA 132M2/8	
100	312101-0457	-		4	SCREW M6S 8x35 FZB	
110	312101-0499	-		4	SCREW M6S10X40FZB	
120	312104-0505	-		1	SCREW M6S10X70H8.8FZB	
130	312311-0366	-		2	SET SCREW FULL DOGPOINT ISO 4028 M6X12	
150	312601-0320	-		1	NUT M6M 10-8 FZB	
170	315111-0165	-		4	WASHER TBRB8,4X16FZB	
180	315111-0173	-		4	WASHER TBRB10,5X22FZB	
200	90012-0102	-		1	GLAND FITTING	
IH 50HZ 6000/H						
010	751741-0004	K		1	V-BELT PULLEY	
IH 50HZ 7500/H						
010	751741-0005	K		1	V-BELT PULLEY	
IH 60HZ 6000/H						
010	751741-0003	K		1	V-BELT PULLEY	
IH 60HZ 7500/H						
010	751741-0006	K		1	V-BELT PULLEY	
TPC 50HZ 6000/H						
010	751741-0002	K		1	V-BELT PULLEY	
TPC 60HZ 6000/H						
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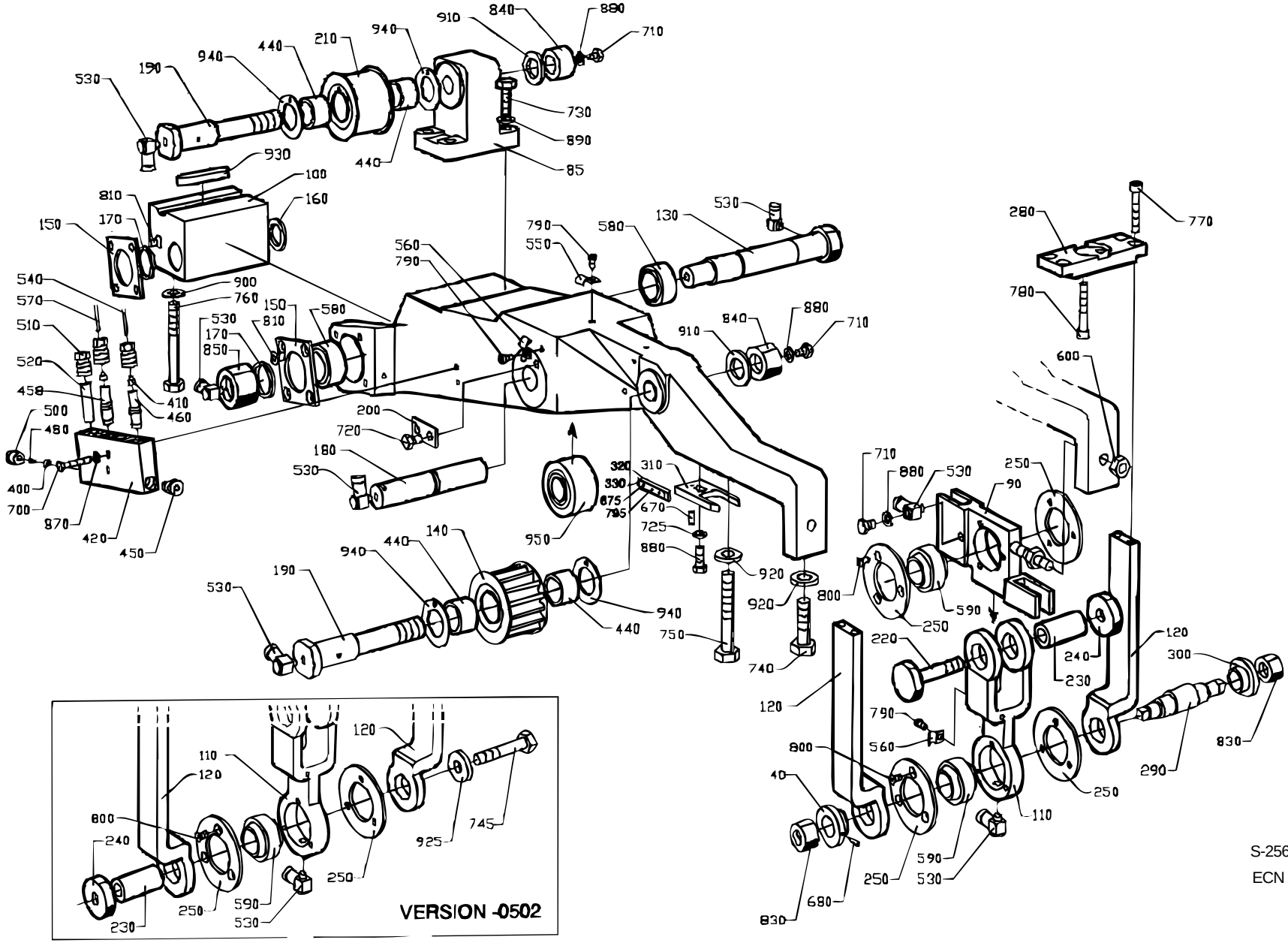
Pos	Part No	SP	UN	Qty	Description	Page No


VERSION -0502
S-256197-15
ECN 19159

Pos	Part No	SP	UN	Qty	Description	Page No
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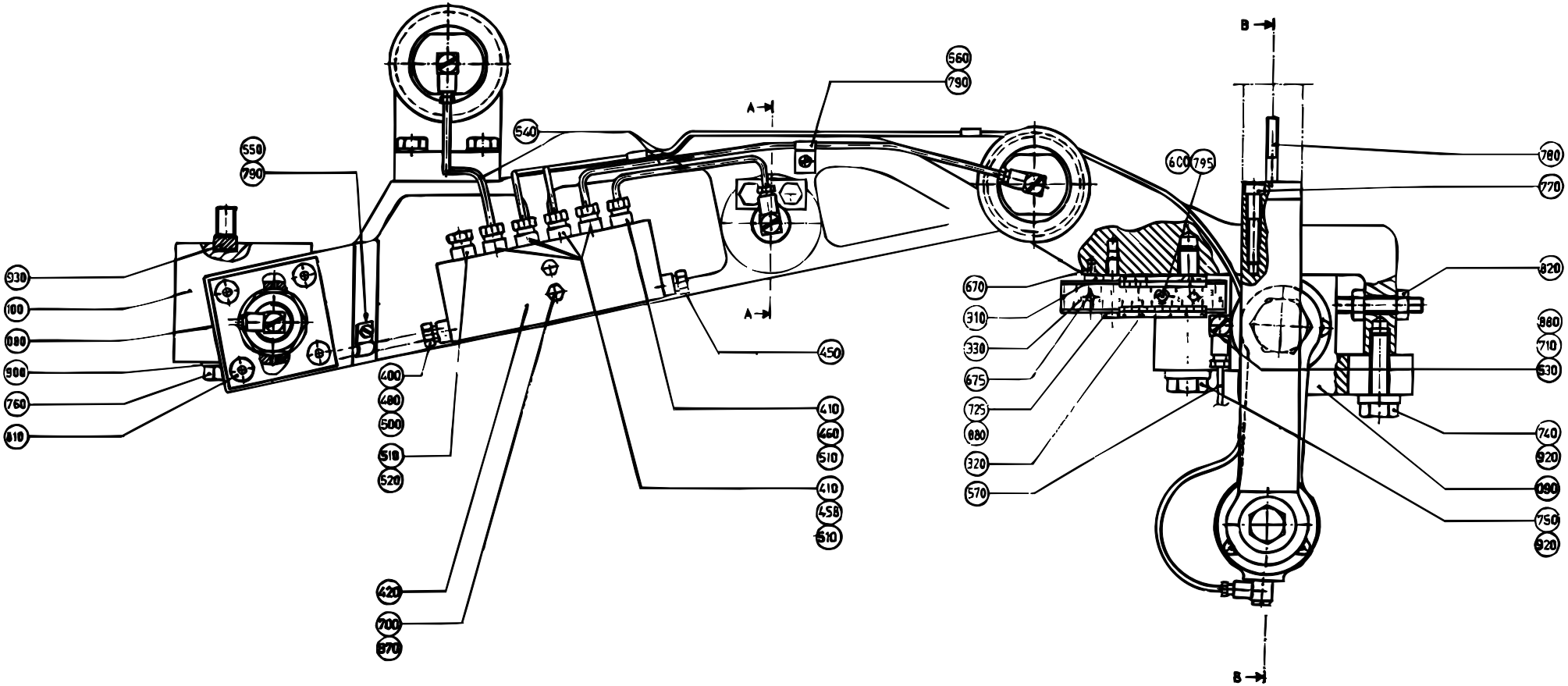
030	272459-0000	K		1	WASHER	
080	751212-0000	D		1	ARM	
085	272442-0000	D		1	CANTILEVER	
090	978275-0000	D		1	BEARING HOLDER	
100	272455-0000	-		1	BEARING BRACKET	
110	272456-0000	K		1	LINK	
120	272457-0000	K		2	BOW CLAMP	
130	295770-0000	K		1	AXLE BOLT	
140	256421-0000	K		1	PULLEY	
150	256422-0000	K		2	WASHER	
160	256426-0001	K		1	WASHER	
170	256426-0002	K		2	WASHER	
180	256427-0000	K		1	SHAFT	
190	490916-0000	K		2	AXLE PIN	
200	256472-0000	K		1	WASHER	
210	257306-0000	K		1	ROLL	
220	257308-0000	K		1	SCREW	
230	257309-0000	K		1	SHAFT	
240	257310-0000	K		1	NUT	
250	257311-0000	K		4	CAP	
280	272116-0000	K		1	CAP	
290	272458-0000	K		1	ECCENTRIC SHAFT	
300	272461-0000	K		1	WASHER	
310	978272-0000	-		1	BRACKET	
320	1484792-0000	-		1	Scale	
330	1484791-0000	-		1	Scale	
400	90028-0021	F		1	CONE DIN3862 Di=4mm	
410	90028-0020	F		5	CONE DT13700S-300 Di=2,5mm	
420	90032-0040	-		1	BLOCK 6ways DT4.317796.1D	
430	90035-0005	-		1	COVER	
440	321531-0248	-		4	NEEDLE SLEHK2016	
450	90087-0019	-		1	PLUG M10x1 Stainless	
458	90092-0052	K		4	METERING VALVE 10mm3	
460	90092-0053	K		1	METERING VALVE 30mm3	
480	90134-0031	-		1	SLEEVE E 4/2	
500	90134-0038	-		1	BUSHING 4 DIN 3871 Stainless	
510	90134-0039	-		6	BUSHING DT4.018912.1 Stainless	
520	90134-0052	-		1	PLUG DT4.076817.2D	
530	90134-0058	-		7	BANJO CONNECTION DT4.310.437.1	
540	90266-0019	-	MM	550	PIPE	
550	90165-0002	-		3	CLIP	
560	90165-0022	-		2	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
570	90166-0143	-	MM	1100	TUBE 2,5 mm PA,Transp.	
580	90240-0048	K		2	PLAIN BEARING,SELF ADJUST.SPER. 25X42X20	
590	90240-0050	K		2	PLAIN BEARING,SELF ADJUST.SPER. 20X35X24	
600	90157-0016	-		x	LOCKING FLUID	
670	311101-0267	-		1	CYLINDRICACP4H6X10	
675	311103-0267	-		1	PIN,STRAIGHT 4x10	
680	311303-0234	K		1	SLOTTED PIRPB3X12FZB	
700	312101-0297	-		2	SCREW M6S4X25FZB	
710	312101-0362	-		3	SCREW M6S 6x8-8,8 FZB	
720	312101-0364	-		2	SCREW M6S 6x10-8,8 FZB	
725	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
730	312101-0453	-		4	SCREW M6S 8x25 FZB	
740	312101-0493	-		1	SCREW M6S10X25FZB	
750	312101-0504	-		1	SCREW M6S10X65FZB	
760	312101-0507	-		2	SCREW M6S10X80FZB	
770	312111-0376	-		4	SCREW MC6S6X35FZB	
780	312111-0378	-		2	SCREW MC6S6X40FZB	
790	312121-0287	-		5	SLOTTED HEAD SCREW MCS 4x8 FZB	
795	312145-0220	-		1	SLOTTED HEMFS3X6RFR	
800	312151-0287	-		12	SCREW MF6S4X8FZB	
810	312151-0364	-		8	SCREW MF6S6X10FZB	
820	312601-0318	-		2	NUT M6M8FZB	
830	312811-0322	K		2	LOCK NUT M12RFR	
840	312811-0324	K		2	LOCK NUT M16RFR	
850	312811-0326	K		1	LOCK NUT M20RFR	
870	315101-0136	-		2	WASHER BRB 4,3x8 FZB	
880	315101-0153	-		4	WASHER BRB 6,4x12 FZB	
890	315101-0165	-		4	WASHER BRB 8,4x16 FZB	
900	315101-0173	-		2	WASHER BRB10,5X22FZB	
910	315101-0186	-		2	WASHER BRB 17x30 FZB	
920	315111-0173	-		2	WASHER TBRB10,5X22FZB	
930	315701-0335	-		1	KEYS,PARALLEL WITH ROUND ENDS 12X8X56	
940	321129-0137	K		4	THRUST WASHER 22/38X1,5	
950	321576-0260	K		1	BEARINGS,BEARING ROLLER 20X47X25	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Pos	Part No	SP	UN	Qty	Description	Page No
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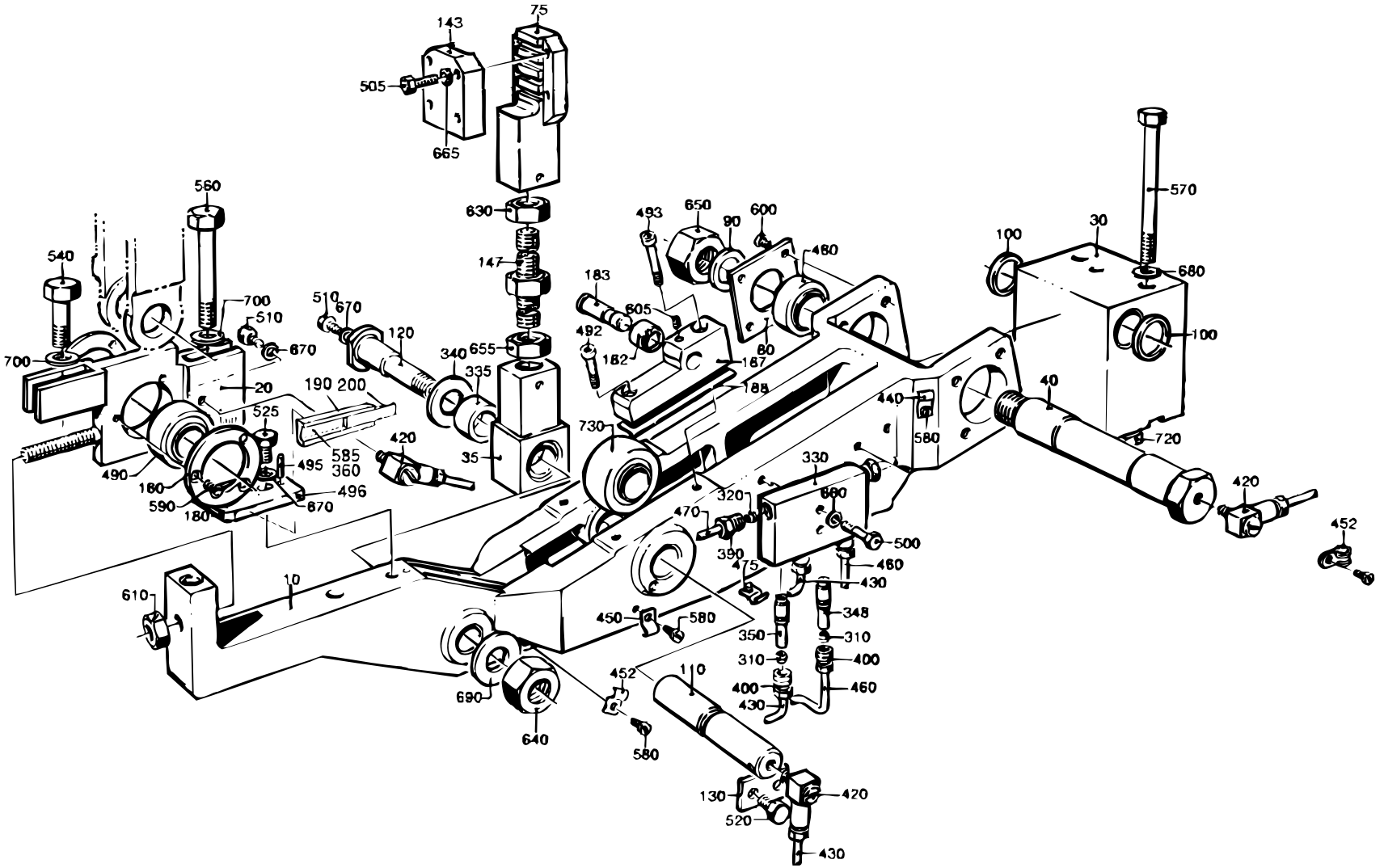
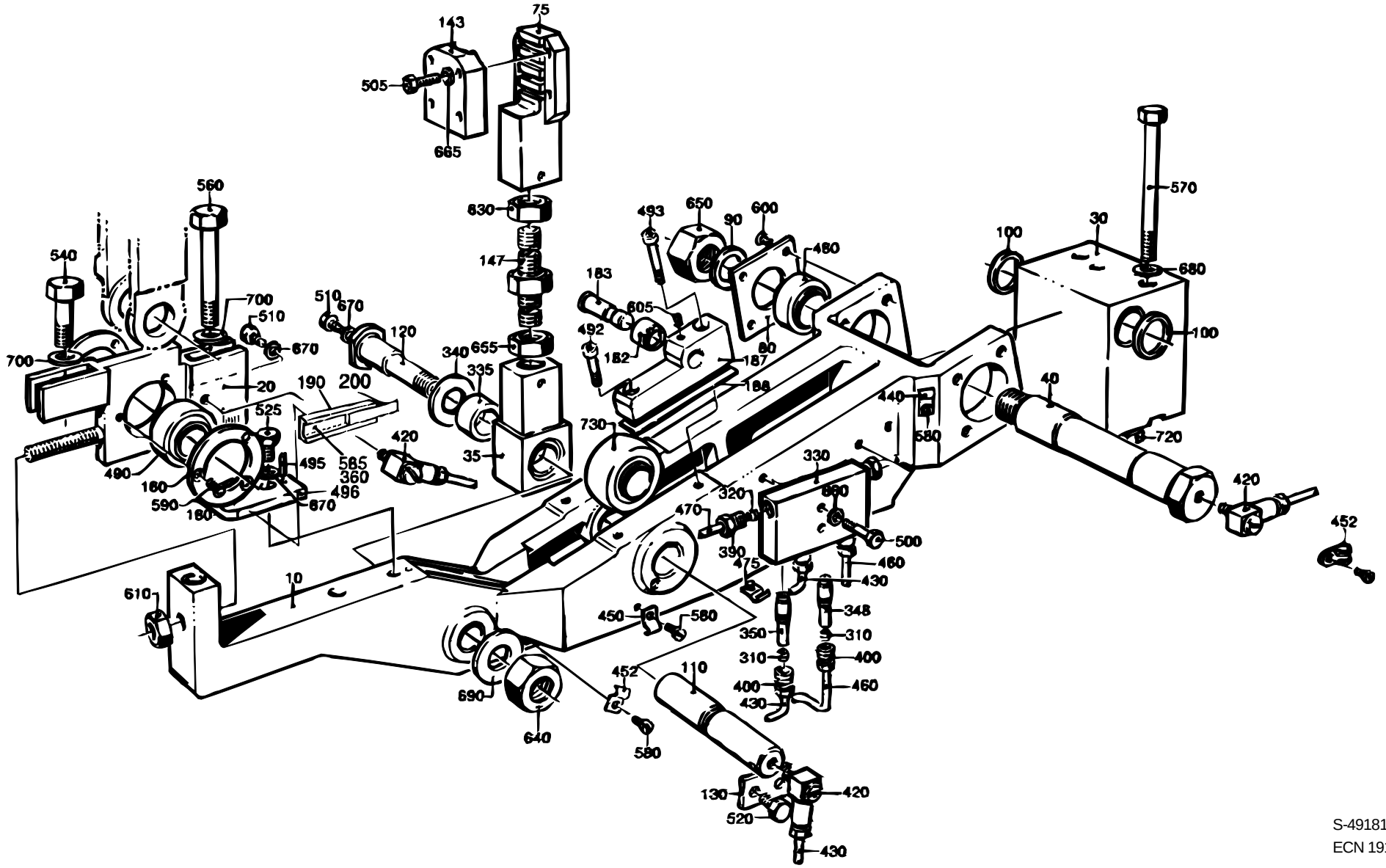
030	272459-0000	K		1	WASHER	
080	751212-0000	D		1	ARM	
085	272442-0000	D		1	CANTILEVER	
090	978275-0000	D		1	BEARING HOLDER	
100	272455-0000	-		1	BEARING BRACKET	
110	272456-0000	K		1	LINK	
120	272457-0000	K		2	BOW CLAMP	
130	295770-0000	K		1	AXLE BOLT	
140	256421-0000	K		1	PULLEY	
150	256422-0000	K		2	WASHER	
160	256426-0001	K		1	WASHER	
170	256426-0002	K		2	WASHER	
180	256427-0000	K		1	SHAFT	
190	490916-0000	K		2	AXLE PIN	
200	256472-0000	K		1	WASHER	
210	257306-0000	K		1	ROLL	
220	257308-0000	K		1	SCREW	
230	257309-0000	K		2	SHAFT	
240	257310-0000	K		2	NUT	
250	257311-0000	K		4	CAP	
280	272116-0000	K		1	CAP	
310	978272-0000	-		1	BRACKET	
320	1484792-0000	-		1	Scale	
330	1484791-0000	-		1	Scale	
400	90028-0021	F		1	CONE DIN3862 Di=4mm	
410	90028-0020	F		5	CONE DT13700S-300 Di=2,5mm	
420	90032-0040	-		1	BLOCK 6ways DT4.317796.1D	
430	90035-0005	-		1	COVER	
440	321531-0248	-		4	NEEDLE SLEHK2016	
450	90087-0019	-		1	PLUG M10x1 Stainless	
458	90092-0052	K		4	METERING VALVE 10mm3	
460	90092-0053	K		1	METERING VALVE 30mm3	
480	90134-0031	-		1	SLEEVE E 4/2	
500	90134-0038	-		1	BUSHING 4 DIN 3871 Stainless	
510	90134-0039	-		6	BUSHING DT4.018912.1 Stainless	
520	90134-0052	-		1	PLUG DT4.076817.2D	
530	90134-0058	-		7	BANJO CONNECTION DT4.310.437.1	
540	90266-0019	-	MM	550	PIPE	
550	90165-0002	-		3	CLIP	
560	90165-0022	-		2	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
570	90166-0143	-	MM	1100	TUBE 2,5 mm PA,Transp.	
580	90240-0048	K		2	PLAIN BEARING,SELF ADJUST.SPER. 25X42X20	
590	90240-0050	K		2	PLAIN BEARING,SELF ADJUST.SPER. 20X35X24	
600	90157-0016	-		x	LOCKING FLUID	
670	311101-0267	-		1	CYLINDRICACP4H6X10	
675	311103-0267	-		1	PIN,STRAIGHT 4x10	
700	312101-0297	-		2	SCREW M6S4X25FZB	
710	312101-0362	-		3	SCREW M6S 6x8-8,8 FZB	
720	312101-0364	-		2	SCREW M6S 6x10-8,8 FZB	
725	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
730	312101-0453	-		4	SCREW M6S 8x25 FZB	
740	312101-0493	-		1	SCREW M6S10X25FZB	
745	312101-0502	-		1	SCREW M6S10X55FZB	
750	312101-0504	-		1	SCREW M6S10X65FZB	
760	312101-0507	-		2	SCREW M6S10X80FZB	
770	312111-0376	-		4	SCREW MC6S6X35FZB	
780	312111-0378	-		2	SCREW MC6S6X40FZB	
790	312121-0287	-		5	SLOTTED HEAD SCREW MCS 4x8 FZB	
795	312145-0220	-		1	SLOTTED HEMFS3X6RFR	
800	312151-0287	-		12	SCREW MF6S4X8FZB	
810	312151-0364	-		8	SCREW MF6S6X10FZB	
820	312601-0318	-		2	NUT M6M8FZB	
840	312811-0324	K		2	LOCK NUT M16RFR	
850	312811-0326	K		1	LOCK NUT M20RFR	
870	315101-0136	-		2	WASHER BRB 4,3x8 FZB	
880	315101-0153	-		4	WASHER BRB 6,4x12 FZB	
890	315101-0165	-		4	WASHER BRB 8,4x16 FZB	
900	315101-0173	-		2	WASHER BRB10,5X22FZB	
910	315101-0186	-		2	WASHER BRB 17x30 FZB	
920	315111-0173	-		2	WASHER TBRB10,5X22FZB	
925	315121-0173	-		1	WASHER BRSB10,5X28FZB	
930	315701-0335	-		1	KEYS,PARALLEL WITH ROUND ENDS 12X8X56	
940	321129-0137	K		4	THRUST WASHER 22/38X1,5	
950	321576-0260	K		1	BEARINGS,BEARING ROLLER 20X47X25	

SLEWING BRACKET RIGHT



Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	751212-0000	D		1	ARM	
020	978275-0000	D		1	BEARING HOLDER	
030	256418-0000	D		1	BEARING BRACKET	
035	256515-0000	K		1	END PIECE	
040	272462-0000	K		1	AXLE BOLT	
075	272607-0000	D		1	BELT HOLDER	
080	256422-0000	K		2	WASHER	
090	256426-0001	K		1	WASHER	
100	256426-0002	K		2	WASHER	
110	256427-0000	D		1	SHAFT	
120	490916-0000	K		1	AXLE PIN	
130	256472-0000	K		1	WASHER	
143	256516-0000	D		1	CAP	
147	256517-0000	D		1	SCREW	
160	257311-0000	K		2	CAP	
180	978272-0000	-		1	BRACKET	
182	491165-0000	K		1	ROLL	
183	491166-0000	K		1	SHAFT	
187	751078-0000	K		1	BRACKET RIGHT	
188	491319-0000	K		2	LACE	
190	1484792-0000	-		1	Scale	
200	1484791-0000	-		1	Scale	
310	90028-0020	F		4	CONE DT13700S-300 Di=2,5mm	
320	90028-0021	F		2	CONE DIN3862 Di=4mm	
330	90032-0039	-		1	DISTR.BLOCK DT4.310794.1	
335	321531-0248	K		2	NEEDLE SLEHK2016	
340	90083-0016	K		2	PLATE	
348	90092-0052	K		3	METERING VALVE 10mm3	
350	90092-0053	K		1	METERING VALVE 30mm3	
360	90157-0016	-		x	LOCKING FLUID	
390	90134-0038	K		2	BUSHING 4 DIN 3871 Stainless	
400	90134-0039	K		4	BUSHING DT4.018912.1 Stainless	
420	90134-0058	-		5	BANJO CONNECTION DT4.310.437.1	
430	90266-0019	-	MM	350	PIPE	
440	90165-0002	-		2	CLIP	
450	90165-0022	-		1	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
452	90165-0065	-		3	CRAMP	
460	90166-0143	-	MM	1100	TUBE 2,5 mm PA,Transp.	
470	90166-0109	F	MM	700	TUBE 4 mm PA,Transp.	
475	90182-0005	-		2	CLIP STRIP 79x2,3mm REPL.BY 352113-101	
480	90240-0048	K		2	PLAIN BEARING,SELF ADJUST.SPER. 25X42X20	
490	90240-0050	K		1	PLAIN BEARING,SELF ADJUST.SPER. 20X35X24	
492	90287-0143	-		1	SCREW, MC6S ISO4762, M6x25 12,9	
493	90287-0144	-		1	SCREW, MC6S ISO4762, M6x35 12,9	
495	311101-0267	-		1	CYLINDRICACP4H6X10	
498	311103-0267	-		1	PIN,STRAIGHT 4x10	
500	312101-0297	-		2	SCREW M6S4X25FZB	
505	312101-0333	-		4	SCREW M6S5X25FZB	
510	312101-0362	-		2	SCREW M6S 6x8-8,8 FZB	
520	312101-0364	-		2	SCREW M6S 6x10-8,8 FZB	
525	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
540	312101-0493	-		1	SCREW M6S10X25FZB	
560	312101-0504	-		1	SCREW M6S10X65FZB	
570	312101-0515	-		2	SCREW M6S10X120FZB	
580	312121-0287	K		4	SLOTTED HEAD SCREW MCS 4x8 FZB	
585	312145-0220	-		1	SLOTTED HEMFS3X6RFR	
590	312151-0287	-		6	SCREW MF6S4X8FZB	
600	312151-0364	-		8	SCREW MF6S6X10FZB	
605	312311-0321	-		1	SET SCREW FULL DOGPOINT ISO 4028 M5X6	
610	312601-0318	-		2	NUT M6M8FZB	
630	312601-0324	-		1	NUT M6M 16-8 FZB	
640	312811-0324	K		1	LOCK NUT M16RFR	
650	312811-0326	K		1	LOCK NUT M20RFR	
655	312901-0324	-		1	NUT M6M16VFZB	
660	315101-0136	-		2	WASHER BRB 4,3x8 FZB	
665	315101-0146	-		4	WASHER BRB 5,3x10 FZB	
670	315101-0153	-		3	WASHER BRB 6,4x12 FZB	
680	315101-0173	-		2	WASHER BRB10,5X22FZB	
690	315101-0186	-		1	WASHER BRB 17x30 FZB	
700	315111-0173	-		2	WASHER TBRB10,5X22FZB	
720	315701-0335	-		1	KEYS,PARALLEL WITH ROUND ENDS 12X8X56	
730	321576-0260	K		1	BEARINGS,BEARING ROLLER 20X47X25	

SLEWING BRACKET LEFT



S-491815-3/4
ECN 19159

Pos	Part No	SP	UN	Qty	Description	Page No
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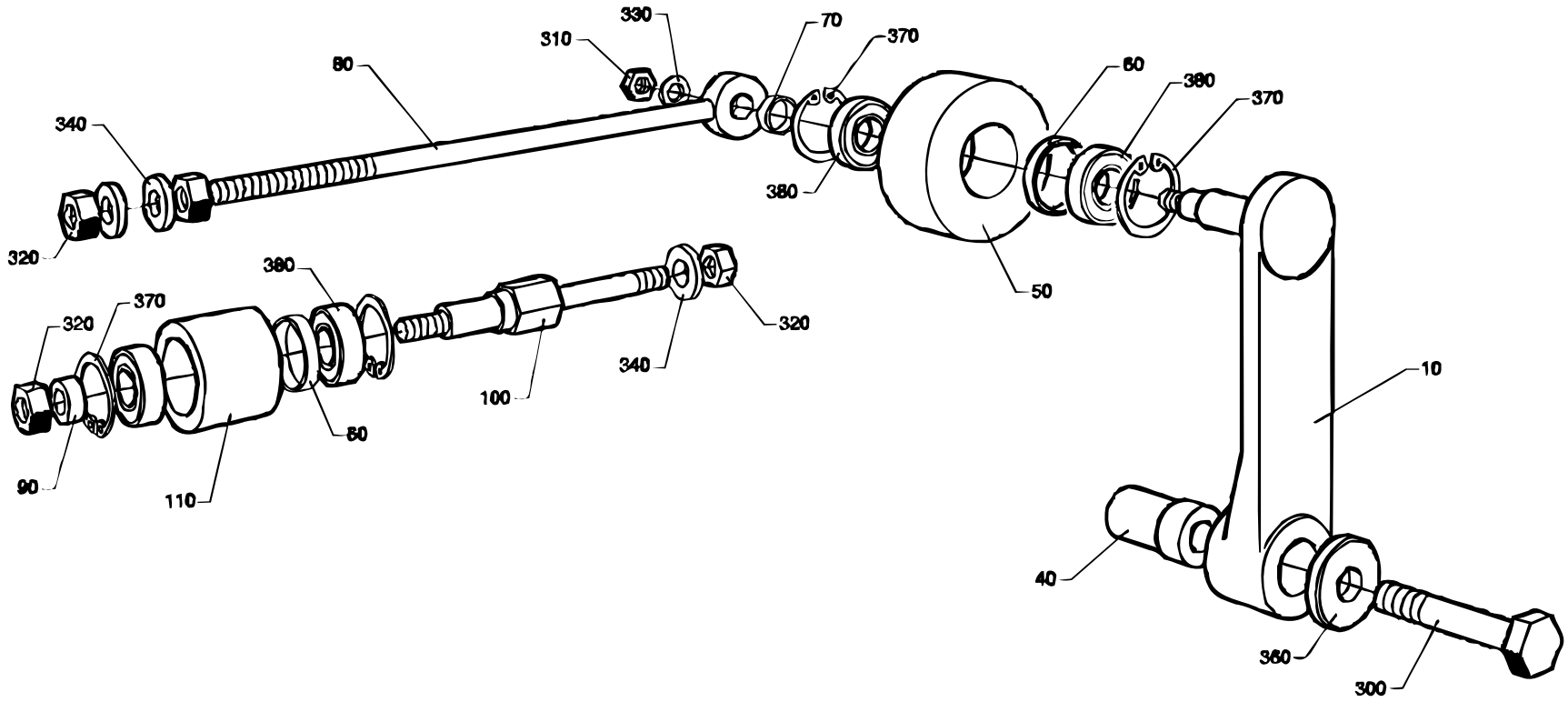
010	751212-0000	D		1	ARM	
015	751213-0000	D		1	BEARING BRACKET	
020	978275-0000	D		1	BEARING HOLDER	
035	256515-0000	K		1	END PIECE	
040	272462-0000	K		1	AXLE BOLT	
075	272607-0000	D		1	BELT HOLDER	
080	256422-0000	K		2	WASHER	
090	256426-0001	K		1	WASHER	
100	256426-0002	K		2	WASHER	
110	256427-0000	D		1	SHAFT	
120	490916-0000	K		1	AXLE PIN	
130	256472-0000	K		1	WASHER	
143	256516-0000	D		1	CAP	
147	256517-0000	D		1	SCREW	
160	257311-0000	K		2	CAP	
180	978272-0000	-		1	BRACKET	
182	491165-0000	K		1	ROLL	
183	491166-0000	K		1	SHAFT	
187	751079-0000	K		1	BRACKET LEFT	
188	491319-0000	K		2	LACE	
190	1484792-0000	-		1	Scale	
200	1484791-0000	-		1	Scale	
310	90028-0020	F		4	CONE DT13700S-300 Di=2,5mm	
320	90028-0021	F		2	CONE DIN3862 Di=4mm	
330	90032-0039	-		1	DISTR.BLOCK DT4.310794.1	
335	321531-0248	K		2	NEEDLE SLEHK2016	
340	90083-0016	K		2	PLATE	
348	90092-0052	K		3	METERING VALVE 10mm3	
350	90092-0053	K		1	METERING VALVE 30mm3	
360	90157-0016	-		x	LOCKING FLUID	
390	90134-0038	K		2	BUSHING 4 DIN 3871 Stainless	
400	90134-0039	K		4	BUSHING DT4.018912.1 Stainless	
420	90134-0058	-		5	BANJO CONNECTION DT4.310.437.1	
430	90266-0019	-	MM	350	PIPE	
440	90165-0002	-		2	CLIP	
450	90165-0022	-		1	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
452	90165-0065	-		4	CRAMP	
460	90166-0143	-	MM	1100	TUBE 2,5 mm PA,Transp.	
470	90166-0109	F	MM	700	TUBE 4 mm PA,Transp.	
475	90182-0005	-		2	CLIP STRIP 79x2,3mm REPL.BY 352113-101	
480	90240-0048	K		2	PLAIN BEARING,SELF ADJUST.SPER. 25X42X20	
490	90240-0050	K		1	PLAIN BEARING,SELF ADJUST.SPER. 20X35X24	
492	90287-0143	-		1	SCREW, MC6S ISO4762, M6x25 12,9	
493	90287-0144	-		1	SCREW, MC6S ISO4762, M6x35 12,9	
495	311101-0267	-		1	CYLINDRICACP4H6X10	
498	311103-0267	-		1	PIN,STRAIGHT 4x10	
500	312101-0297	-		2	SCREW M6S4X25FZB	
505	312101-0333	-		4	SCREW M6S5X25FZB	
510	312101-0362	-		2	SCREW M6S 6x8-8,8 FZB	
520	312101-0364	-		2	SCREW M6S 6x10-8,8 FZB	
525	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
540	312101-0493	-		1	SCREW M6S10X25FZB	
560	312101-0504	-		1	SCREW M6S10X65FZB	
570	312101-0515	-		2	SCREW M6S10X120FZB	
580	312121-0287	K		6	SLOTTED HEAD SCREW MCS 4x8 FZB	
585	312145-0220	-		1	SLOTTED HEMFS3X6RFR	
590	312151-0287	-		6	SCREW MF6S4X8FZB	
600	312151-0364	-		8	SCREW MF6S6X10FZB	
605	312311-0321	-		1	SET SCREW FULL DOGPOINT ISO 4028 M5X6	
610	312601-0318	-		2	NUT M6M8FZB	
630	312601-0324	-		1	NUT M6M 16-8 FZB	
640	312811-0324	K		1	LOCK NUT M16RFR	
650	312811-0326	K		1	LOCK NUT M20RFR	
655	312901-0324	-		1	NUT M6M16VFZB	
660	315101-0136	-		2	WASHER BRB 4,3x8 FZB	
665	315101-0146	-		4	WASHER BRB 5,3x10 FZB	
670	315101-0153	-		3	WASHER BRB 6,4x12 FZB	
680	315101-0173	-		2	WASHER BRB10,5X22FZB	
690	315101-0186	-		1	WASHER BRB 17x30 FZB	
700	315111-0173	-		2	WASHER TBRB10,5X22FZB	
720	315701-0335	-		1	KEYS,PARALLEL WITH ROUND ENDS 12X8X56	
730	321576-0260	K		1	BEARINGS,BEARING ROLLER 20X47X25	

BELT STRETCHER

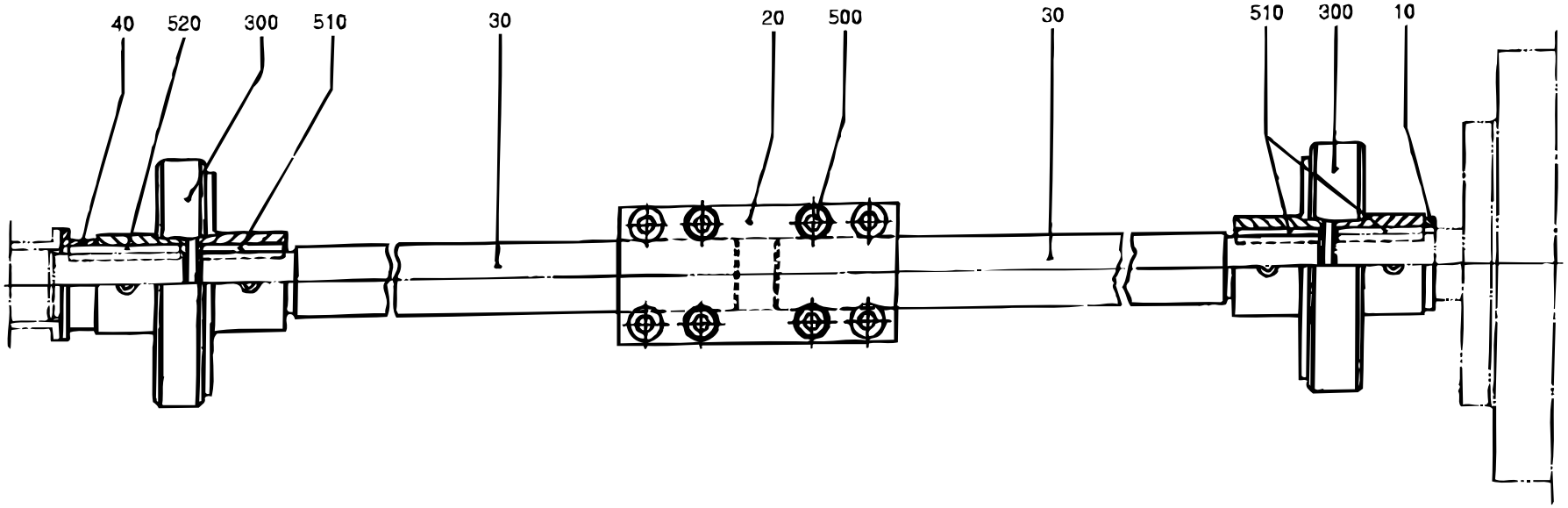


S-256199-4
ECN 15166

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	272565-0000	D		1	ARM	
040	256912-0000	K		1	DOWEL	
050	751254-0000	K		1	ROLL	
060	752765-0000	K		2	SPACER RING	
070	256915-0000	K		1	SPACER RING	
080	256916-0000	K		1	STRUT	
090	256918-0000	K		1	WASHER	
100	272566-0000	K		1	AXLE PIN	
110	751180-0000	D		1	ROLL	
300	312101-0546	-		1	SCREW M6S 12x70 Zink Plated	
310	312811-0318	K		1	LOCK NUT M8RFR	
320	312811-0320	K		4	LOCK NUT M10RFR	
330	315111-0165	-		1	WASHER TBRB8,4X16FZB	
340	315111-0173	-		4	WASHER TBRB10,5X22FZB	
360	315121-0178	-		1	WASHER TBRSB13X36FZB	
370	315752-0123	K		4	CIRCLIP SGH32	
380	321308-0202	K		4	BALL BEARING 15x32x9	

Pos	Part No	SP	UN	Qty	Description	Page No

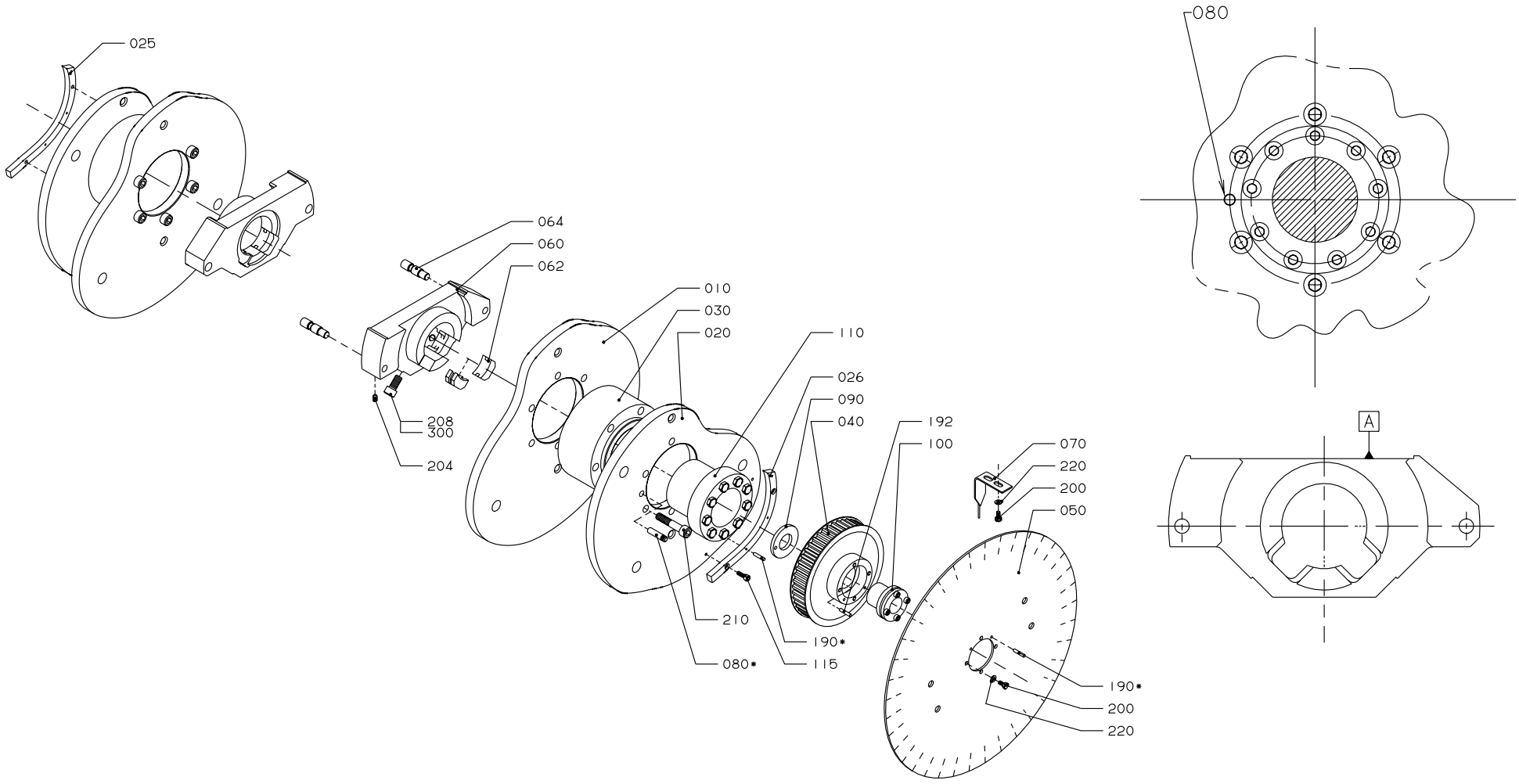
INTERMEDIARY SHAFT



S-256200-4
ECN 06317

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	272857-0000	K		1	RING	
020	295983-0000	-		1	CONNECTION	
030	441339-0000	K		2	SHAFT	
040	441720-0000	K		1	SPACER	
300	90355-0048	K		2	CONNECTION	
500	312111-0368	-		8	SCREW MC6S6X16FZB	
510	315701-0235	K		3	FLAT WEDGE6X6X28	
520	315701-0239	K		1	KEYS,PARALLEL WITH ROUND ENDS 6X6X40	

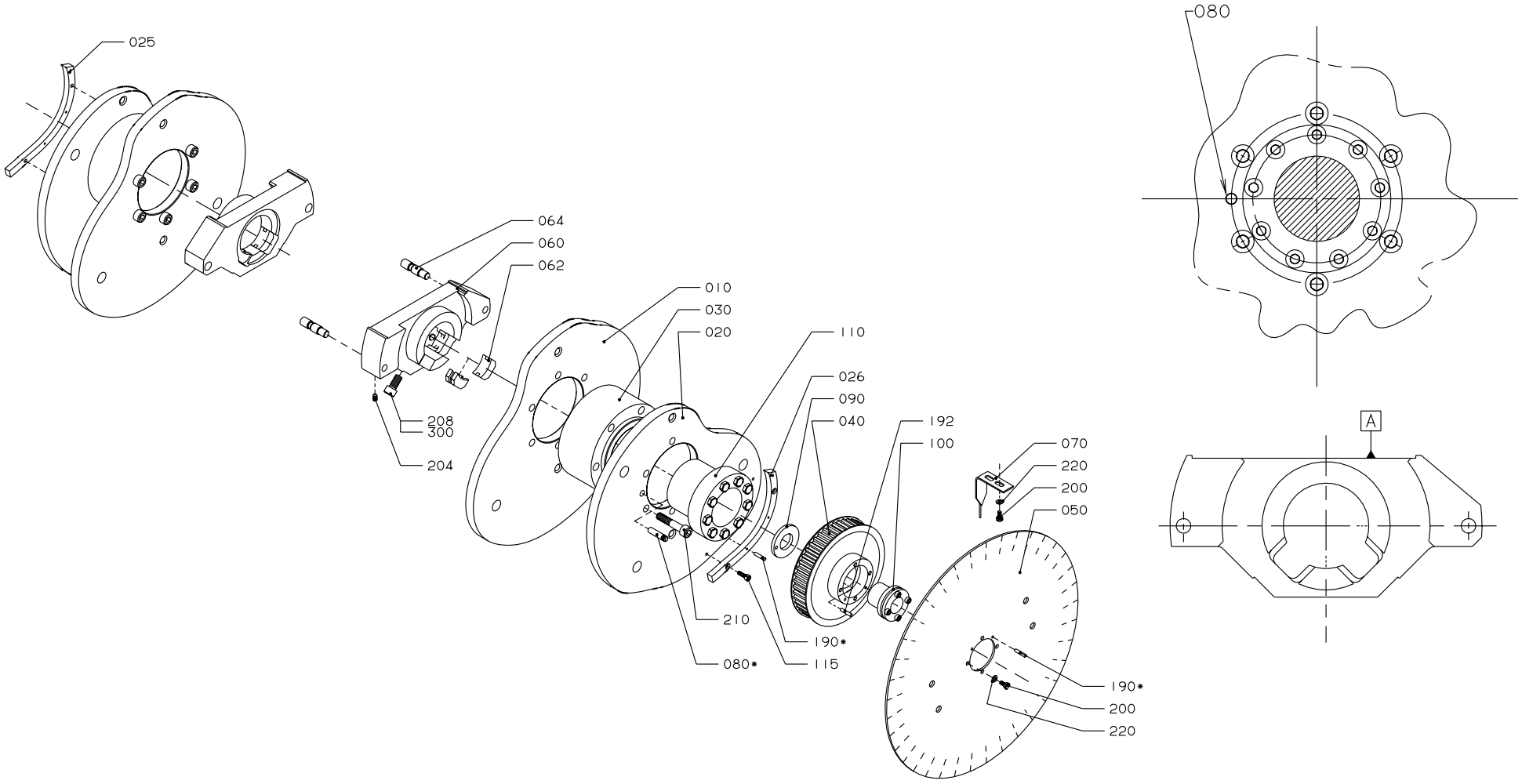
Pos	Part No	SP	UN	Qty	Description	Page No



S-256205-5
ECN 19159

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B						
010	979778-0000	D		2	YOKE CAM 100	
020	979779-0000	D		2	ARM CAM 100	
025	979780-0000	K		1	CAM SEGMENT R 100	
026	979781-0000	D		1	CAM SEGMENT L 100	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	
TBA 0160S						
010	577217-0000	D		2	YOKECAM 160ML	
020	577218-0000	D		2	ARMCAM 160ML	
025	577219-0000	K		1	CAMSEGMENT R	
026	577220-0000	K		1	CAMSEGMENT L	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	
TBA 0250S						
010	580356-0000	D		2	YOKECAM 250ML SLIM	
020	580357-0000	D		2	ARMCAM 250ML SLIM	
025	580359-0000	K		1	CAM SEGMENT R	
026	580358-0000	K		1	CAM SEGMENT L	
210	312115-0500	-		22	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		22	WASHER BRB10,5X22FZB	
TBA 0180B						
010	469369-0000	D		2	YOKECAM 180ML	
020	469370-0000	D		2	ARMCAM 180ML	
025	491918-0000	K		1	CAMSEGMENT R	
026	491919-0000	K		1	CAMSEGMENT L	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	
TBA 0236B						
010	272118-0000	D		2	YOKECAM 236ML	
020	272119-0000	D		2	ARMCAM 236ML	
025	491916-0000	K		1	CAMSEGMENT R	
026	491917-0000	K		1	CAMSEGMENT L	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	
TBA 0330S						
010	582197-0000	-		2	YOKE CAM 330S	
020	582195-0000	-		2	ARM CAM 330S	
025	582199-0000	-		1	CAM SEGMENT RIGHT	
026	582200-0000	-		1	CAM SEGMENT LEFT	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	

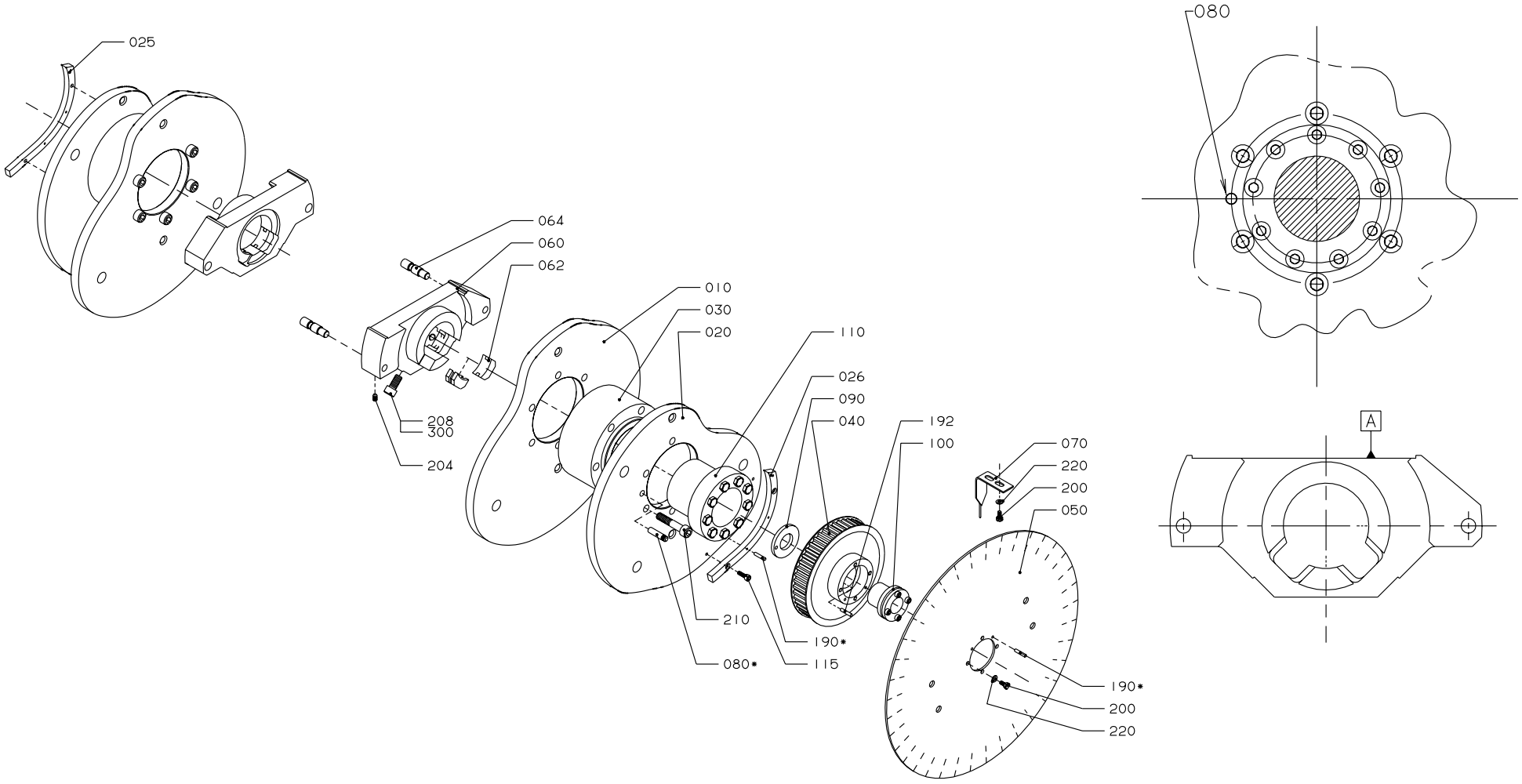
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200M						
010	1282310-0000	D		2	YOKE CAM 200ML MID	
020	1282309-0000	D		2	ARM CAM 200 ML MID	
025	1282312-0000	K		1	CAM SEGMENT R	
026	1282311-0000	K		1	CAM SEGMENT L	
210	312115-0500	-		22	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		22	WASHER BRB10,5X22FZB	
TBA 0125S						
010	978793-0000	D		2	YOKECURVE 125ML	
020	978794-0000	D		2	ARMCURVE 125ML	
025	978795-0000	K		1	CAMSEGMENT R	
026	978796-0000	K		1	CAMSEGMENT L	
192	311103-0276	-		1	PIN,STRAIGHT 4x30	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	
300	90157-0016	-		x	LOCKING FLUID	
TBA 0200S						
010	978772-0000	D		2	YOKECURVE 200SL	
020	978773-0000	D		2	ARMCURVE 200SL	
025	978774-0000	K		1	CAMSEGMENT R	
026	978775-0000	K		1	CAMSEGMENT L	
192	311103-0276	-		1	PIN,STRAIGHT 4x30	
210	312115-0500	-		22	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		22	WASHER BRB10,5X22FZB	
300	90157-0016	-		x	LOCKING FLUID	
TBA 0200B						
010	978768-0000	D		2	YOKECURVE200ML	
020	978769-0000	D		2	ARMCURVE 200ML	
025	978770-0000	K		1	CAMSEGMENTL	
026	978771-0000	K		1	CAMSEGMENTL	
192	311103-0276	-		1	PIN,STRAIGHT 4x30	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	
300	90157-0016	-		x	LOCKING FLUID	
TBA 0250B						
010	978776-0000	D		2	YOKECURVE 250ML	
020	978777-0000	D		2	ARMCURVE 250ML	
025	978778-0000	K		1	CAMSEGMENT R	
026	978779-0000	K		1	CAMSEGMENT L	
192	311103-0276	-		1	PIN,STRAIGHT 4x30	
210	312115-0500	-		24	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		24	WASHER BRB10,5X22FZB	



S-256205-5
ECN 19159

Pos	Part No	SP	UN	Qty	Description	Page No
300	90157-0016	-		x	LOCKING FLUID	
TBA 0284B or TBA 0300S						
010	581533-0000	D		2	YOKE CAM 284ML	
020	581534-0000	D		2	ARM CAM 284ML	
025	581535-0000	K		1	CAMSEGMENT R 284ML	
026	581536-0000	K		1	CAMSEGMENT L 284ML	
192	311103-0276	-		1	PIN,STRAIGHT 4x30	
210	312115-0500	-		22	SCREW MC6S ISO 4762 M10X45 A280	
230	315101-0173	-		22	WASHER BRB10,5X22FZB	
300	90157-0016	-		x	LOCKING FLUID	
Common parts						
030	456744-0000	K		2	HUB	
040	751176-0000	D		1	TOOTHED PULLY	
050	272821-0000	D		1	PROTRACTOR	
060	978609-0000	K		2	ALIGNMENT TEMPLATE	
062	752774-0000	K		4	PLUNGER	
064	978262-0000	K		2	GUIDE PIN	
070	271007-0000	D		1	POINTER	
080	295140-0000	K		4	PIN	
090	978340-0000	-		1	SPACER	
100	90208-0052	K		1	CLAMPING ELEMENT	
110	90208-0091	K		2	CLAMPING ELEMENT WITH SLEEVE 60X77	
115	90287-0145	-		4	SCREW, MC6S ISO4762, M5x16 12,9	
190	311103-0272	-		6	PIN,STRAIGHT M6 4x20	
200	312101-0325	-		6	SCREW M6S5X10FZB	
204	312318-0364	-		2	STOP SCREW SK6SS6X10RFR	
208	312115-0453	-		4	SCREW MC6S ISO 4762 M8X25 A280	
220	315101-0146	-		6	WASHER BRB 5,3x10 FZB	

Pos	Part No	SP	UN	Qty	Description	Page No

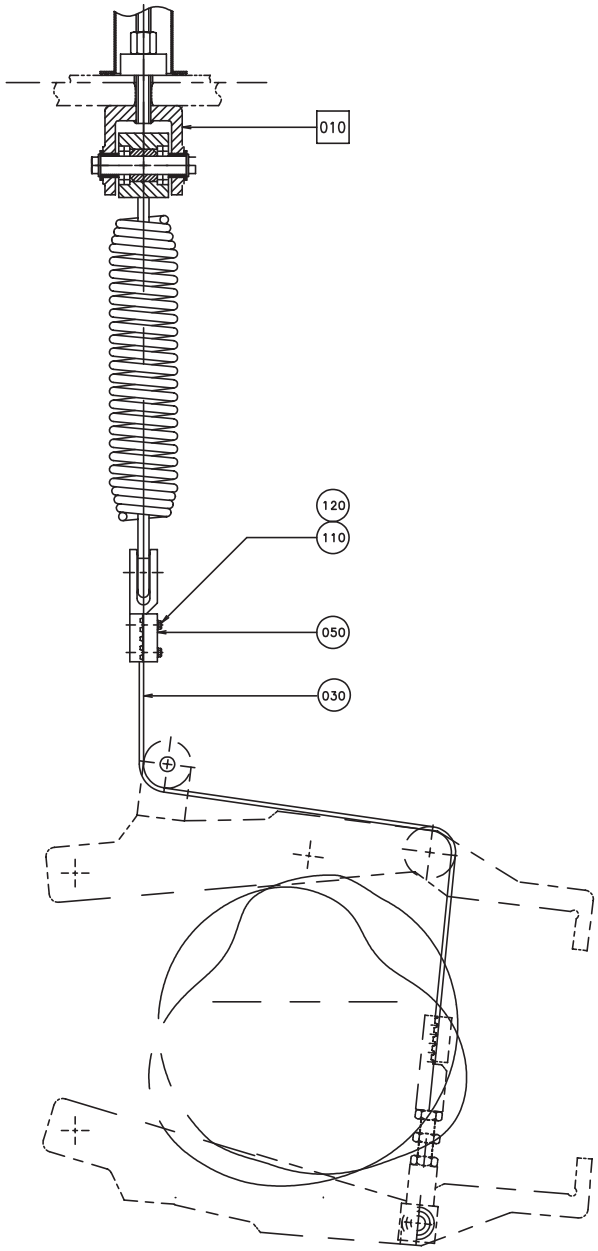


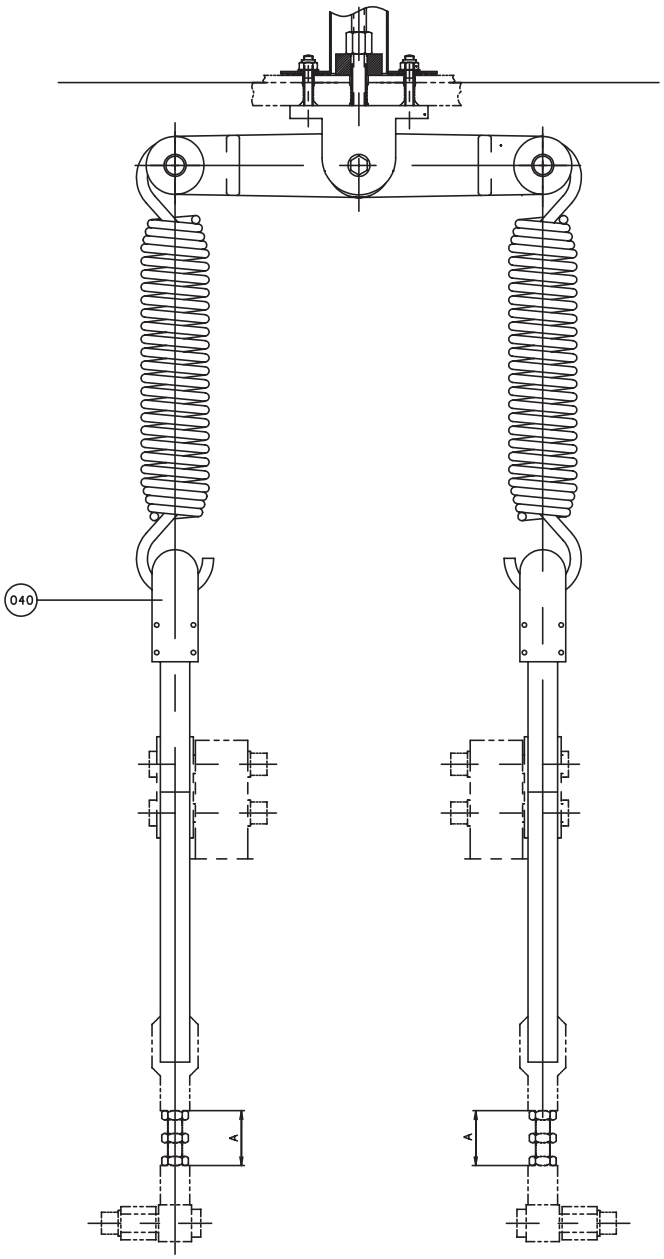
S-256205-5
ECN 19159

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
03	929396-0000	V		2	HUB	
05	256653-0000	-		2	SPACER	
06	90208-0091	V		2	CLAMPING ELEMENT WITH SLEEVE 60X77	
07	751176-0000	R		1	TOOTHED PULLY	
08	978340-0000	-		1	SPACER	
09	90208-0052	V		1	CLAMPING ELEMENT	
10	272821-0000	X		1	PROTRACTOR	
11	271007-0000	X		1	POINTER	
12	315101-0146	-		6	WASHER BRB 5,3x10 FZB	
13	312101-0325	-		6	SCREW M6S5X10FZB	
15	311103-0272	-		6	PIN,STRAIGHT M6 4x20	
16	312115-0329	-		4	SCREW MC6S ISO 4762 M5x16 A280	
17	312115-0500	-		20	SCREW MC6S ISO 4762 M10X45 A280	
18	295140-0000	V		4	PIN	
19	929443-0000	-		1	BRACKET	
20	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
21	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
22	90044-0124	-		1	PROX.SWITCH 922AB2XM-A9P-050-LZ-876Hwell	
23	929444-0000	-		1	PIN	
24	90165-0005	-		5	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 6	
25	315105-0136	-		5	WASHER,PLAIN ROUND 4,3x8 Stainless	
26	312125-0287	-		5	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
27	929445-0000	-		2	PIN	

Pos	Part No	SP	UN	Qty	Description	Page No

HOLD-DOWN DEVICE



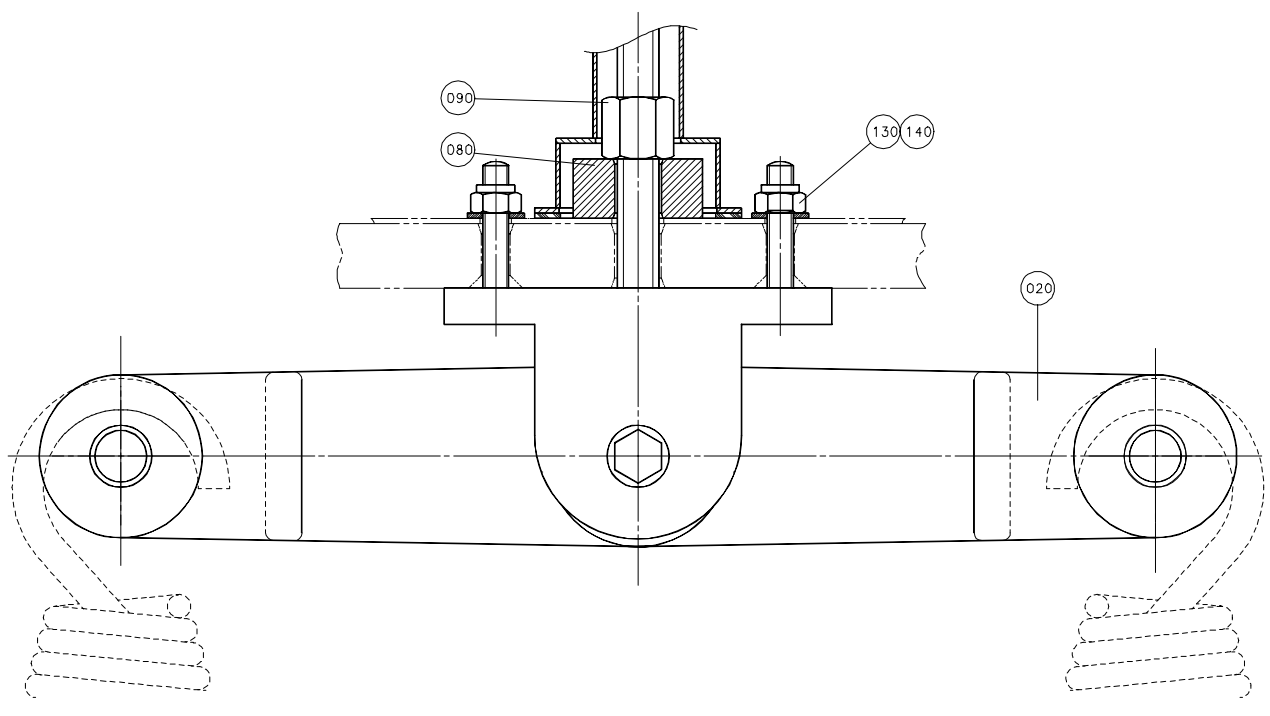


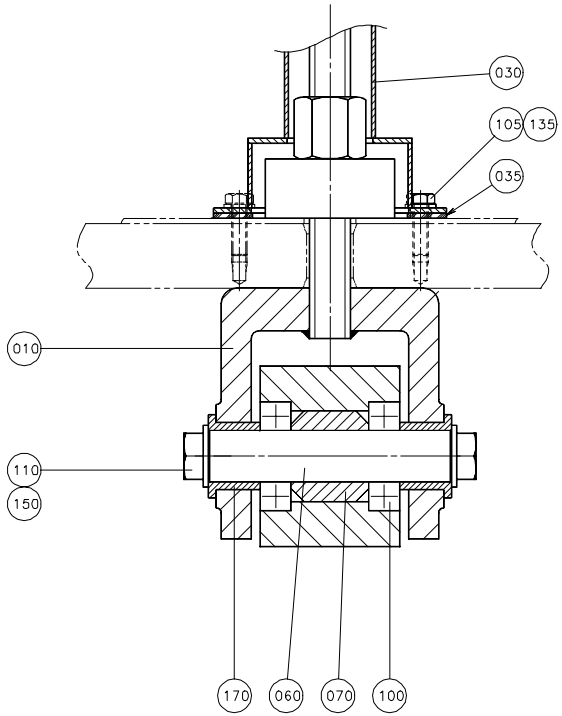
S-572760-1
ECN 70756

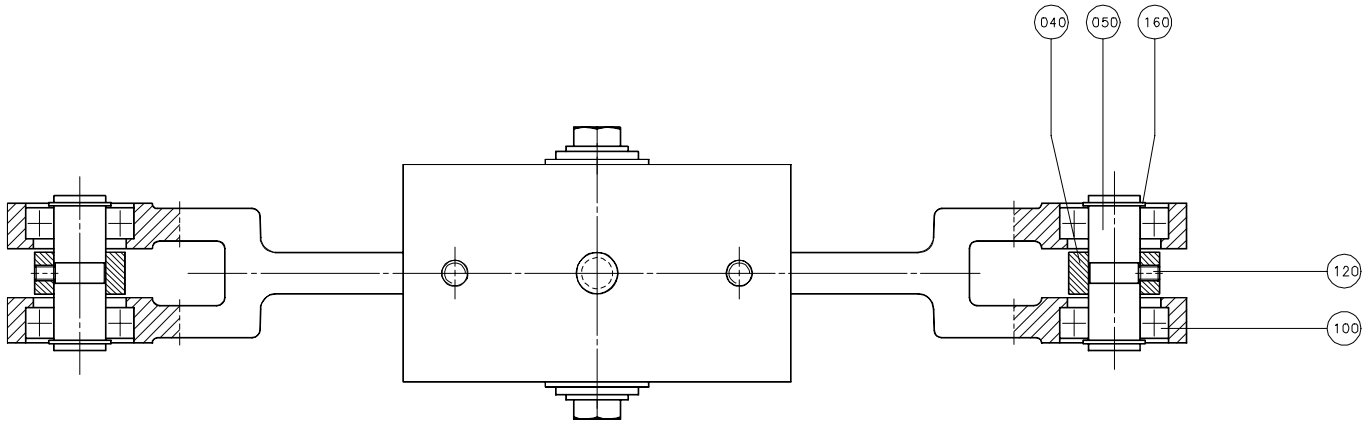
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F010	A 572750-0200	-		1	ROCKER ARM	**278**
040	272608-0000	D		2	BELT HOLDER	
050	256516-0000	-		2	CAP	
060	441353-0000	K		2	TENSION SPRING	
110	312101-0333	-		8	SCREW M6S5X25FZB	
120	315101-0146	-		8	WASHER BRB 5,3x10 FZB	
TBA 0100B IH or TBA 0125S IH or TBA 0160S IH or TBA 0180B IH or TBA 0200B IH or TBA 0236B IH						
030	566404-0001	K		2	TIMING BELT	
TBA 0200S IH or TBA 0250B IH or TBA 0284B IH or TBA 0300S IH						
030	566404-0002	K		2	TIMING BELT	
TBA 0200M IH or TBA 0250S IH						
030	566404-0003	K		2	TIMING BELT	
TBA 0330S IH						
030	566404-0005	K		2	TIMING BELT	

Pos	Part No	SP	UN	Qty	Description	Page No

ROCKER ARM

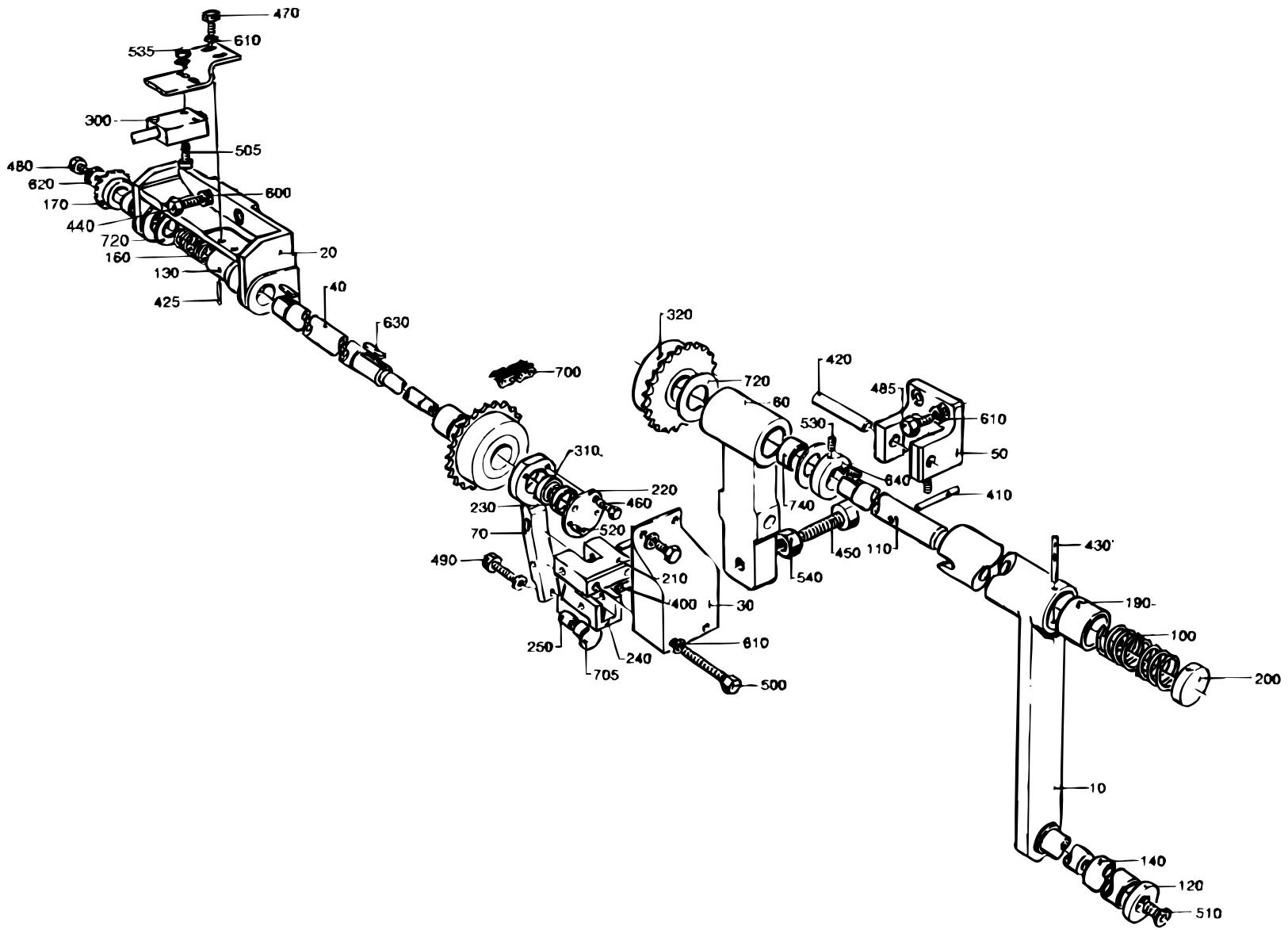

090
080
130
140
020


030
105
135
035
010
110
150
170
060
070
100


040
050
160
120
100

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	572751-0000	-		1	BRACKET	
020	572752-0000	-		1	ROCKER ARM	
030	579623-0000	D		1	PROTECTIVE CASING	
035	579624-0000	D		1	GASKET	
040	572753-0000	-		2	SPRING BRACKET	
050	572754-0000	-		2	SHAFT	
060	572755-0000	-		1	SHAFT	
070	572756-0000	-		1	SPACER	
080	978207-0000	-		1	SPACER PIPE	
090	978209-0000	-		1	NUT	
100	90214-0170	K		6	BALL BEARING,STAINLESS 20X42X12	
105	312105-0370	K		2	SCREW M6S ISO 4017 M6x20 A280	
110	312105-0532	K		2	SCREW M6S ISO 4017 M12X20 A280	
120	312318-0362	K		2	SET SCREW CUP POINT ISO 4029 M6x8 RFR	
130	312812-0320	K		2	LOCK-NUT,HEXAGON,WITH NYLON INSERT,M10	
135	315105-0153	K		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
140	315105-0173	K		2	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
150	315115-0178	K		2	WASHER TBRB 13x24 Stainless	
160	315751-0116	K		4	RETAINING RINGS FOR SHAFT 20	
170	321111-0304	K		2	BEARING BUSHING WITH FLANGE, 20/26X20	

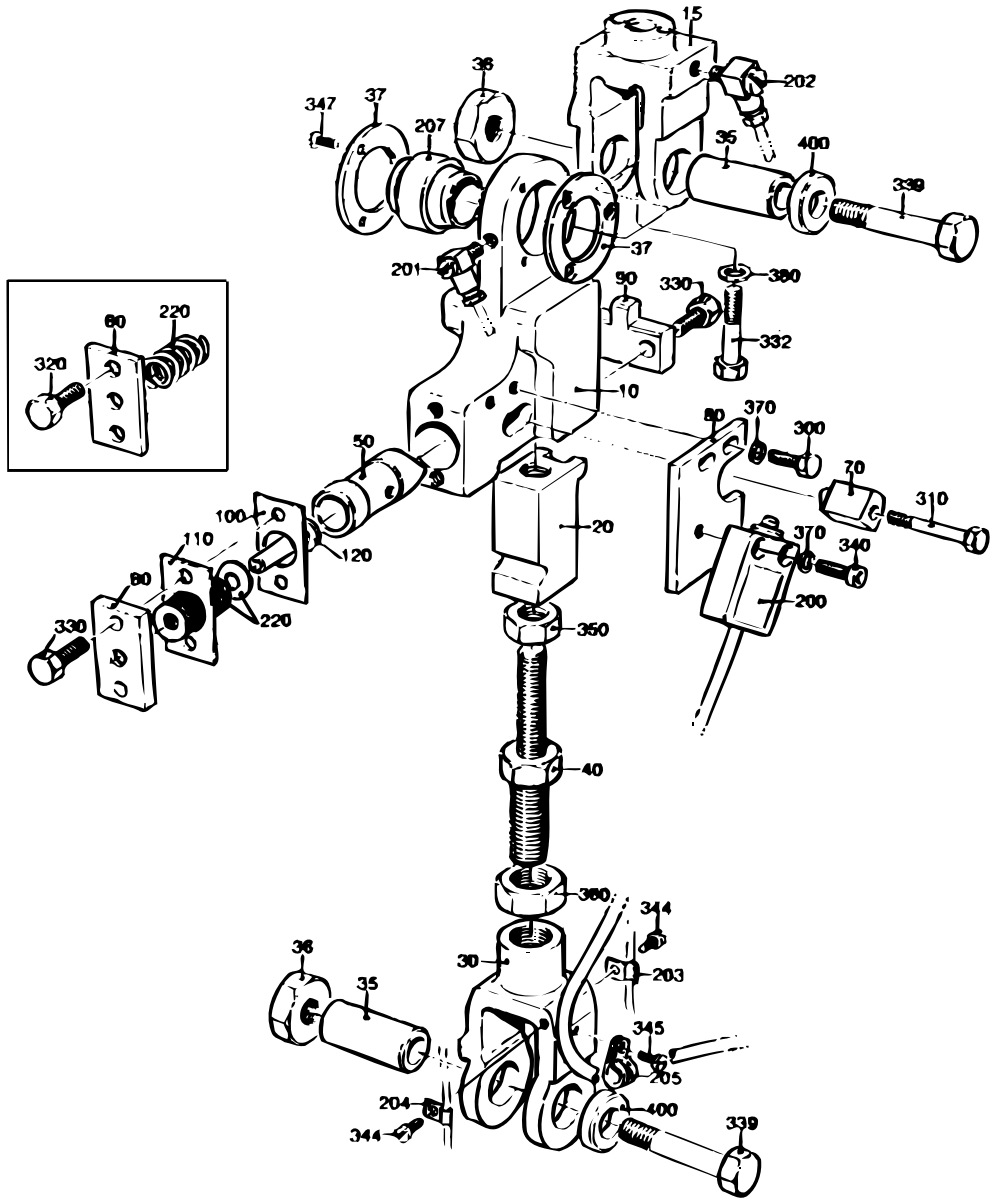
Pos	Part No	SP	UN	Qty	Description	Page No



S-256806-5
ECN 07499

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	257326-0000	D		1	CRANK	
020	272664-0000	D		1	CANTILEVER	
030	272690-0000	-		1	COVER	
040	456343-0000	K		1	SHAFT	
050	272736-0000	D		1	CANTILEVER	
060	272737-0000	D		1	BRACKET	
070	272772-0000	D		1	ARM	
100	12228-0000	K		1	COMPRESSION SPRING	
110	256812-0000	K		1	SHAFT	
120	256814-0000	-		1	WASHER	
130	456344-0000	-		1	SLEEVE	
140	256816-0000	-		1	PIPE	
150	456345-0000	-		1	BRACKET	
160	256828-0000	K		1	SPRING	
170	257179-0000	K		1	GEAR WHEEL	
190	257327-0000	K		1	SLIDER	
200	257328-0000	K		1	END PIECE	
210	272691-0000	K		1	BRACKET	
220	272692-0000	K		1	LID	
230	272693-0000	K		1	RING	
240	272694-0000	-		1	BARRIER	
250	295773-0000	-		1	SPACER	
300	90044-0084	K		1	LIMITSWITCH HONEYWELL 14CE1-4	
310	90240-0093	K		1	PLAIN BEARING,SELF ADJUST.SPER. 10X26X12	
320	90344-0022	K		2	SPROCKET	
400	311103-0355	-		2	PIN,STRAIGHT 6x25	
410	311103-0361	-		1	PIN,STRAIGHT 6x40 Stainless	
420	311103-0470	-		1	PINS,STRAIGHT 10X60	
425	311305-0274	-		1	SLOTTED PIRPC4X25FZB	
430	311307-0275	-		1	SLOTTED PIRPD4X28FZB	
440	312101-0453	-		4	SCREW M6S 8x25 FZB	
450	312104-0499	-		1	SCREW M6S10X40H8.8FZB	
460	312105-0293	-		3	SCREW M6S ISO 4017 M4X16 A280	
470	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
480	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
485	312105-0370	-		3	SCREW M6S ISO 4017 M6x20 A280	
490	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
500	312105-0382	-		2	SCREW M6S ISO 4014 M6x60 A280	
505	312115-0331	-		2	SCREW MC6S ISO 4762 M5X20 A280	
510	312151-0366	-		1	SCREW MF6S6X12FZB	
520	312318-0287	-		2	SET SCREW CUP POINT ISO 4029 M4X8 RFR	
530	312318-0362	-		3	SET SCREW CUP POINT ISO 4029 M6x8 RFR	
535	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
540	312605-0320	-		1	NUT,HEXAGON,M10 A280	
600	315101-0165	-		4	WASHER BRB 8,4x16 FZB	
605	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
610	315105-0153	-		10	WASHER,PLAIN ROUND 6,4x12 Stainless	
620	315121-0153	-		1	WASHER TBRSB 6,4x22 FZB	
630	315701-0232	-		3	KEYS,PARALLEL WITH ROUND ENDS 6X6X20	
640	315742-0116	-		1	RETAINING RINGS 20	
700	318201-0150	K		1	ROLLER CHAIN SINGLE 3/8"-150	
705	90051-0082	-		1	HANDLES,KNOB,CIRCUL,THREAD.BUSH,M625X21	
710	321120-0138	K		4	BEARING BUSHING WITHOUT FLANGE,20/23X20	
720	321129-0131	K		4	THRUST WASHER 20/36X1,5	

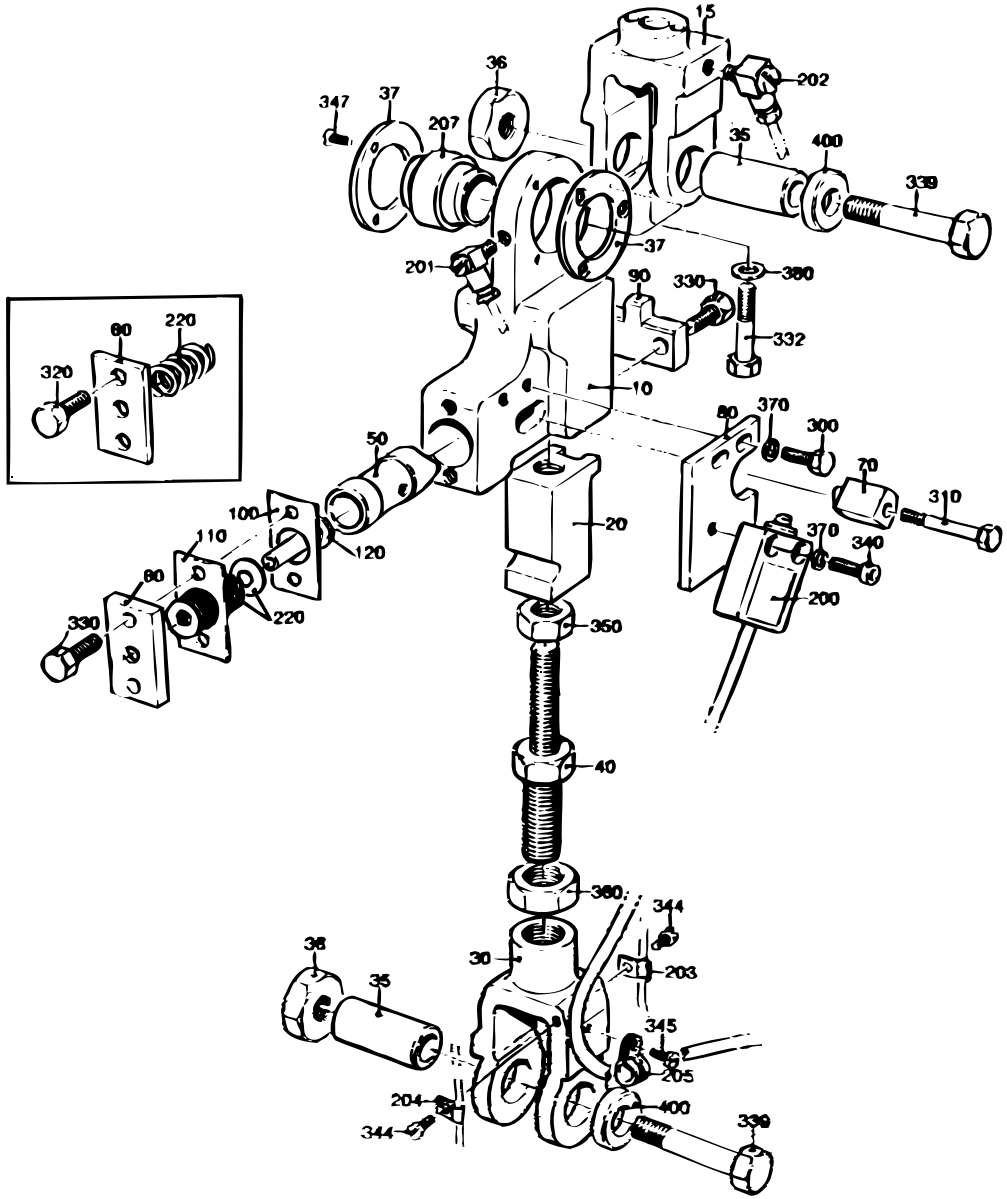
DISCONNECTION LINK RIGHT



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	491194-0000	D		1	LINK HEAD	
015	272472-0000	-		1	END PIECE	
020	491195-0000	K		1	SLIDER	
030	491196-0000	K		1	FORKED LINK	
035	257309-0000	K		2	SHAFT	
036	257310-0000	K		2	NUT	
037	257311-0000	K		2	CAP	
040	751659-0000	K		1	ADJUSTING SCREW	
050	491198-0000	K		1	PISTON	
060	752677-0000	-		1	BACK PIECE	
070	491200-0000	K		1	CARRIER	
080	491456-0000	-		1	PLATE	
090	491375-0000	-		1	CROSS PIECE	
100	752674-0001	K		1	SHIM	
110	752674-0006	K		1	SHIM	
120	752685-0000	-		1	GUIDE PIN	
200	90044-0123	K		1	LIMIT SWITCH 14CE1-4L1X Honeywell	
201	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
202	90134-0068	-		1	BANJO CONNECTION	
203	90165-0002	-		1	CLIP	
204	90165-0022	-		1	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
205	90165-0039	-		1	CLIP	
207	90240-0050	-		1	PLAIN BEARING,SELF ADJUST.SPER. 20X35X24	
210	90296-0012	-	KG	x	LUBRICANT	
220	90016-0056	K		42	SPRINGS,Disk spring, 15x 8,2, DIN 2093	
300	312101-0329	-		2	SCREW M6S5X16FZB	
310	312101-0337	-		1	SCREW M6S5X35FZB	
330	312101-0371	-		4	SCREW M6S 6x22 FZB	
332	312101-0376	-		2	SCREW M6S 6x35 FZB	
339	312101-0502	-		2	SCREW M6S10X55FZB	
340	312111-0329	-		2	SCREW MC6S5X16FZB	
344	312121-0287	-		2	SLOTTED HEAD SCREW MCS 4x8 FZB	
345	312121-0289	-		1	SLOTTED HEAD SCREW MCS 4x10 D60	
347	312151-0287	-		6	SCREW MF6S4X8FZB	
350	312621-0322	-		1	NUT ML6M12FZB	
360	312621-0324	-		1	NUT ML6M16FZB	
370	315101-0146	-		4	WASHER BRB 5,3x10 FZB	
380	315101-0153	-		2	WASHER BRB 6,4x12 FZB	
400	315121-0173	-		2	WASHER BRSB10,5X28FZB	

Pos	Part No	SP	UN	Qty	Description	Page No

DISCONNECTION LINK LEFT



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	491194-0000	D		1	LINK HEAD	
015	272472-0000	-		1	END PIECE	
020	491195-0000	K		1	SLIDER	
030	491196-0000	K		1	FORKED LINK	
035	257309-0000	K		2	SHAFT	
036	257310-0000	K		2	NUT	
037	257311-0000	K		2	CAP	
040	751659-0000	K		1	ADJUSTING SCREW	
050	491198-0000	K		1	PISTON	
060	752677-0000	-		1	BACK PIECE	
070	491200-0000	K		1	CARRIER	
080	491456-0000	-		1	PLATE	
090	491375-0000	-		1	CROSS PIECE	
100	752674-0001	K		1	SHIM	
110	752674-0006	K		1	SHIM	
120	752685-0000	-		1	GUIDE PIN	
200	90044-0123	K		1	LIMIT SWITCH 14CE1-4L1X Honeywell	
201	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
202	90134-0068	-		1	BANJO CONNECTION	
203	90165-0002	-		1	CLIP	
204	90165-0022	-		1	PIPE-CLIPS,FOR SINGLE PIPE,ONE SIDE 2,5	
205	90165-0039	-		1	CLIP	
207	90240-0050	-		1	PLAIN BEARING,SELF ADJUST.SPER. 20X35X24	
210	90296-0012	-	KG	x	LUBRICANT	
220	90016-0056	K		42	SPRINGS,Disk spring, 15x 8,2, DIN 2093	
300	312101-0329	-		2	SCREW M6S5X16FZB	
310	312101-0337	-		1	SCREW M6S5X35FZB	
330	312101-0371	-		4	SCREW M6S 6x22 FZB	
332	312101-0376	-		2	SCREW M6S 6x35 FZB	
339	312101-0502	-		2	SCREW M6S10X55FZB	
340	312111-0329	-		2	SCREW MC6S5X16FZB	
344	312121-0287	-		2	SLOTTED HEAD SCREW MCS 4x8 FZB	
345	312121-0289	-		1	SLOTTED HEAD SCREW MCS 4x10 D60	
347	312151-0287	-		6	SCREW MF6S4X8FZB	
350	312621-0322	-		1	NUT ML6M12FZB	
360	312621-0324	-		1	NUT ML6M16FZB	
370	315101-0146	-		4	WASHER BRB 5,3x10 FZB	
380	315101-0153	-		2	WASHER BRB 6,4x12 FZB	
400	315121-0173	-		2	WASHER BRSB10,5X28FZB	

Pos	Part No	SP	UN	Qty	Description	Page No

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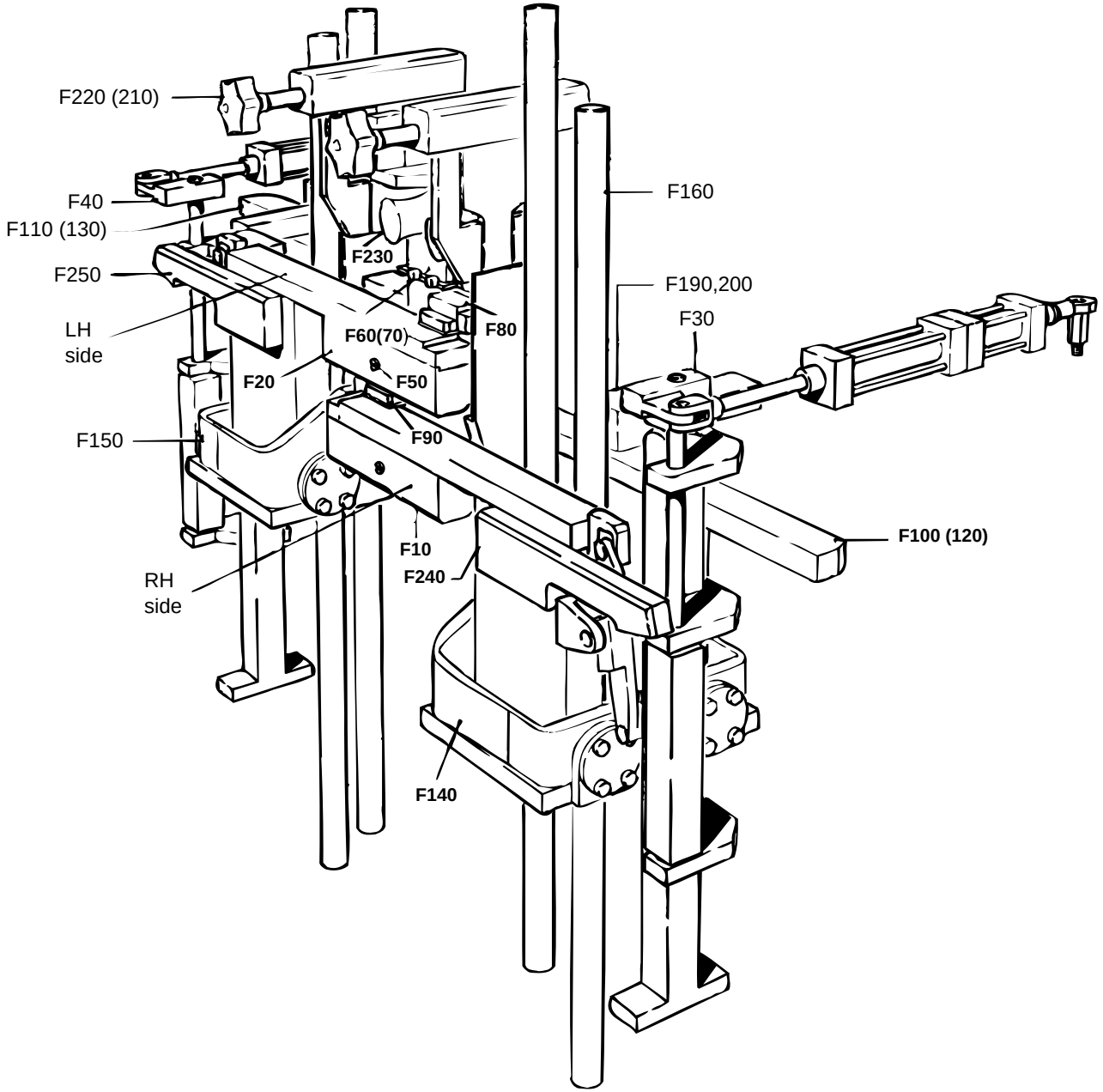
Pos	Part No	SP	UN	Qty	Description	Page No
90056-0072						
	90056-0521	K		1	PLASTIC BAG	
	90091-0239	K		2	SEAL RING	
	90214-0150	K		1	BEARINGS,BALL BEARING,ANGULAR	
	90214-0151	K		2	BEARINGS,ROLLER BEARING	
	315221-0190	K		2	SEAL RING CB42X72X8	
	321306-0110	K		1	BALL BEARING 50X80X16	
90355-0088						
	90214-0113	-		1	BEARINGS,BALL BEARING	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC

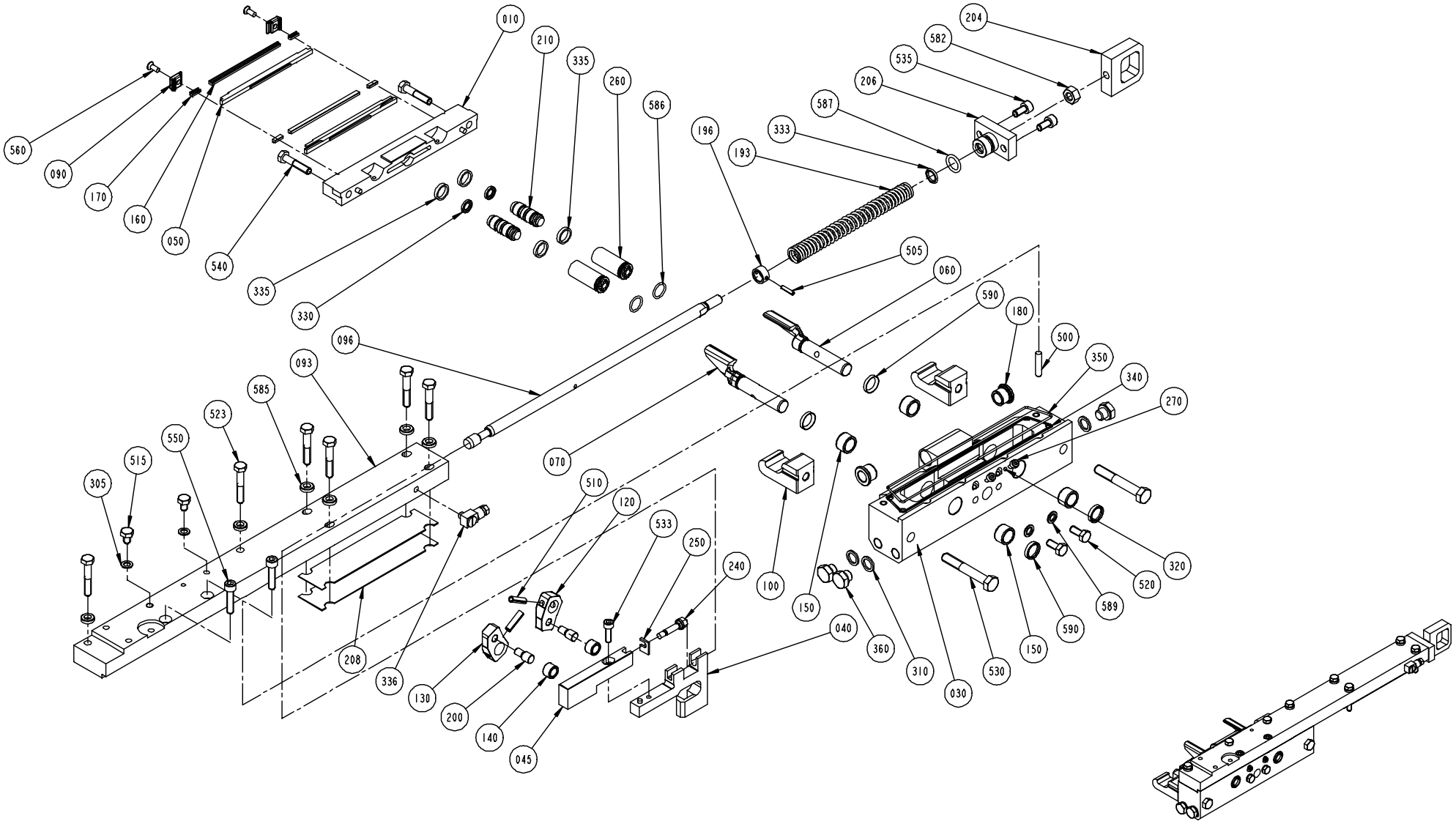
Spare Parts Catalogue


F220 (210)
F40
F110 (130)
F250
LH
side
F150
RH
side
F160
F190,200
F30
F230
F60(70)
F80
F20
F50
F90
F10
F240
F140
F100 (120)

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 256204-0600	-		1	CUTTING JAW	**292**
F020	A 256205-0600	-		1	CUTTING JAW	**296**
F030	A 256206-0300	-		1	DESIGN CORRECTION DEVICE	**300**
F040	A 256207-0300	-		1	DESIGN CORRECTION DEVICE	**304**
F050	A 256208-0400	-		2	KNIFE HOLDER	**308**
F060	A 256209-0400	-		2	VOLUME FLAP	**314**
F070	A 256210-0400	-		2	VOLUME FLAP	**318**
F080	A 752671-0100	-		2	SHOCK ABSORBER	**320**
F090	A 752672-0100	-		2	SHOCK ABSORBER	**322**
F100	A 256212-0600	-		1	PRESSURE JAW	**324**
F110	A 256213-0600	-		1	PRESSURE JAW	**326**
F120	A 256214-0400	F		2	PRESSURE RAIL	**328**
F140	A 256951-0500	-		1	YOKE	**332**
F150	A 256952-0500	-		1	YOKE	**334**
F160	A 256217-0500	-		1	GUIDE	**336**
F190	A 572642-0100	-		1	TRANSFER	**338**
F200	A 572643-0100	-		1	TRANSFER	**340**
F220	A 256222-0300	-		1	VOLUM CURVE PIECE	**342**
F230	A 256223-0400	-		1	SUPPORT ROLLER	**344**
F240	A 257381-0300	-		1	MANIFOLD	**346**
F250	A 257382-0300	-		1	MANIFOLD	**348**
F300	A 295523-0400	-		1	START-UP KIT	**350**

Pos	Part No	SP	UN	Qty	Description	Page No

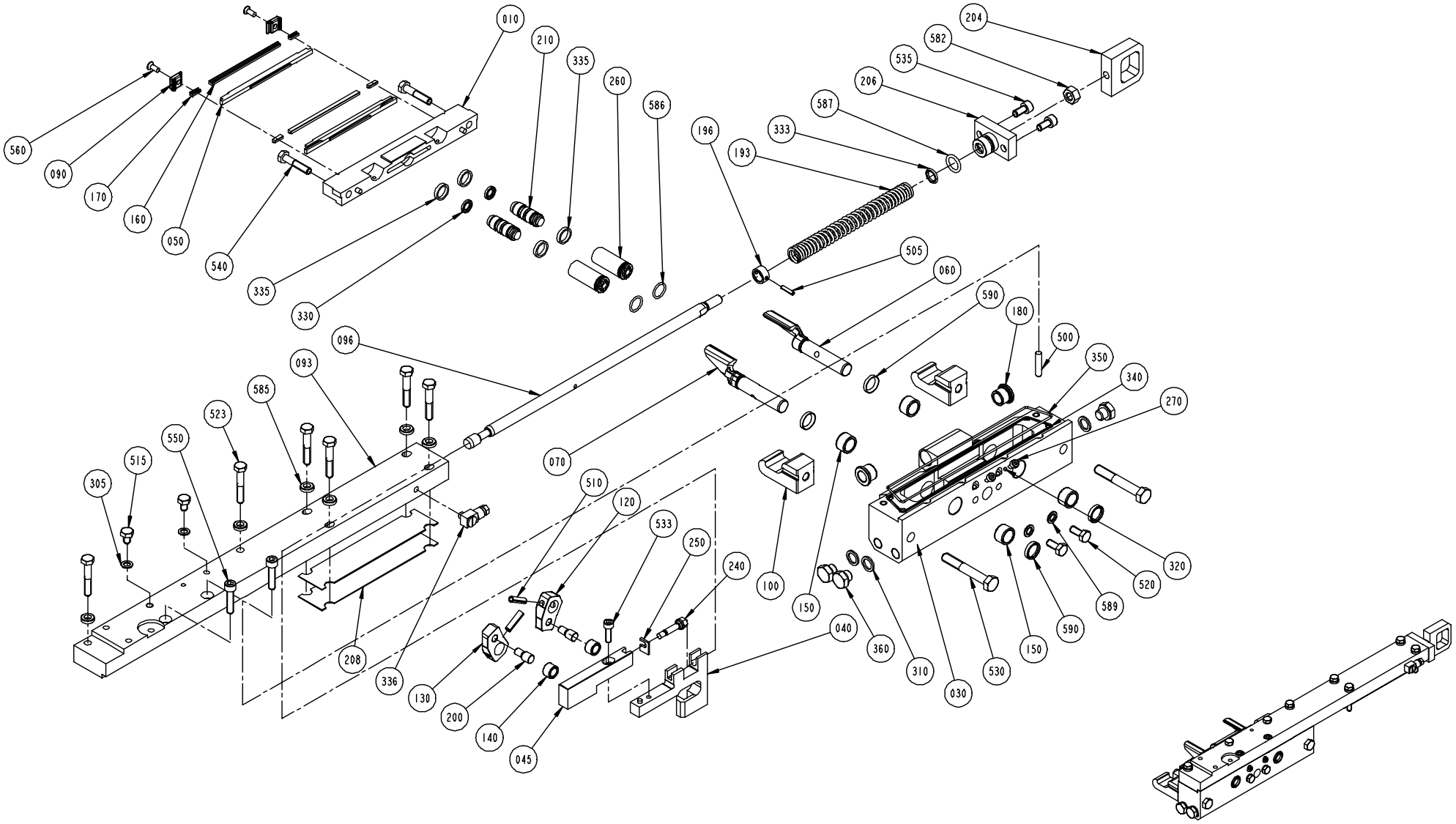
CUTTING JAW



S - 256204-20
ECN 72794

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
096	256659-0000	K		1	OPERATING ROD	
100	978745-0000	K		2	CATCH	
140	22463-0000	K		2	ROLL	
150	33408-0000	K		4	BEARING	
180	255653-0000	K		2	FLANGE BUSHING	
193	255742-0000	F		1	COMPRESSION SPRING	
196	255801-0000	K		1	RETAINING RING	
200	256607-0000	K		2	AXLE PIN	
204	256626-0000	K		1	EAR	
206	256706-0000	K		1	BEARING PLATE	
208	257362-0000	K		2	LACE	
210	752115-0000	K		2	PLUNGER	
240	751579-0000	K		1	ADJUSTING SCREW	
250	751580-0000	K		1	SHIM	
260	752288-0000	K		2	SLEEVE	
270	752476-0000	K		2	SCREW	
305	315237-0106	-		2	GASKET	
310	315237-0109	F		3	PLAIN ROUND,ALUMINIUM R1/8"	
320	90090-0005	F		2	STEEL-BALL SKF RB 3/111	
330	90091-0216	F		2	SEALING RING	
333	90091-0091	F		1	SEALING RINGS,TYPE "GLYD-RING" 10/14X1,7	
335	90091-0169	F		4	GUIDE RING	
336	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
340	90153-0015	-	ML	x	ADHESIVE Loctite IS 496/CYANOLIT 303	
350	90242-0093	F	MM	450	O-RING	
360	90330-0066	-		3	PLUG,EXTERNAL G-THREAD G1/8"	
500	311103-0312	-		1	PINS,STRAIGHT 5X25	
505	311111-0207	K		1	SLOTTED TUFRP3X14	
510	311111-0308	K		2	SLOTTED TUFRP5X20	
515	312105-0362	-		2	SCREW M6S ISO 4017 M6x8 A280	
520	312105-0367	-		2	SCREW M6S 6x14 A2 80	
523	312105-0376	-		6	SCREW M6S ISO 4017 M6x35 A280	
530	312105-0462	-		2	SCREW M6S ISO 4014 M8x55 A280	
533	312115-0329	-		1	SCREW MC6S ISO 4762 M5x16 A280	
535	312115-0366	-		2	SCREW MC6S ISO 4762 M6X12 A280	
582	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
586	315202-0110	K		2	O-RING 12,1x1,6	
587	315202-0265	K		1	O-RING 12,3x2,4	
589	315211-0103	F		2	GASKETS,BOLT HEAD M6	
590	315230-0157	F		4	SEAL RING 12x16x3	
TBA 0100B or TBA 0125S						
010	256487-0000	K		1	CUTTING JAW	
030	1282422-0000	K		1	BEARING HOUSING	
040	752014-0000	K		1	RULERPART R	
045	752015-0000	K		1	RULERPART R	
050	566661-0000	F		2	CUTTING RAIL	
060	272420-0000	K		1	FOLDING FLAP	
070	272421-0000	K		1	FOLDING FLAP	
090	272427-0000	K		2	BRACKET	
093	979762-0000	K		1	CARRIER RIGHT 100	
120	272417-0000	K		1	CARRIER	
130	272416-0000	K		1	CARRIER	
160	978454-0000	-		2	DOLLY	
170	978455-0000	F		4	END PIECE	
540	312105-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
550	312115-0372	-		2	SCREW MC6S ISO 4762 M6x25 A280	
560	312145-0289	-		2	SLOTTED HEMFS4X10RFR	
585	315115-0153	-		6	WASHER TBRB 6,4x12 Stainless	
TBA 0160S or TBA 0200S						
010	441727-0000	K		1	CUTTING JAW	
030	1282424-0000	K		1	BEARING HOUSING	
040	752009-0000	K		1	RULERPART R	
045	752010-0000	K		1	RULERPART R	
050	1110820-0000	F		2	CUTTING RAIL	
060	272424-0000	K		1	FOLDING FLAP	
070	272425-0000	K		1	FOLDING FLAP	
090	1348053-0000	K		2	BRACKET	
093	978715-0000	K		1	CARRIER RIGHT	
120	272419-0000	-		1	CARRIER	
130	272419-0000	K		1	CARRIER	
160	1110375-0003	-		2	DOLLY	
540	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
550	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
560	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
585	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
TBA 0200M or TBA 0250S						
010	574386-0000	K		1	CUTTING JAW	
030	1282425-0000	K		1	BEARING HOUSE 250S	
040	574369-0000	K		1	CARRIER RULER RIGHT	
045	574370-0000	K		1	CARRIER RULER RIGHT	
050	1110820-0000	F		2	CUTTING RAIL	
060	272424-0000	K		1	FOLDING FLAP	
070	272425-0000	K		1	FOLDING FLAP	
090	1348053-0000	K		2	BRACKET	
093	978715-0000	K		1	CARRIER RIGHT	

CUTTING JAW

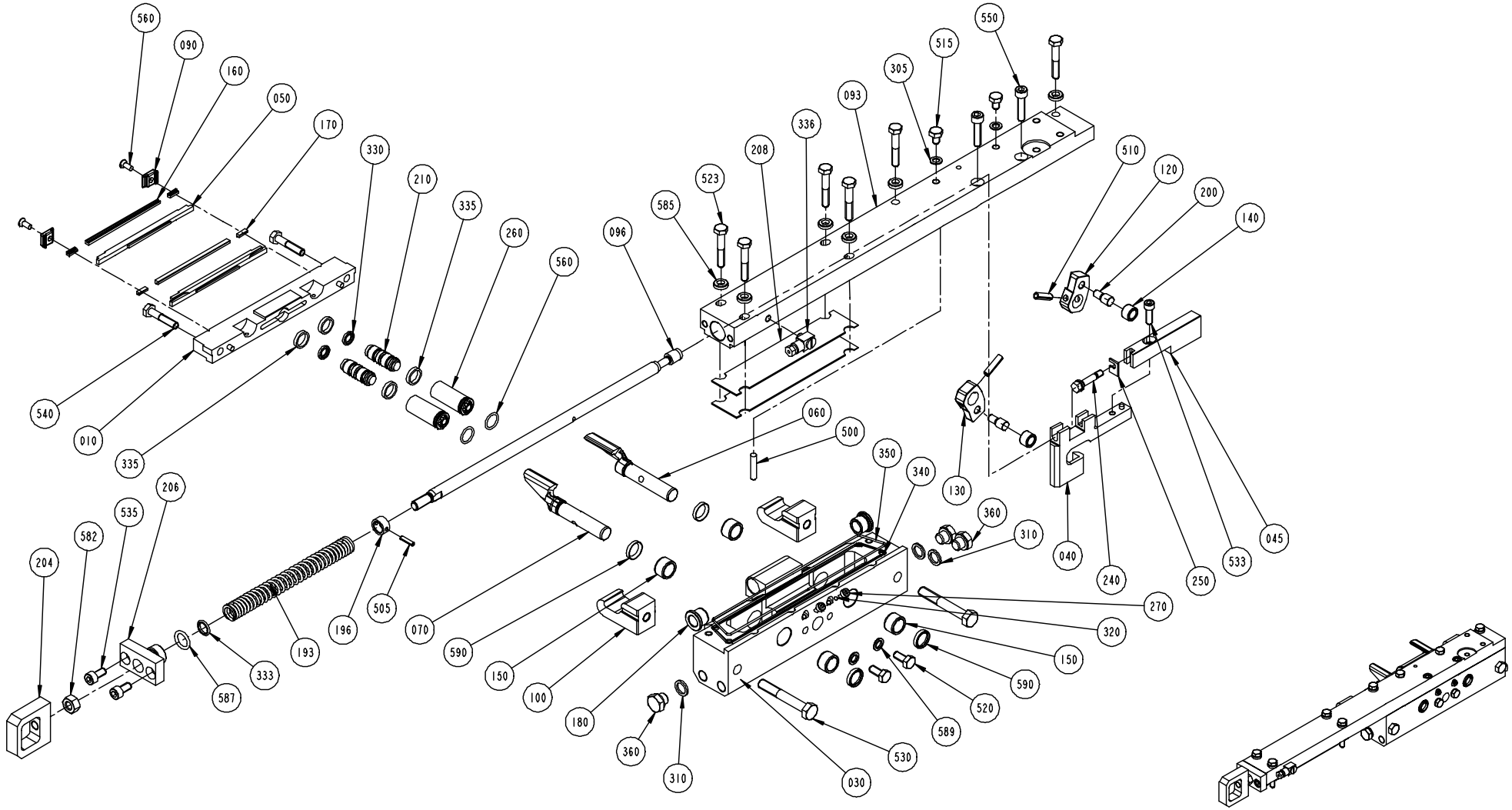


S - 256204-20
ECN 72794

Pos	Part No	SP	UN	Qty	Description	Page No
120	272419-0000	-		1	CARRIER	
130	272419-0000	K		1	CARRIER	
160	1110375-0003	-		2	DOLLY	
540	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
550	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
560	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
585	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	256769-0000	K		1	CUTTING JAW	
030	1282423-0000	K		1	BEARING HOUSING	
040	751575-0000	K		1	RULERPART R	
045	751577-0000	K		1	RULERPART R	
050	1110820-0000	F		2	CUTTING RAIL	
060	272422-0000	K		1	FOLDING FLAP	
070	272423-0000	K		1	FOLDING FLAP	
090	1348053-0000	K		2	BRACKET	
093	978715-0000	K		1	CARRIER RIGHT	
120	272419-0000	-		1	CARRIER	
130	272419-0000	K		1	CARRIER	
160	1110375-0003	-		2	DOLLY	
540	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
550	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
560	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
585	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

CUTTING JAW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505
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360
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030
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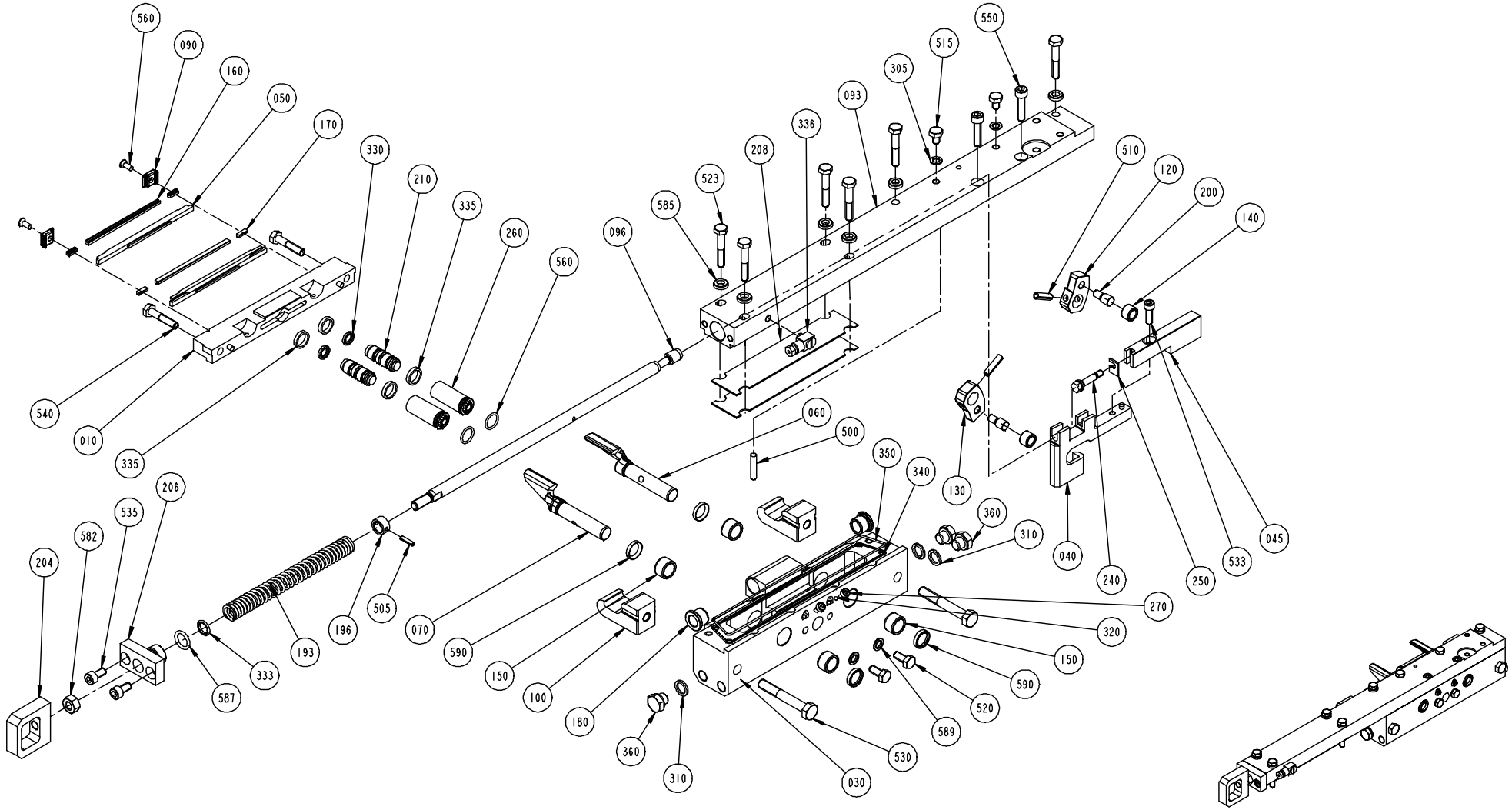
589
520
590
150
320
270

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
096	256659-0000	K		1	OPERATING ROD	
100	978745-0000	K		2	CATCH	
140	22463-0000	K		2	ROLL	
150	33408-0000	K		4	BEARING	
180	255653-0000	K		2	FLANGE BUSHING	
193	255742-0000	F		1	COMPRESSION SPRING	
196	255801-0000	K		1	RETAINING RING	
200	256607-0000	K		2	AXLE PIN	
204	256626-0000	K		1	EAR	
206	256706-0000	K		1	BEARING PLATE	
208	257362-0000	K		2	LACE	
210	752115-0000	K		2	PLUNGER	
240	751579-0000	K		1	ADJUSTING SCREW	
250	751580-0000	K		1	SHIM	
260	752288-0000	K		2	SLEEVE	
270	752476-0000	K		2	SCREW	
305	315237-0106	-		2	GASKET	
310	315237-0109	F		3	PLAIN ROUND,ALUMINIUM R1/8"	
320	90090-0005	F		2	STEEL-BALL SKF RB 3/111	
330	90091-0216	F		2	SEALING RING	
333	90091-0091	F		1	SEALING RINGS,TYPE "GLYD-RING" 10/14X1,7	
335	90091-0169	F		4	GUIDE RING	
336	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
340	90153-0015	-	ML	x	ADHESIVE Loctite IS 496/CYANOLIT 303	
350	90242-0093	F	MM	450	O-RING	
360	90330-0066	-		3	PLUG,EXTERNAL G-THREAD G1/8"	
500	311103-0312	-		1	PINS,STRAIGHT 5X25	
505	311111-0207	K		1	SLOTTED TUFRP3X14	
510	311111-0308	K		2	SLOTTED TUFRP5X20	
515	312105-0362	-		2	SCREW M6S ISO 4017 M6x8 A280	
520	312105-0367	-		2	SCREW M6S 6x14 A2 80	
523	312105-0376	-		6	SCREW M6S ISO 4017 M6x35 A280	
530	312105-0462	-		2	SCREW M6S ISO 4014 M8x55 A280	
533	312115-0329	-		1	SCREW MC6S ISO 4762 M5x16 A280	
535	312115-0366	-		2	SCREW MC6S ISO 4762 M6X12 A280	
582	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
586	315202-0110	K		2	O-RING 12,1x1,6	
587	315202-0265	K		1	O-RING 12,3x2,4	
589	315211-0103	F		2	GASKETS,BOLT HEAD M6	
590	315230-0157	F		4	SEAL RING 12x16x3	
TBA 0100B or TBA 0125S						
010	256487-0000	K		1	CUTTING JAW	
030	1282422-0000	K		1	BEARING HOUSING	
040	752016-0000	K		1	RULERPART L	
045	752017-0000	K		1	RULERPART L	
050	566661-0000	F		2	CUTTING RAIL	
060	272420-0000	K		1	FOLDING FLAP	
070	272421-0000	K		1	FOLDING FLAP	
090	272427-0000	K		2	BRACKET	
093	979763-0000	K		1	CARRIER LEFT 100	
120	272417-0000	K		1	CARRIER	
130	272416-0000	K		1	CARRIER	
160	978454-0000	-		2	DOLLY	
170	978455-0000	F		4	END PIECE	
540	312105-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
550	312115-0372	-		2	SCREW MC6S ISO 4762 M6x25 A280	
560	312145-0289	-		2	SLOTTED HEMFS4X10RFR	
585	315115-0153	-		6	WASHER TBRB 6,4x12 Stainless	
TBA 0160S or TBA 0200S						
010	441727-0000	K		1	CUTTING JAW	
030	1282424-0000	K		1	BEARING HOUSING	
040	752011-0000	K		1	RULERPART L	
045	752012-0000	K		1	RULERPART L	
050	1110820-0000	F		2	CUTTING RAIL	
060	272424-0000	K		1	FOLDING FLAP	
070	272425-0000	K		1	FOLDING FLAP	
090	1348053-0000	K		2	BRACKET	
093	978714-0000	K		1	CARRIER LEFT	
120	272419-0000	-		1	CARRIER	
130	272419-0000	K		1	CARRIER	
160	1110375-0003	-		2	DOLLY	
540	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
550	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
560	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
585	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
TBA 0200M or TBA 0250S						
010	574386-0000	K		1	CUTTING JAW	
030	1282425-0000	K		1	BEARING HOUSE 250S	
040	574371-0000	K		1	CARRIER RULER LEFT	
045	574372-0000	K		1	CARRIER RULER LEFT	
050	1110820-0000	F		2	CUTTING RAIL	
060	272424-0000	K		1	FOLDING FLAP	
070	272425-0000	K		1	FOLDING FLAP	
090	1348053-0000	K		2	BRACKET	
093	978714-0000	K		1	CARRIER LEFT	

CUTTING JAW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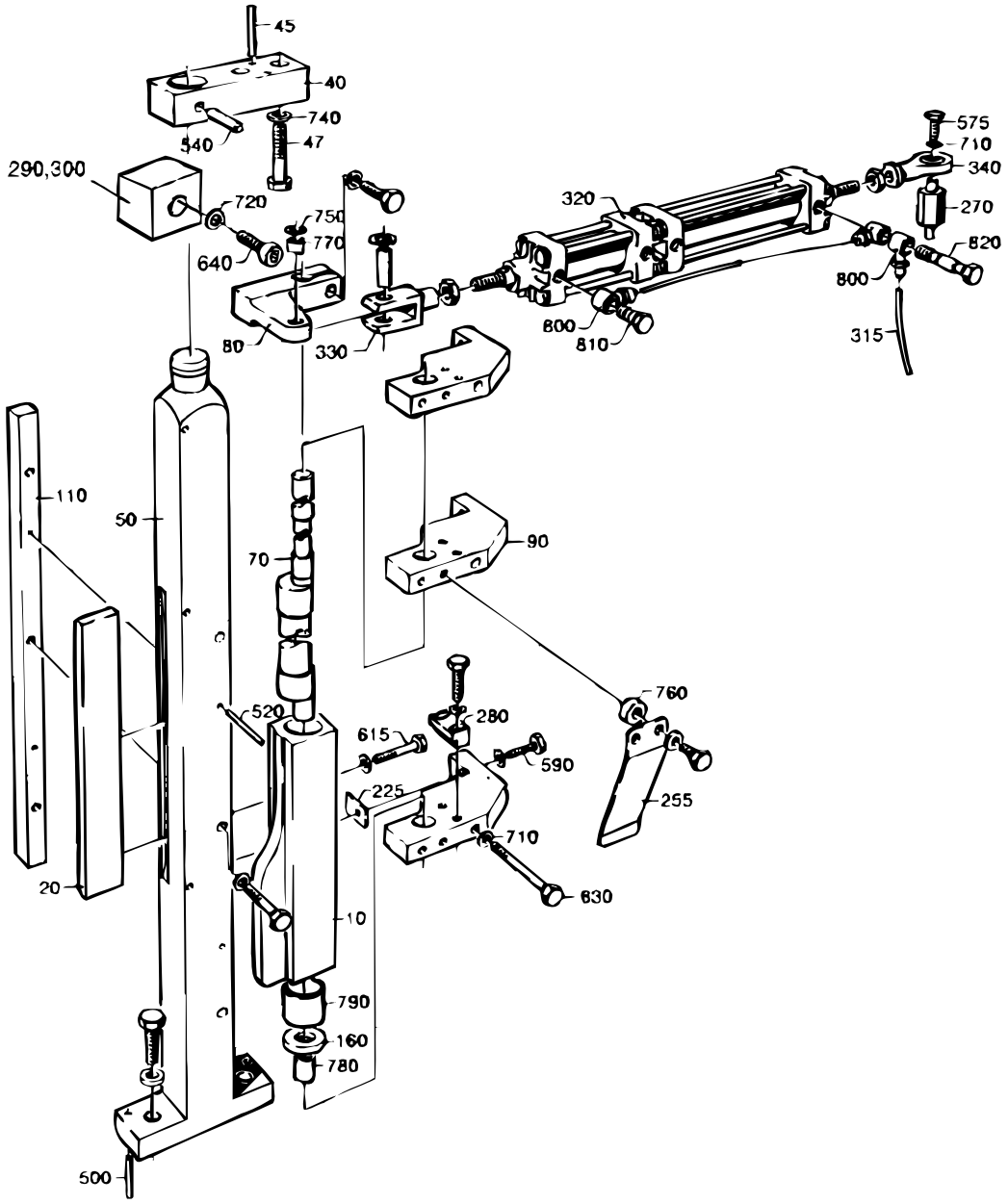
Pos	Part No	SP	UN	Qty	Description	Page No
120	272419-0000	-		1	CARRIER	
130	272419-0000	K		1	CARRIER	
160	1110375-0003	-		2	DOLLY	
540	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
550	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
560	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
585	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	256769-0000	K		1	CUTTING JAW	
030	1282423-0000	K		1	BEARING HOUSING	
040	751576-0000	K		1	RULERPART L	
045	751578-0000	K		1	RULERPART L	
050	1110820-0000	F		2	CUTTING RAIL	
060	272422-0000	K		1	FOLDING FLAP	
070	272423-0000	K		1	FOLDING FLAP	
090	1348053-0000	K		2	BRACKET	
093	978714-0000	K		1	CARRIER LEFT	
120	272419-0000	-		1	CARRIER	
130	272419-0000	K		1	CARRIER	
160	1110375-0003	-		2	DOLLY	
540	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
550	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
560	312145-0291	-		2	SLOTTED HEAD SCREW MFS 4x12 A4	
585	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

DESIGN CORRECTION DEVICE



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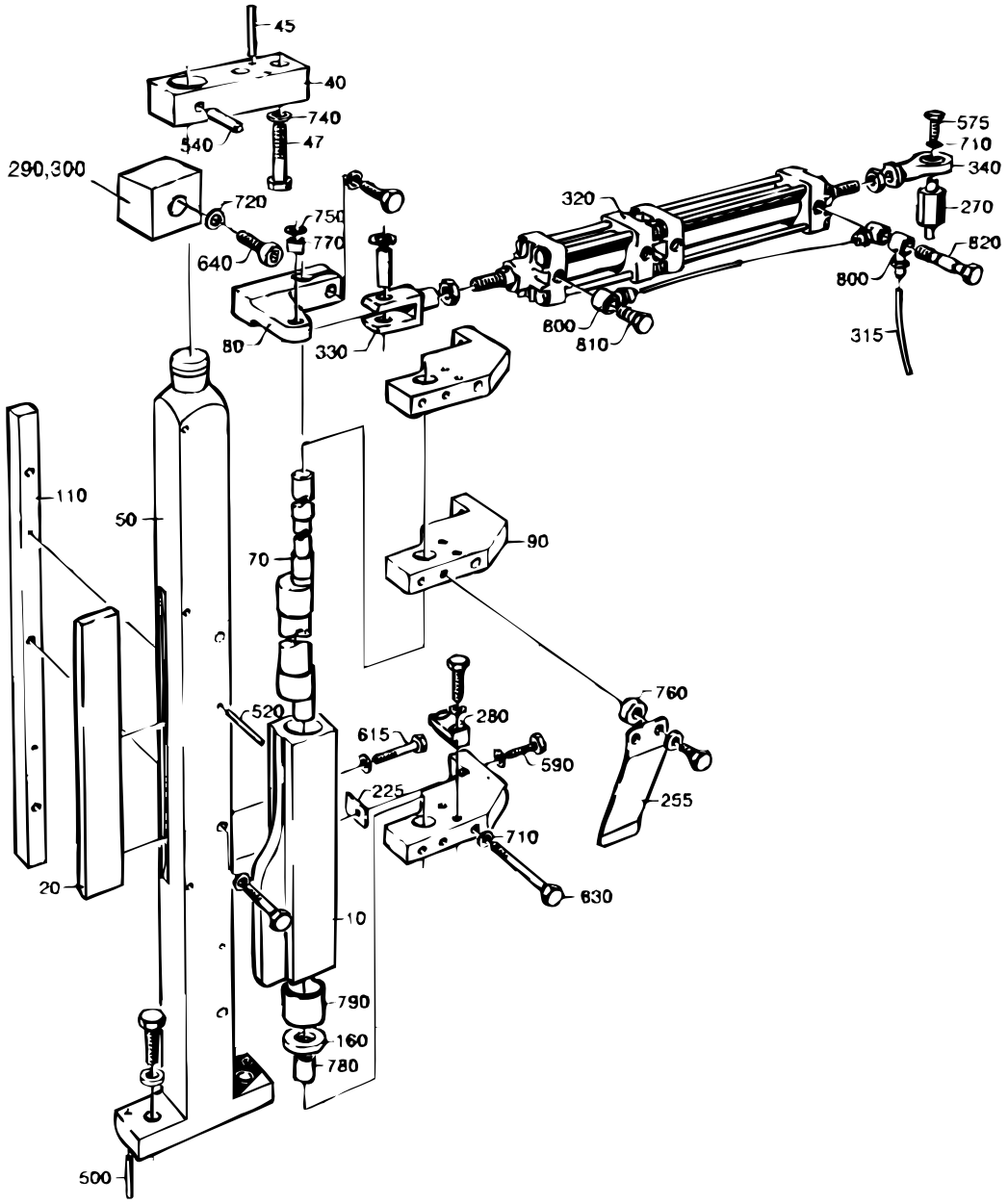
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
040	256707-0000	-		1	BRACKET	
050	272641-0000	-		1	PILLAR	
070	272654-0000	K		1	ECCENTRIC SHAFT	
080	272429-0000	K		1	ARM	
090	272491-0000	-		3	BRACKET	
110	272645-0000	K		1	RAIL	
160	256621-0000	K		2	WASHER	
225	256705-0000	K		6	LACE	
255	257334-0000	K		3	LEAF SPRING	
270	271132-0000	-		1	SPACER	
280	271284-0000	-		1	BLOCKING PIECE	
290	978184-0000	-		1	STOPPER	
300	978185-0000	-		1	SHIM	
315	90166-0132	F	MM	890	TUBE 6 mm PA,Transp.	
320	B 90202-0011	K		1	CYLINDER REPBY 0090450-0096	
330	90239-0357	K		1	PISTON ROD HEAD	
340	90239-0405	K		1	LINK HEAD	
500	311103-0314	-		2	PIN,STRAIGHT 5x30	
520	311103-0320	-		2	PIN,STRAIGHT M6 5x45 RFR	
540	311103-0409	-		1	PINS,STRAIGHT 8X40	
575	312105-0368	-		3	SCREW M6S ISO 4017 M6x16 A280	
590	312105-0372	-		5	SCREW M6S ISO 4017 M6X25 A280	
615	312105-0379	-		5	SCREW M6S ISO 4014 M6x45 A280	
630	312105-0384	-		3	SCREW M6S ISO 4014 M6x70 A280	
640	312105-0455	-		3	SCREW M6S ISO 4017 M8x30 A280	
650	312115-0453	-		1	SCREW MC6S ISO 4762 M8X25 A280	
710	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
720	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
740	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	
750	315233-0109	K		1	PLAIN ROUND,NYLON R1/8"	
760	315742-0102	-		2	RETAINING RINGS 6	
770	321120-0098	K		1	BEARING BUSHING WITHOUT FLANG,10/12X8	
780	321120-0118	K		3	BEARING BUSHING WITHOUT FLANGE,14/16X15	
790	321120-0153	K		2	BEARING BUSHING WITHOUT FLANGE,24/27X20	
800	342980-0113	K		5	BANJO-CONNECTION,RING 6/4-G1/8"	
810	342980-0303	K		3	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
820	342980-0313	K		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/8"	
TBA 0100B						
010	979770-0000	K		1	FOLDING FLAP CAM 100	
020	979771-0000	K		1	COUNTER CAM 100	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0125S or TBA 0200B						
010	456760-0010	K		1	FOLDING FLAP CAM 200B & 125S	
020	272640-0005	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0160S						
010	577225-0000	K		1	FOLDING FLAP CAM	
020	272640-0006	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0200S						
010	456760-0003	K		1	FOLDING FLAP CAM 200S	
020	272640-0009	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0250S						
010	574494-0000	K		1	FOLDING FLAP CAM	
020	272640-0009	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0180B						
010	456760-0010	K		1	FOLDING FLAP CAM 200B & 125S	
020	272640-0007	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0236B						
010	456760-0011	-		1	FOLDING FLAP CAM 250B	
020	272640-0003	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0250B						
010	456760-0011	-		1	FOLDING FLAP CAM 250B	
020	272640-0002	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0284B or TBA 0300S						
010	456760-0012	K		1	FOLDING FLAP CAM	
TBA 0330S						
010	582162-0000	-		1	FOLDING FLAP CAM	
020	272640-0001	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	

DESIGN CORRECTION DEVICE



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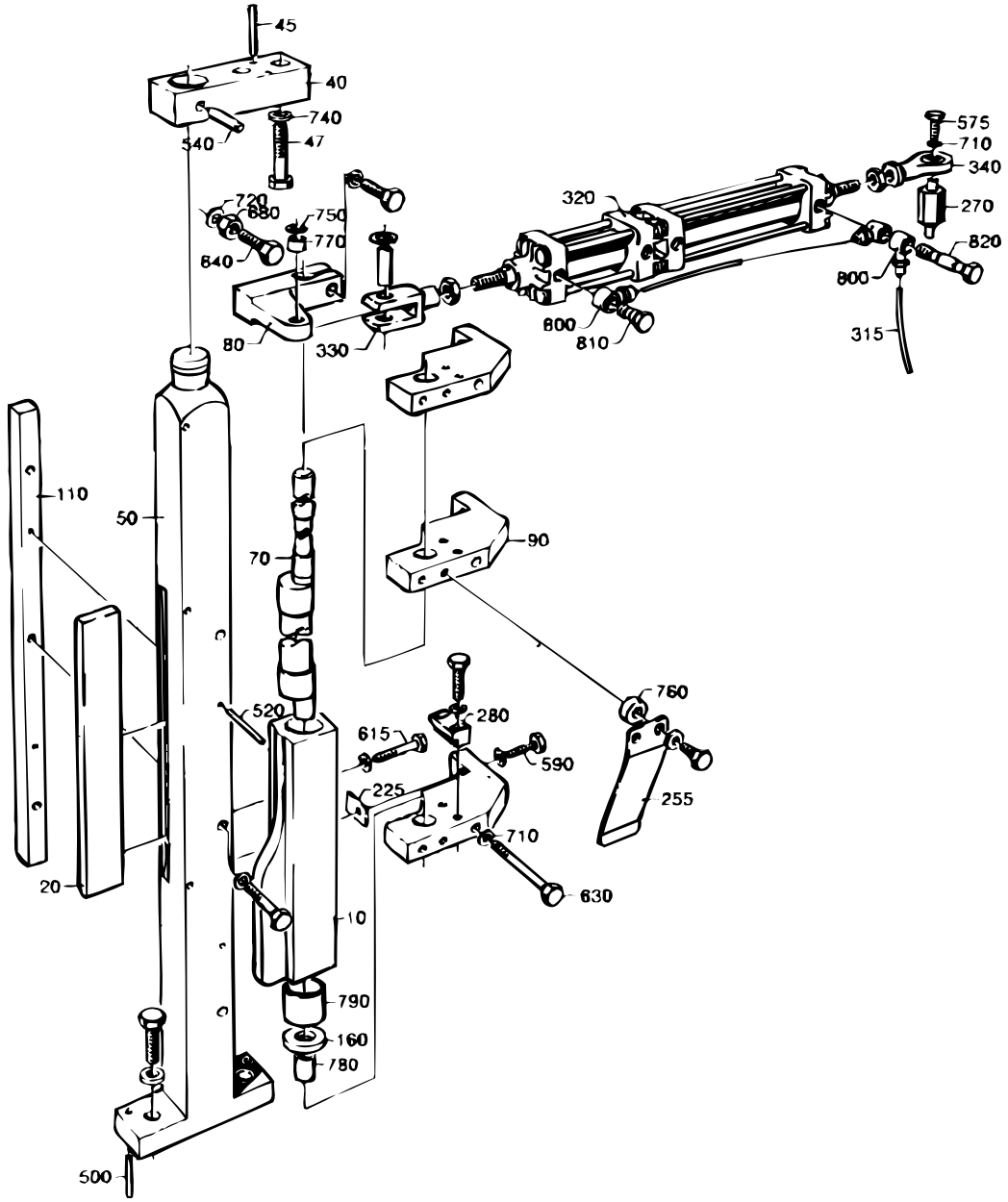
Pos	Part No	SP	UN	Qty	Description	Page No
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0200M						
010	456760-0011	-		1	FOLDING FLAP CAM 250B	
020	272640-0009	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

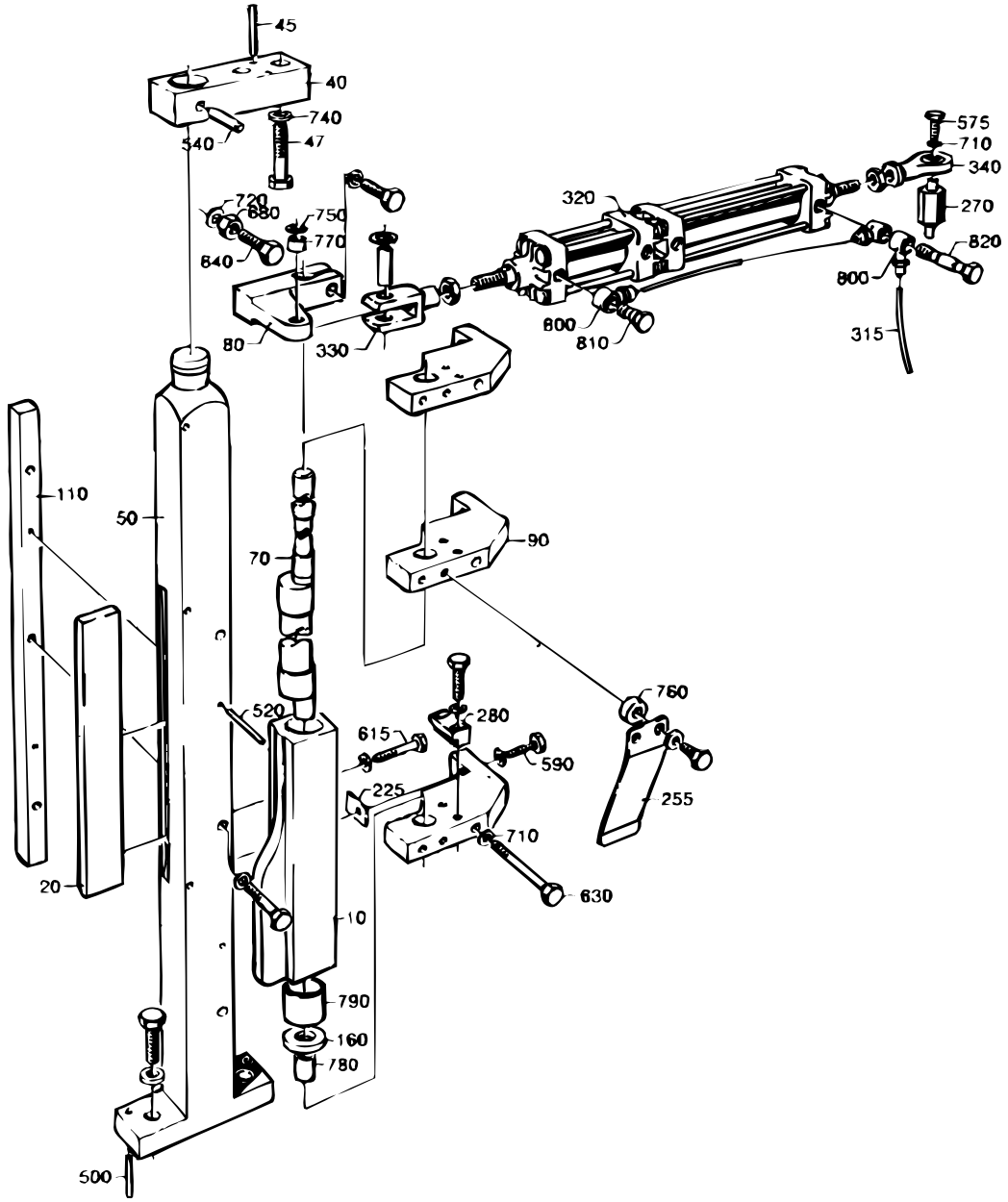
DESIGN CORRECTION DEVICE



S-256207-5-6
ECN 17920

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
040	256707-0000	K		1	BRACKET	
050	272642-0000	-		1	PILLAR	
070	272654-0000	K		1	ECCENTRIC SHAFT	
080	272429-0000	K		1	ARM	
090	272491-0000	-		3	BRACKET	
110	272645-0000	K		1	RAIL	
160	256621-0000	K		2	WASHER	
225	256705-0000	K		6	LACE	
255	257334-0000	K		3	LEAF SPRING	
270	271132-0000	-		1	SPACER	
280	271284-0000	-		1	BLOCKING PIECE	
290	978184-0000	-		1	STOPPER	
300	978185-0000	-		1	SHIM	
315	90166-0132	F	MM	890	TUBE 6 mm PA,Transp.	
320	B 90202-0011	K		1	CYLINDER REPBY 0090450-0096	
330	90239-0357	K		1	PISTON ROD HEAD	
340	90239-0405	K		1	LINK HEAD	
500	311103-0314	-		2	PIN,STRAIGHT 5x30	
520	311103-0320	-		2	PIN,STRAIGHT M6 5x45 RFR	
540	311103-0409	-		1	PINS,STRAIGHT 8X40	
575	312105-0368	-		3	SCREW M6S ISO 4017 M6x16 A280	
590	312105-0372	-		5	SCREW M6S ISO 4017 M6X25 A280	
615	312105-0379	-		5	SCREW M6S ISO 4014 M6x45 A280	
630	312105-0384	-		3	SCREW M6S ISO 4014 M6x70 A280	
640	312105-0455	-		3	SCREW M6S ISO 4017 M8x30 A280	
650	312115-0453	-		1	SCREW MC6S ISO 4762 M8X25 A280	
710	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
720	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
740	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	
750	315233-0109	K		1	PLAIN ROUND,NYLON R1/8"	
760	315742-0102	-		2	RETAINING RINGS 6	
770	321120-0098	K		1	BEARING BUSHING WITHOUT FLANG,10/12X8	
780	321120-0118	K		3	BEARING BUSHING WITHOUT FLANGE,14/16X15	
790	321120-0153	K		2	BEARING BUSHING WITHOUT FLANGE,24/27X20	
800	342980-0113	K		5	BANJO-CONNECTION,RING 6/4-G1/8"	
810	342980-0303	K		3	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
820	342980-0313	K		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/8"	
TBA 0100B						
010	979770-0000	K		1	FOLDING FLAP CAM 100	
020	979771-0000	K		1	COUNTER CAM 100	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0125S or TBA 0200B						
010	456760-0010	K		1	FOLDING FLAP CAM 200B & 125S	
020	272640-0005	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0160S						
010	577225-0000	K		1	FOLDING FLAP CAM	
020	272640-0006	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0200S						
010	456760-0003	K		1	FOLDING FLAP CAM 200S	
020	272640-0009	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0250S						
010	574494-0000	K		1	FOLDING FLAP CAM	
020	272640-0009	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0180B						
010	456760-0010	K		1	FOLDING FLAP CAM 200B & 125S	
020	272640-0007	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0236B						
010	456760-0011	K		1	FOLDING FLAP CAM 250B	
020	272640-0003	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0250B						
010	456760-0011	K		1	FOLDING FLAP CAM 250B	
020	272640-0002	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0284B or TBA 0300S						
010	456760-0012	K		1	FOLDING FLAP CAM	
020	272640-0002	K		1	COUNTER CAM	
TBA 0330S						
010	582162-0000	-		1	FOLDING FLAP CAM	
020	272640-0001	K		1	COUNTER CAM	

DESIGN CORRECTION DEVICE



S-256207-5-6
ECN 17920

Pos	Part No	SP	UN	Qty	Description	Page No
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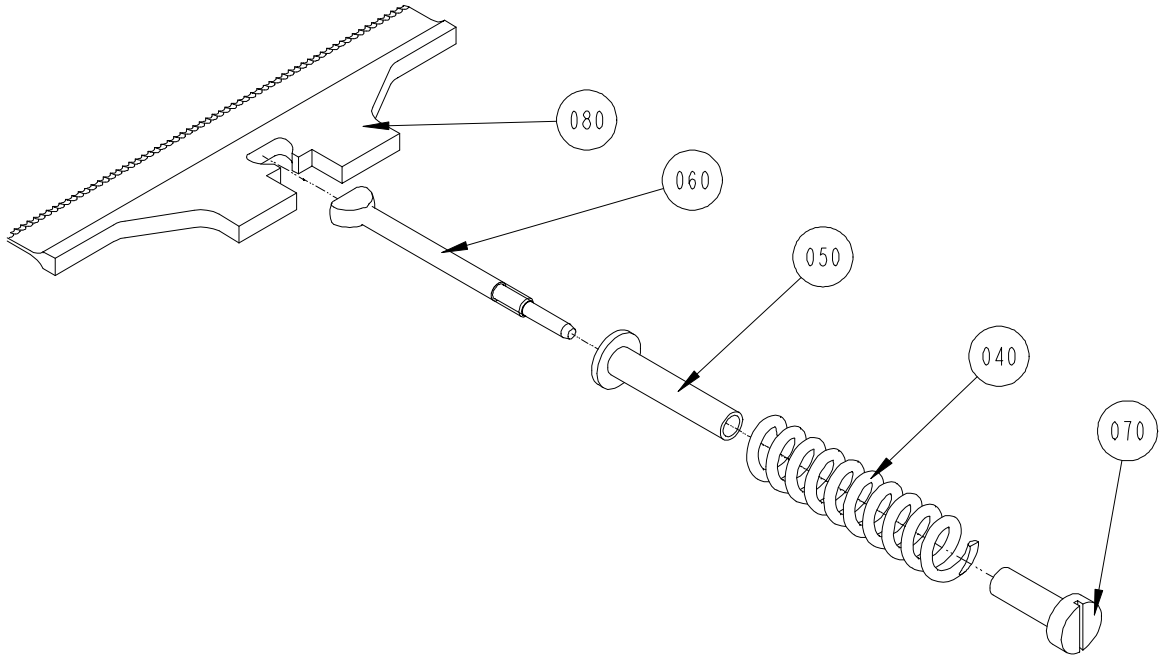
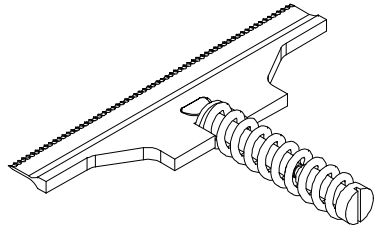
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
TBA 0200M						
010	456760-0011	K		1	FOLDING FLAP CAM 250B	
020	272640-0009	K		1	COUNTER CAM	
045	311103-0316	K		2	PINS,STRAIGHT 5X35	
047	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

KNIFE HOLDER

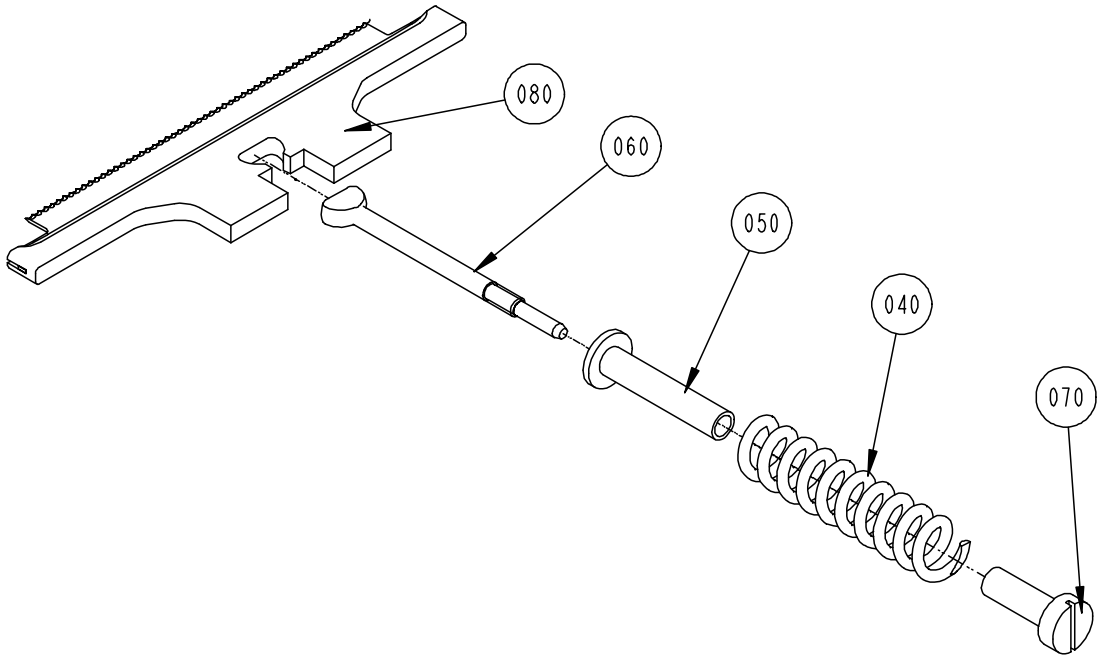


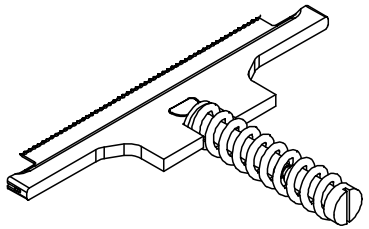


Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0180B IH or TBA 0200B IH or TBA 0236B IH or TBA 0250B IH or TBA 0284B IH or TBA 0300S IH or TBA 0330S IH						
080	1282646-0000	J		1	KNIFE	
Common parts						
040	441726-0000	F		1	COMPRESSION SPRING	
050	272753-0000	F		1	STEERING	
060	456009-0000	F		1	LINK	
070	272755-0000	F		1	NUT	

Pos	Part No	SP	UN	Qty	Description	Page No

KNIFE HOLDER

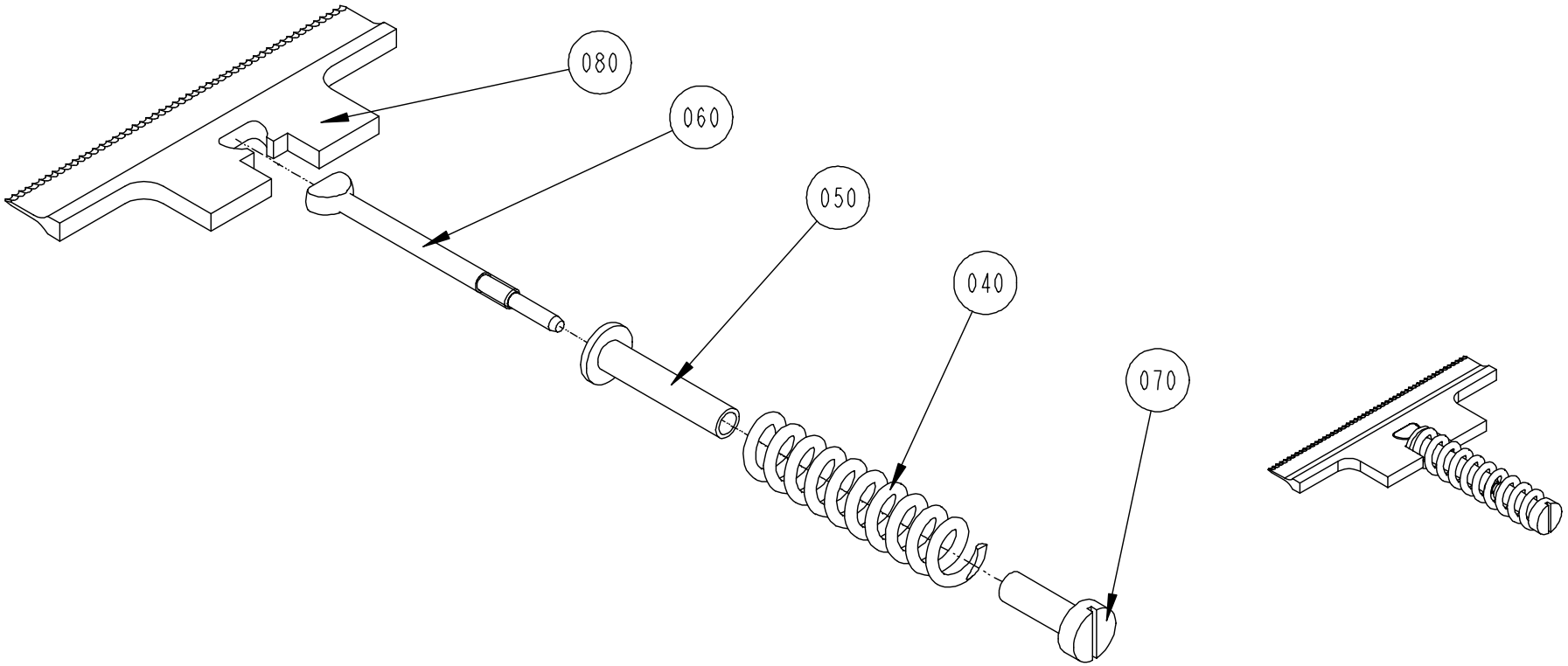




Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B IH or TBA 0125S IH						
080	1282645-0000	J		1	KNIFE	
Common parts						
040	441726-0000	F		1	COMPRESSION SPRING	
050	272753-0000	F		1	STEERING	
060	456009-0000	F		1	LINK	
070	272755-0000	F		1	NUT	

Pos	Part No	SP	UN	Qty	Description	Page No

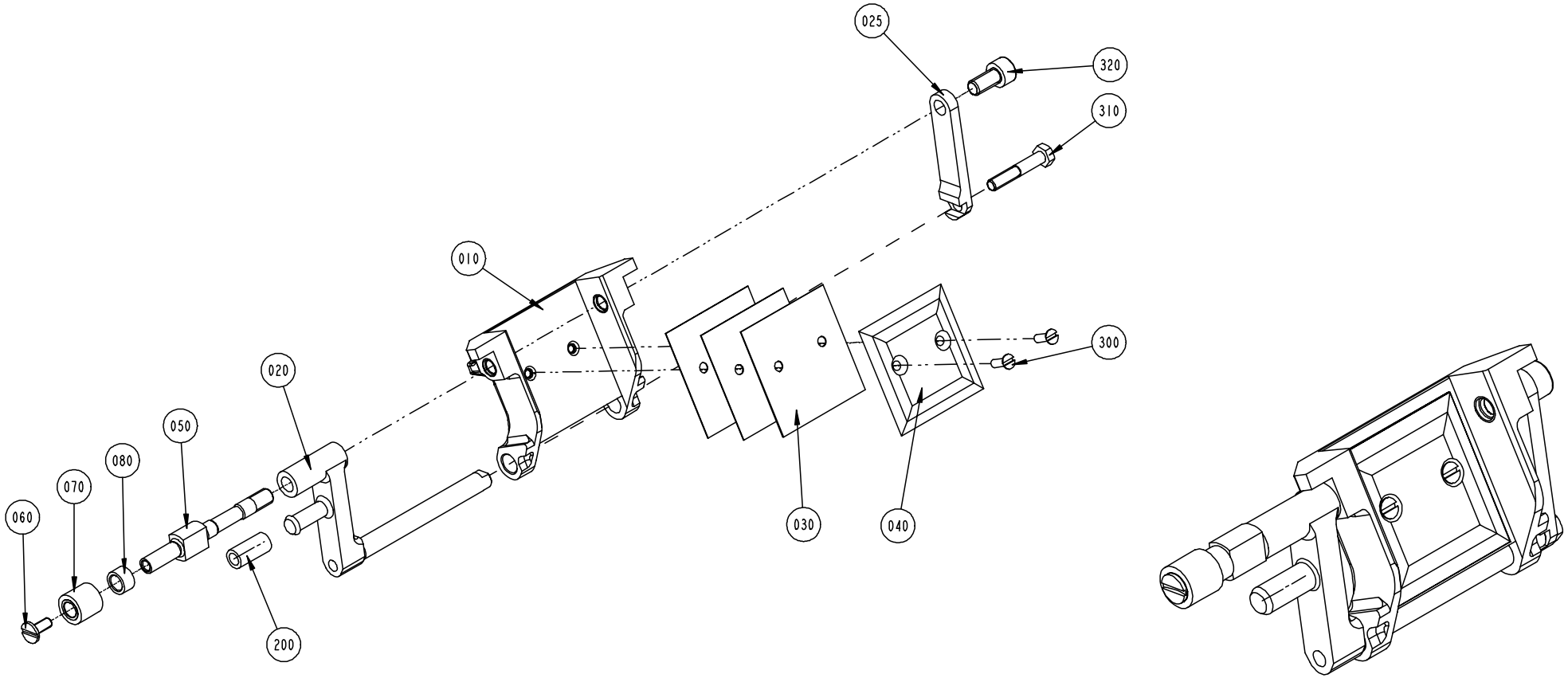
KNIFE HOLDER



Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0160S IH or TBA 0200M IH or TBA 0200S IH or TBA 0250S IH						
080	1282647-0000	J		1	KNIFE	
Common parts						
040	441726-0000	F		1	COMPRESSION SPRING	
050	272753-0000	F		1	STEERING	
060	456009-0000	F		1	LINK	
070	272755-0000	F		1	NUT	

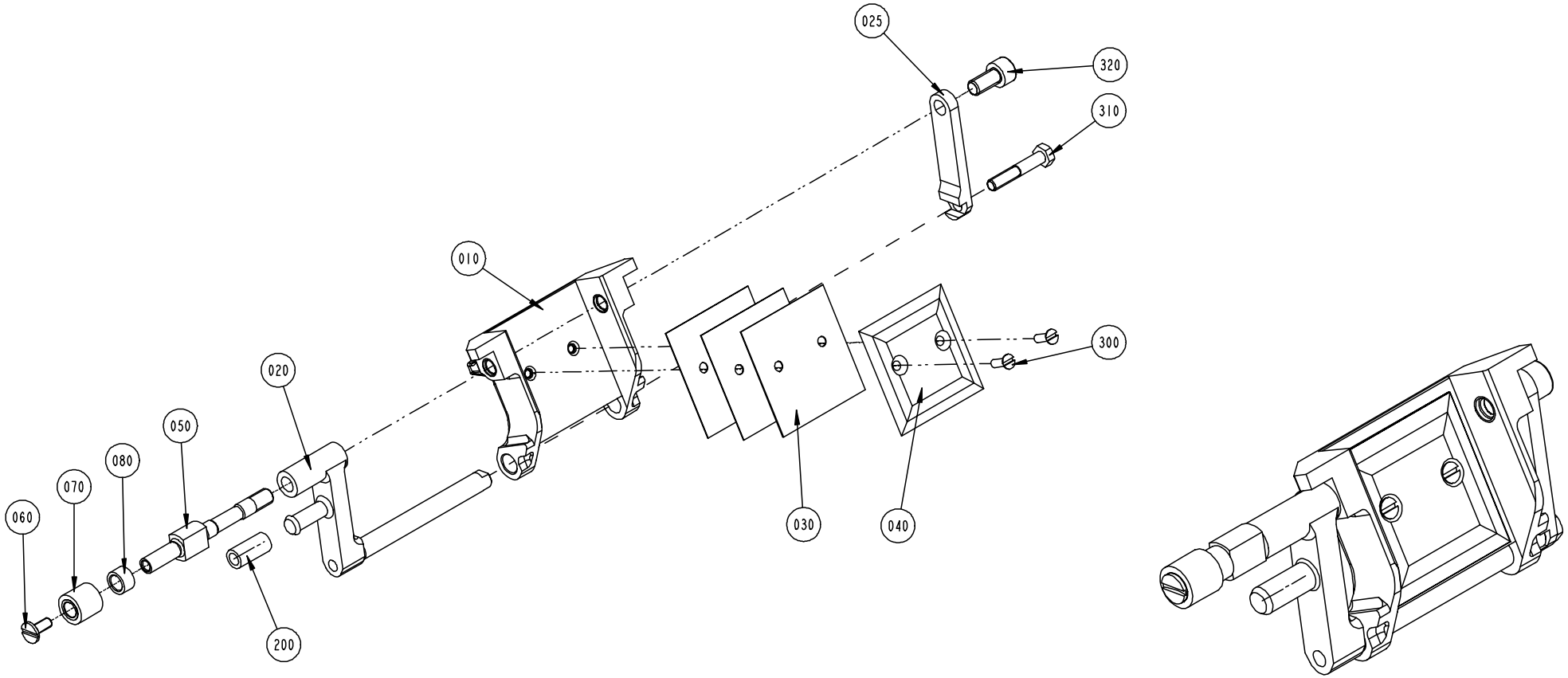
Pos	Part No	SP	UN	Qty	Description	Page No

VOLUME FLAP



Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0125S						
010	256849-0000	K		1	VOLUMEFLAP 125 ML	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	272987-0000	K		3	VOLUME SHIM	
040	491868-0000	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0160S						
010	577211-0000	K		1	VOLUMEFLAP 160 ML	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	577212-0000	K		3	VOLUME SHIM	
040	577213-0000	K		1	VOLUME BULGE 160 ML	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0200S						
010	752999-0000	K		1	VOLUME FLAP 200S	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	272991-0000	K		3	VOLUME SHIM	
040	272990-0000	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0250S						
010	574365-0000	K		1	VOLUMEFLAP 250S	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	574366-0000	K		3	VOLUME SHIM	
040	574367-0000	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0180B						
010	752292-0000	K		1	VOLUMEFLAP 180 ML	
020	752612-0002	K		1	CARRIER	
025	272985-0002	K		1	ARM	
030	272986-0004	K		3	VOLUME SHIM	
040	272988-0004	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0200B						
010	752212-0000	K		1	VOLUME FLAP 200 ML	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	272986-0003	K		3	VOLUME SHIM	
040	456005-0003	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0236B						
010	272498-0000	K		1	VOLUME FLAP 236 ML	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	272986-0002	K		3	VOLUME SHIM	
040	272988-0002	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0250B						
010	978366-0000	K		1	VOLUME FLAP 250 ML	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	272986-0001	K		3	VOLUME SHIM	
040	456005-0001	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0284B						
010	978031-0000	K		1	VOLUMEFLAP 284 ML	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	272986-0005	K		3	VOLUME SHIM	
040	752739-0000	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0300S						
010	978031-0000	K		1	VOLUMEFLAP 284 ML	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	272986-0003	K		3	VOLUME SHIM	
040	979792-0000	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0330S						
010	582163-0000	-		1	VOLUME FLAP 330S	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	

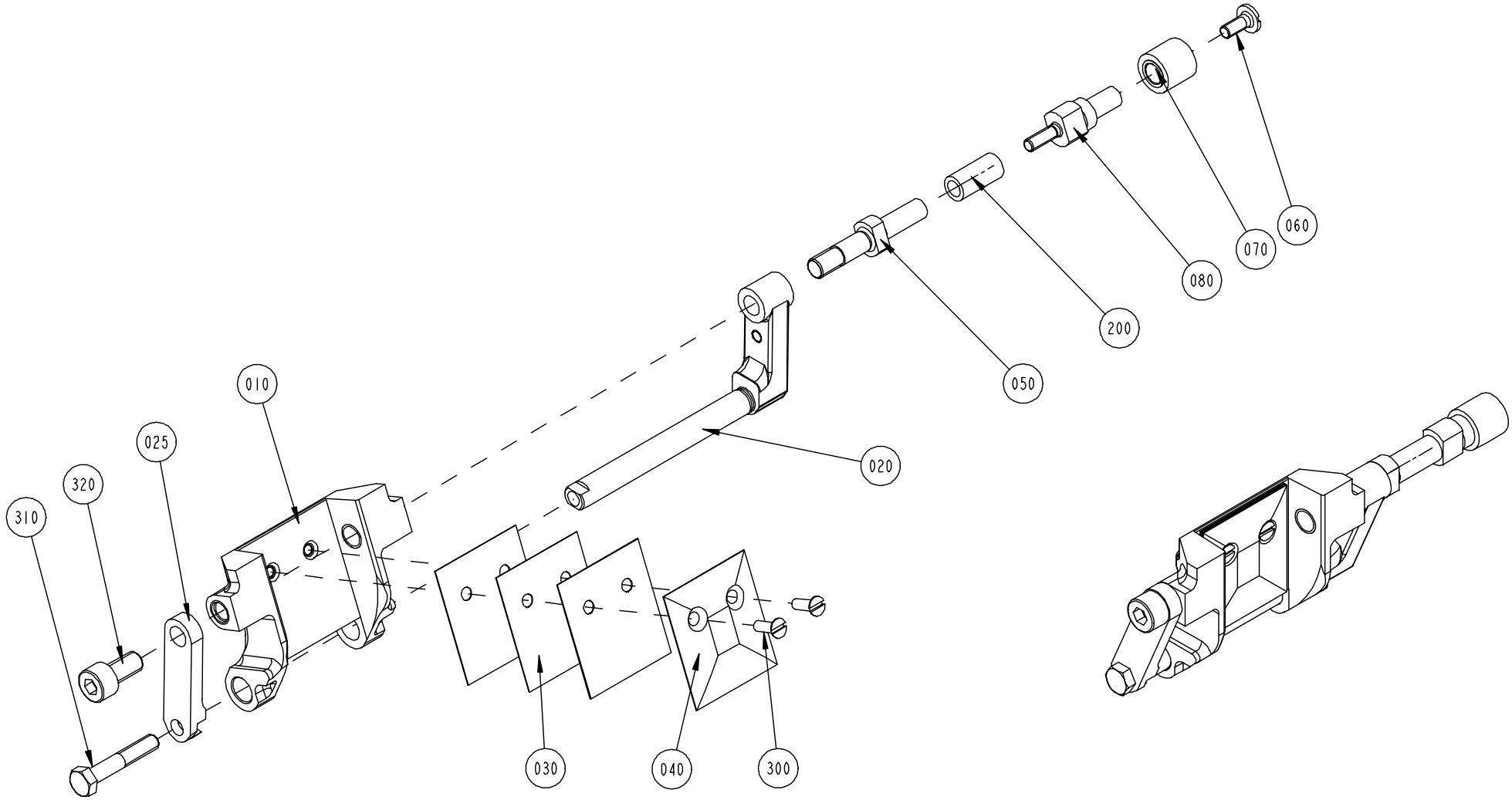
VOLUME FLAP



Pos	Part No	SP	UN	Qty	Description	Page No
030	272986-0006	-		3	VOLUME SHIM 330S	
040	979931-0000	-		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
TBA 0200M						
010	979859-0000	K		1	VOLUME FLAP	
020	752612-0001	K		1	CARRIER	
025	272985-0001	K		1	ARM	
030	979861-0000	K		3	VOLUME SHIM	
040	979860-0000	K		1	VOLUME BULGE	
050	752598-0000	K		1	SHAFT	
080	752615-0000	K		1	SPACER	
Common parts						
060	256859-0000	K		1	SCREW	
070	256860-0000	K		1	ROLL	
200	90166-0159	F	MM	21	RUBBER HOSE	
300	312145-0291	F		2	SLOTTED HEAD SCREW MFS 4x12 A4	
310	312105-0376	-		1	SCREW M6S ISO 4017 M6x35 A280	
320	312115-0449	-		1	SCREW MC6S ISO 4762 M8X16 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

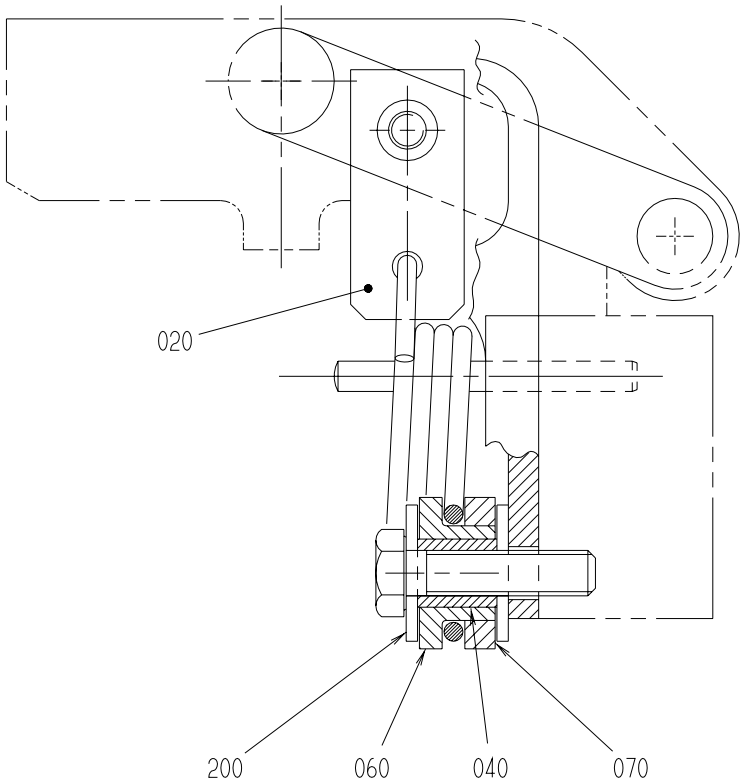
VOLUME FLAP

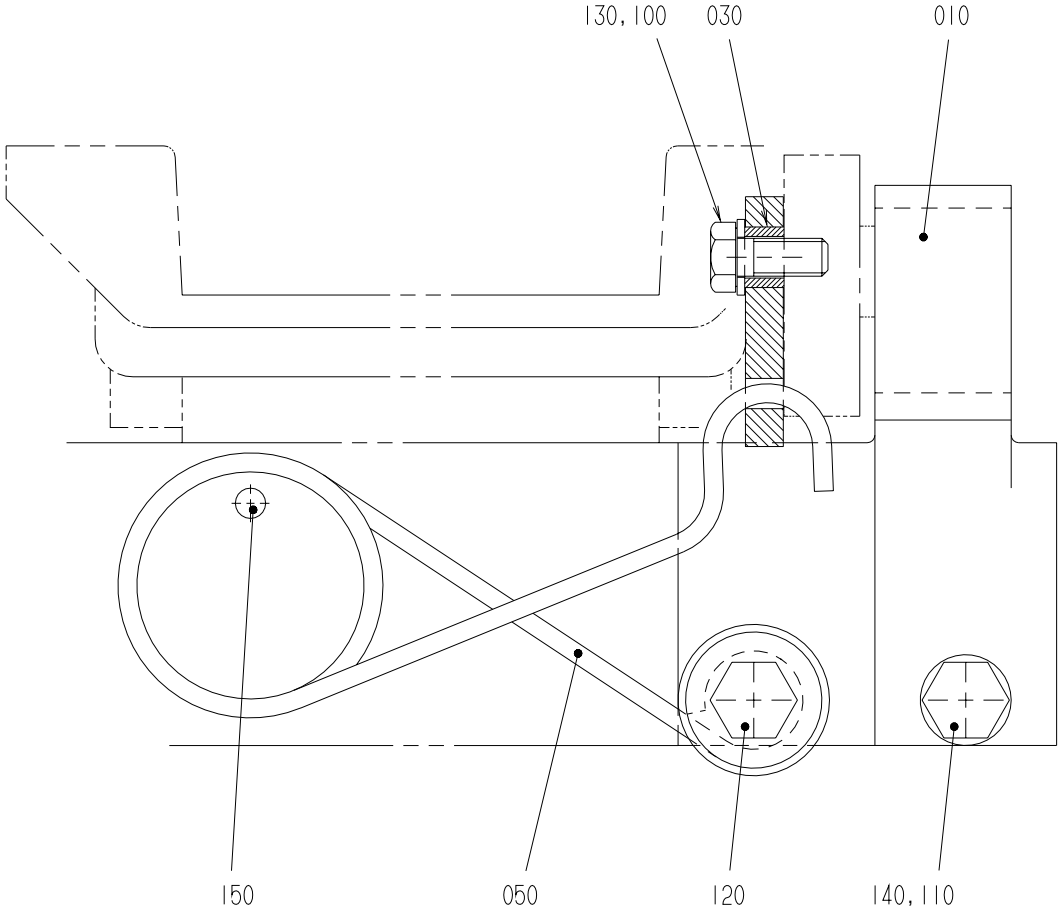


Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B						
010	979751-0000	K		1	VOLUME FLAP 100	
020	979752-0000	K		1	CARRIER	
025	979753-0000	K		1	ARM	
030	979754-0000	K		3	VOLUME SHIM 100	
040	979755-0000	K		1	VOLUME BULGE 100	
050	979756-0000	K		1	SHAFT	
080	979757-0000	K		1	SPACER	
Common parts						
060	256859-0000	K		1	SCREW	
070	256860-0000	K		1	ROLL	
200	90166-0159	F	MM	21	RUBBER HOSE	
300	312145-0291	F		2	SLOTTED HEAD SCREW MFS 4x12 A4	
310	312105-0376	-		1	SCREW M6S ISO 4017 M6x35 A280	
320	312115-0449	-		1	SCREW MC6S ISO 4762 M8X16 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

SHOCK ABSORBER

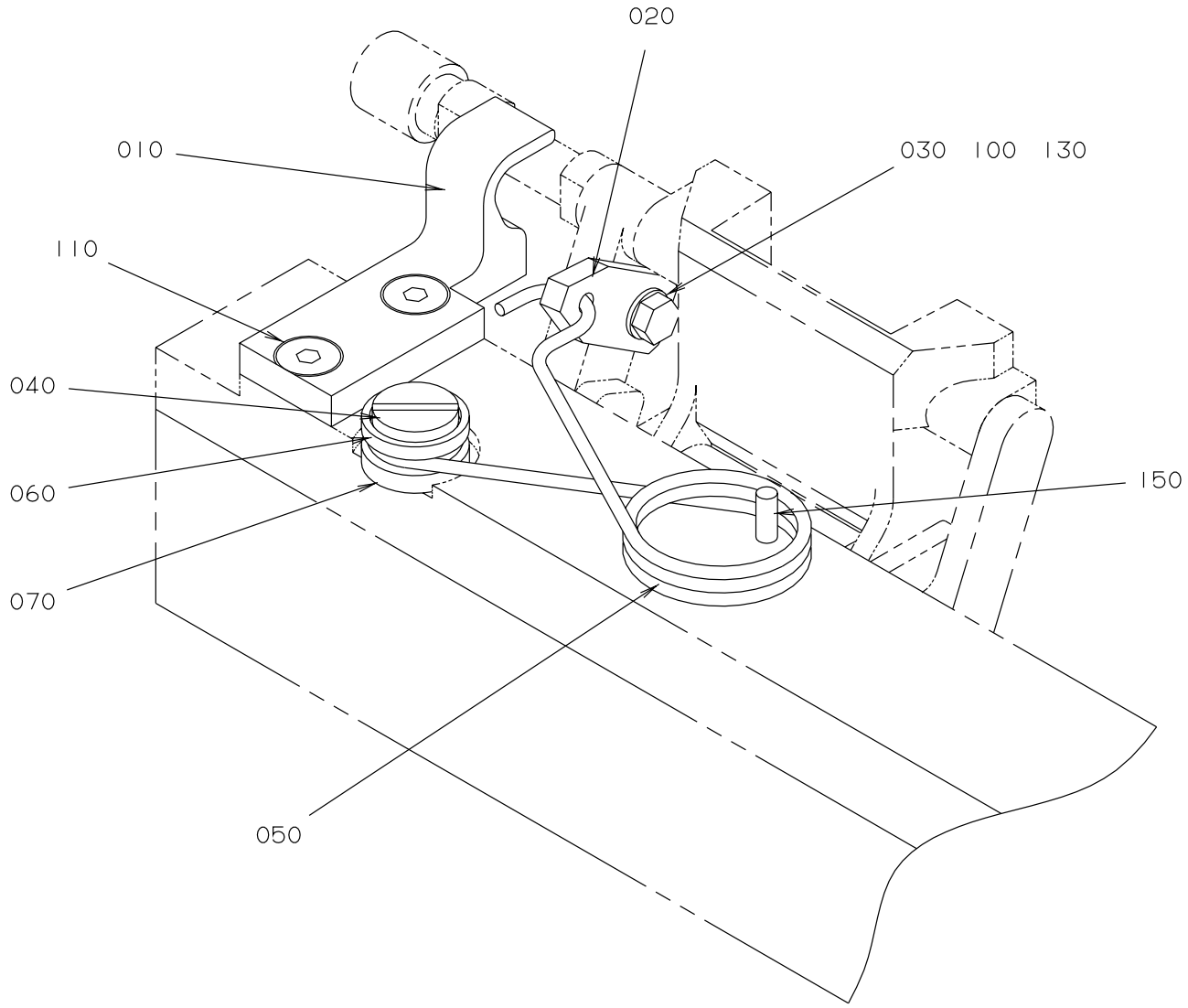




Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0125S						
010	752563-0000	K		1	STOP PERF 1	
040	752673-0000	K		1	SPACER	
060	752680-0000	K		1	SLEEVE	
110	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
120	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
140	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
150	311103-0280	-		1	PIN,STRAIGHT 4x40	
200	90005-0060	-		2	WASHER,Plain round 6,4x18;H=1,5 M6	
TBA 0160S or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
010	752559-0000	K		1	STOP PERF 1	
040	752673-0000	K		1	SPACER	
060	752680-0000	K		1	SLEEVE	
110	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
120	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
140	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
150	311103-0280	-		1	PIN,STRAIGHT 4x40	
200	90005-0060	-		2	WASHER,Plain round 6,4x18;H=1,5 M6	
TBA 0180B						
010	752561-0000	K		1	STOP PERF 1	
040	752673-0000	K		1	SPACER	
060	752680-0000	K		1	SLEEVE	
110	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
120	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
140	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
150	311103-0280	-		1	PIN,STRAIGHT 4x40	
200	90005-0060	-		2	WASHER,Plain round 6,4x18;H=1,5 M6	
TBA 0100B						
010	979758-0000	K		1	STOP PERF 1	
040	979760-0000	K		1	SPACER	
060	979761-0000	K		1	SLEEVE	
110	312155-0368	-		2	SCREW MF6S DIN7991 M6X16 A280	
150	311103-0278	-		1	PIN,STRAIGHT M6 4x35	
Common parts						
020	752425-0000	K		1	LINK	
030	752556-0000	K		1	SPACER	
050	752678-0000	K		1	SPRING PERF 1	
070	752681-0000	K		1	WASHER	
100	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A280	
130	315105-0146	-		1	WASHER,PLAIN ROUND 5,3x10 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

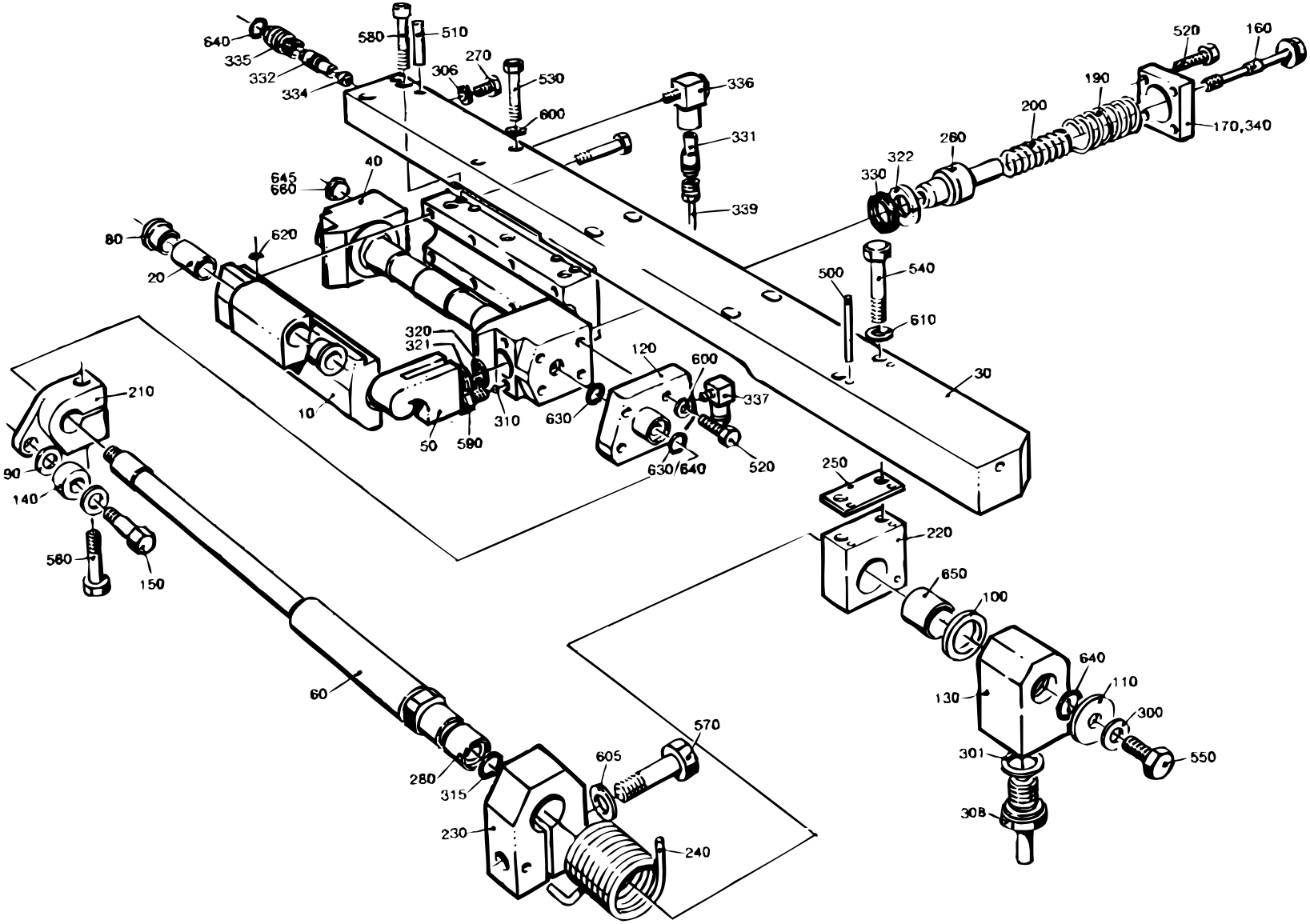
SHOCK ABSORBER



Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0125S						
010	752564-0000	K		1	STOP PERF 2	
040	752673-0000	K		1	SPACER	
060	752680-0000	K		1	SLEEVE	
110	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
120	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
140	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
150	311103-0280	-		1	PIN,STRAIGHT 4x40	
200	90005-0060	-		2	WASHER,Plain round 6,4x18;H=1,5 M6	
TBA 0160S or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
010	752560-0000	K		1	STOP PERF 2	
040	752673-0000	K		1	SPACER	
060	752680-0000	K		1	SLEEVE	
110	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
120	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
140	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
150	311103-0280	-		1	PIN,STRAIGHT 4x40	
200	90005-0060	-		2	WASHER,Plain round 6,4x18;H=1,5 M6	
TBA 0180B						
010	752562-0000	K		1	STOP PERF 2	
040	752673-0000	K		1	SPACER	
060	752680-0000	K		1	SLEEVE	
110	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
120	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
140	315105-0153	-		1	WASHER,PLAIN ROUND 6,4x12 Stainless	
150	311103-0280	-		1	PIN,STRAIGHT 4x40	
200	90005-0060	-		2	WASHER,Plain round 6,4x18;H=1,5 M6	
TBA 0100B						
010	979759-0000	K		1	STOP PERF 2	
040	979760-0000	K		1	SPACER	
060	979761-0000	K		1	SLEEVE	
110	312155-0368	-		2	SCREW MF6S DIN7991 M6X16 A280	
150	311103-0278	-		1	PIN,STRAIGHT M6 4x35	
Common parts						
020	752425-0000	K		1	LINK	
030	752556-0000	K		1	SPACER	
050	752679-0000	K		1	SPRING PERF 2	
070	752681-0000	K		1	WASHER	
100	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A280	
130	315105-0146	-		1	WASHER,PLAIN ROUND 5,3x10 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

PRESSURE JAW



S-256212-13
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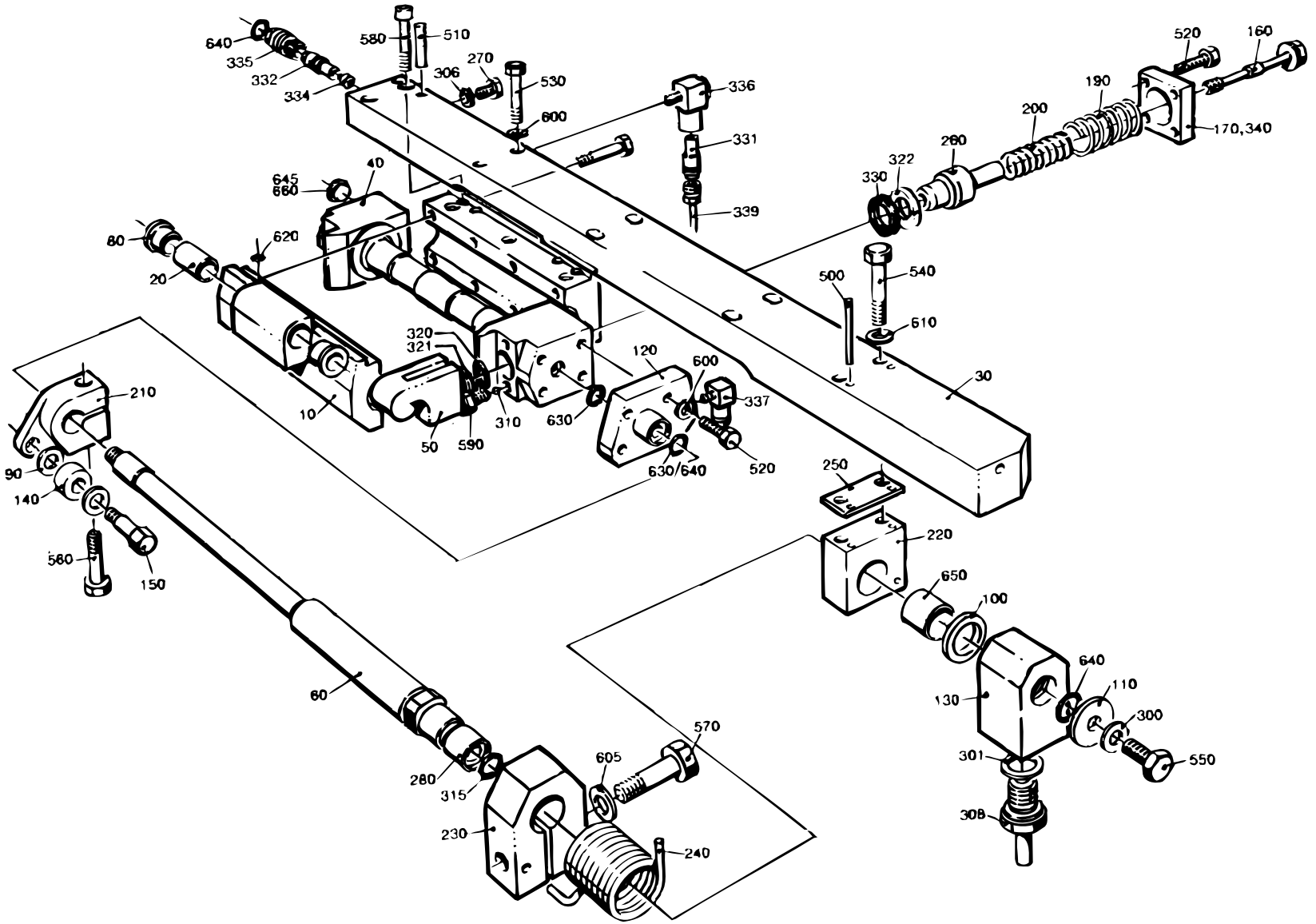
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
040	490940-0000	D		1	CYLINDER	
050	978746-0000	K		2	CATCH	
060	752284-0000	K		1	SHAFT	
080	255653-0000	K		2	FLANGE BUSHING	
090	256557-0001	K		2	WASHER	
100	256557-0002	K		1	WASHER	
110	256557-0003	K		1	WASHER	
120	752282-0000	K		1	CONNECTION RIGHT	
130	441385-0000	K		1	HUB	
140	256576-0000	F		1	ROLL	
150	441764-0000	K		1	SHAFT	
160	257249-0000	K		2	SCREW	
170	257250-0000	-		2	LID	
190	490942-0000	K		2	COMPRESSION SPRING	
200	490943-0000	K		2	COMPRESSION SPRING	
210	752289-0000	-		1	CLAMP RIGHT	
220	272501-0000	K		1	BRACKET RIGHT	
230	272503-0000	-		1	CLAMPING PIECE	
240	456311-0000	K		1	TORSION SPRING RIGHT	
250	272506-0000	-		2	LACE	
260	751743-0000	K		2	PISTON	
270	441355-0000	-		2	BLEEDING SCREW	
280	751769-0000	K		2	SLEEVE	
300	315237-0107	K		1	GASKET	
306	315237-0106	-		2	GASKET	
308	90030-0065	K		1	PIPE CONNECTION	
310	90090-0005	F		4	STEEL-BALL SKF RB 3/111	
315	90091-0089	F		2	SEALING RINGS,TYPE "GLYD-RING" 16/22X2,5	
320	90091-0214	F		2	SEALING RING	
321	90091-0162	F		2	GUIDE RING	
322	90091-0170	F		2	GUIDE RING	
330	90091-0215	F		2	SEALING RING	
331	90092-0052	-		1	METERING VALVE 10mm3	
332	90092-0053	-		1	METERING VALVE 30mm3	
334	90134-0042	-		2	SPACER DT4.170711.2	
335	90134-0045	-		1	PLUG	
336	90134-0047	-		1	CONNECTION	
337	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
339	90166-0143	-	MM	160	TUBE 2,5 mm PA,Transp.	
340	90296-0068	-	G	25	Grease Uniway LI 62 Cartridge 400 Gr.	
500	311103-0242	K		2	PIN,STRAIGHT 3x30	
510	311103-0312	K		1	PINS,STRAIGHT 5X25	
520	312105-0370	-		11	SCREW M6S ISO 4017 M6x20 A280	
530	312105-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
540	312105-0376	-		6	SCREW M6S ISO 4017 M6x35 A280	
550	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A280	
560	312105-0453	-		1	SCREW M6S ISO 4017 M8x25 A280	
570	312105-0455	-		1	SCREW M6S ISO 4017 M8x30 A280	
580	312115-0371	-		2	SCREW 6X22 A4 80	
590	752476-0000	K		4	SCREW	
600	315105-0153	-		5	WASHER,PLAIN ROUND 6,4x12 Stainless	
605	315105-0165	-		1	WASHER,PLAIN ROUND 8,4x16 Stainless	
610	315115-0153	-		6	WASHER TBRB 6,4x12 Stainless	
620	315202-0102	F		8	O-RINGS 4,1X1,6	
630	315202-0106	F		1	O-RING 8,1x1,6	
640	315202-0108	F		3	O-RING 10,1x1,6	
645	315234-0109	F		2	PLAIN ROUND,COPPER R1/8",M10	
650	321120-0132	K		1	BEARING BUSHING WITHOUT FLANGE,18/20X20	
660	342713-0209	-		2	PLUG,EXT.G-THREAD,HEXAGON SOCKET G1/8"	
TBA 0100B						
010	578626-0000	D		1	BEARING HOUSING	
030	979764-0000	K		1	CARRIER RIGHT 100	
TBA 0125S						
010	578626-0000	D		1	BEARING HOUSING	
030	979793-0000	K		1	CARRIER	
TBA 0160S or TBA 0200S						
010	578628-0000	D		1	BEARING HOUSING	
030	979793-0000	K		1	CARRIER	
TBA 0200M or TBA 0250S						
010	574499-0000	D		1	BEARING HOUSING	
030	979793-0000	K		1	CARRIER	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	578627-0000	D		1	BEARING HOUSING	
030	979793-0000	K		1	CARRIER	

PRESSURE JAW



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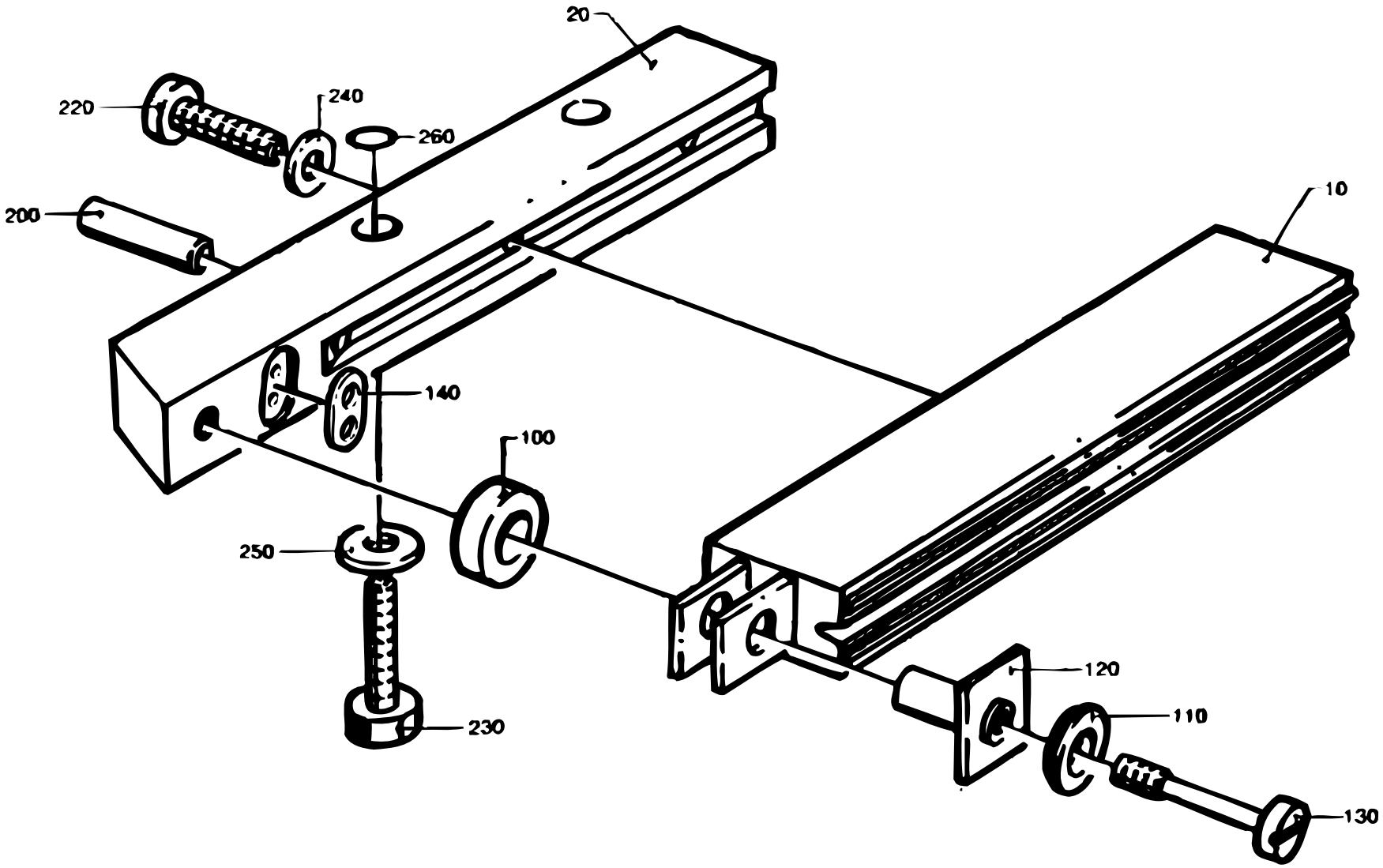
ECN 15484

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
040	490940-0000	D		1	CYLINDER	
050	978746-0000	K		2	CATCH	
060	752284-0000	K		1	SHAFT	
080	255653-0000	K		2	FLANGE BUSHING	
090	256557-0001	K		2	WASHER	
100	256557-0002	K		1	WASHER	
110	256557-0003	K		1	WASHER	
120	752283-0000	K		1	CONNECTION LEFT	
130	441385-0000	K		1	HUB	
140	256576-0000	F		1	ROLL	
150	441764-0000	K		1	SHAFT	
160	257249-0000	K		2	SCREW	
170	257250-0000	-		2	LID	
190	490942-0000	K		2	COMPRESSION SPRING	
200	490943-0000	K		2	COMPRESSION SPRING	
210	752290-0000	-		1	CLAMP LEFT	
220	272502-0000	K		1	BRACKET LEFT	
230	272503-0000	-		1	CLAMPING PIECE	
240	456312-0000	K		1	TORSION SPRING LEFT	
250	272506-0000	-		2	LACE	
260	751743-0000	K		2	PISTON	
270	441355-0000	-		2	BLEEDING SCREW	
280	751769-0000	K		2	SLEEVE	
300	315237-0107	K		1	GASKET	
306	315237-0106	-		2	GASKET	
308	90030-0065	K		1	PIPE CONNECTION	
310	90090-0005	F		4	STEEL-BALL SKF RB 3/111	
315	90091-0089	F		2	SEALING RINGS,TYPE "GLYD-RING" 16/22X2,5	
320	90091-0214	F		2	SEALING RING	
321	90091-0162	F		2	GUIDE RING	
322	90091-0170	F		2	GUIDE RING	
330	90091-0215	F		2	SEALING RING	
331	90092-0052	-		1	METERING VALVE 10mm3	
332	90092-0053	-		1	METERING VALVE 30mm3	
334	90134-0042	-		2	SPACER DT4.170711.2	
335	90134-0045	-		1	PLUG	
336	90134-0047	-		1	CONNECTION	
337	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
339	90166-0143	-	MM	160	TUBE 2,5 mm PA,Transp.	
340	90296-0068	-	G	25	Grease Uniway LI 62 Cartridge 400 Gr.	
500	311103-0242	K		2	PIN,STRAIGHT 3x30	
510	311103-0312	K		1	PINS,STRAIGHT 5X25	
520	312105-0370	-		11	SCREW M6S ISO 4017 M6x20 A280	
530	312105-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
540	312105-0376	-		6	SCREW M6S ISO 4017 M6x35 A280	
550	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A280	
560	312105-0453	-		1	SCREW M6S ISO 4017 M8x25 A280	
570	312105-0455	-		1	SCREW M6S ISO 4017 M8x30 A280	
580	312115-0371	-		2	SCREW 6X22 A4 80	
590	752476-0000	K		4	SCREW	
600	315105-0153	-		5	WASHER,PLAIN ROUND 6,4x12 Stainless	
605	315105-0165	-		1	WASHER,PLAIN ROUND 8,4x16 Stainless	
610	315115-0153	-		6	WASHER TBRB 6,4x12 Stainless	
620	315202-0102	F		8	O-RINGS 4,1X1,6	
630	315202-0106	F		1	O-RING 8,1x1,6	
640	315202-0108	F		3	O-RING 10,1x1,6	
645	315234-0109	F		2	PLAIN ROUND,COPPER R1/8",M10	
650	321120-0132	K		1	BEARING BUSHING WITHOUT FLANGE,18/20X20	
660	342713-0209	-		2	PLUG,EXT.G-THREAD,HEXAGON SOCKET G1/8"	
TBA 0100B						
010	578626-0000	D		1	BEARING HOUSING	
030	979765-0000	K		1	CARRIER LEFT 100	
TBA 0125S						
010	578626-0000	D		1	BEARING HOUSING	
030	979794-0000	K		1	CARRIER	
TBA 0160S or TBA 0200S						
010	578628-0000	D		1	BEARING HOUSING	
030	979794-0000	K		1	CARRIER	
TBA 0200M or TBA 0250S						
010	574499-0000	D		1	BEARING HOUSING	
030	979794-0000	K		1	CARRIER	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	578627-0000	D		1	BEARING HOUSING	
030	979794-0000	K		1	CARRIER	

PRESSURE RAIL

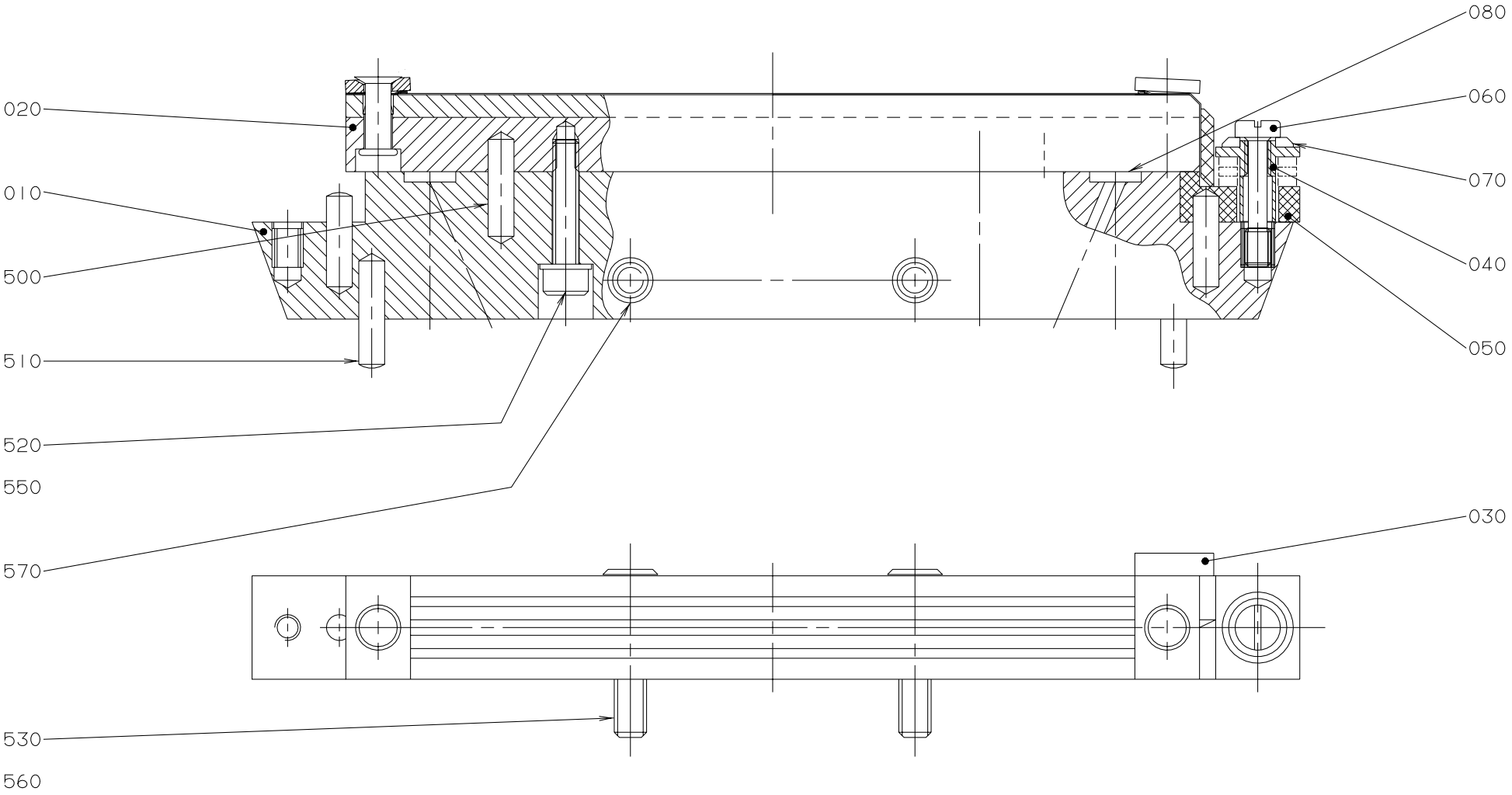


S-256214-6
ECN 09716

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
100	32644-0000	F		1	WASHER	
110	256882-0000	K		1	WASHER	
120	271846-0000	F		1	INSULATION NUT	
130	271848-0000	F		1	SCREW	
140	491681-0000	F		1	GASKET	
200	311103-0270	-		2	PIN,STRAIGHT M6 4x16	
250	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
TBA 0100B or TBA 0125S						
010	978751-0000	-		1	INDUCTOR 125ML	
020	491886-0000	K		1	RAIL	
220	312115-0293	-		3	SCREW MC6S ISO 4762 M4X16 A280	
230	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A280	
240	315105-0136	-		3	WASHER,PLAIN ROUND 4,3x8 Stainless	
TBA 0160S or TBA 0200S						
010	1110532-0000	-		1	INDUCTOR	
020	491962-0000	K		1	RAIL	
220	312115-0293	-		2	SCREW MC6S ISO 4762 M4X16 A280	
230	312115-0331	-		2	SCREW MC6S ISO 4762 M5X20 A280	
240	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
260	315202-0102	F		2	O-RINGS 4,1X1,6	
TBA 0200M or TBA 0250S						
010	1110535-0000	-		1	INDUCTOR	
020	491962-0000	K		1	RAIL	
220	312115-0293	-		2	SCREW MC6S ISO 4762 M4X16 A280	
230	312115-0331	-		2	SCREW MC6S ISO 4762 M5X20 A280	
240	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
260	315202-0102	F		2	O-RINGS 4,1X1,6	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	1110534-0000	-		1	INDUCTOR	
020	491954-0000	K		1	RAIL	
220	312115-0293	-		3	SCREW MC6S ISO 4762 M4X16 A280	
230	312115-0331	-		2	SCREW MC6S ISO 4762 M5X20 A280	
240	315105-0136	-		3	WASHER,PLAIN ROUND 4,3x8 Stainless	
260	315202-0102	F		2	O-RINGS 4,1X1,6	

Pos	Part No	SP	UN	Qty	Description	Page No

PRESSURE RAIL

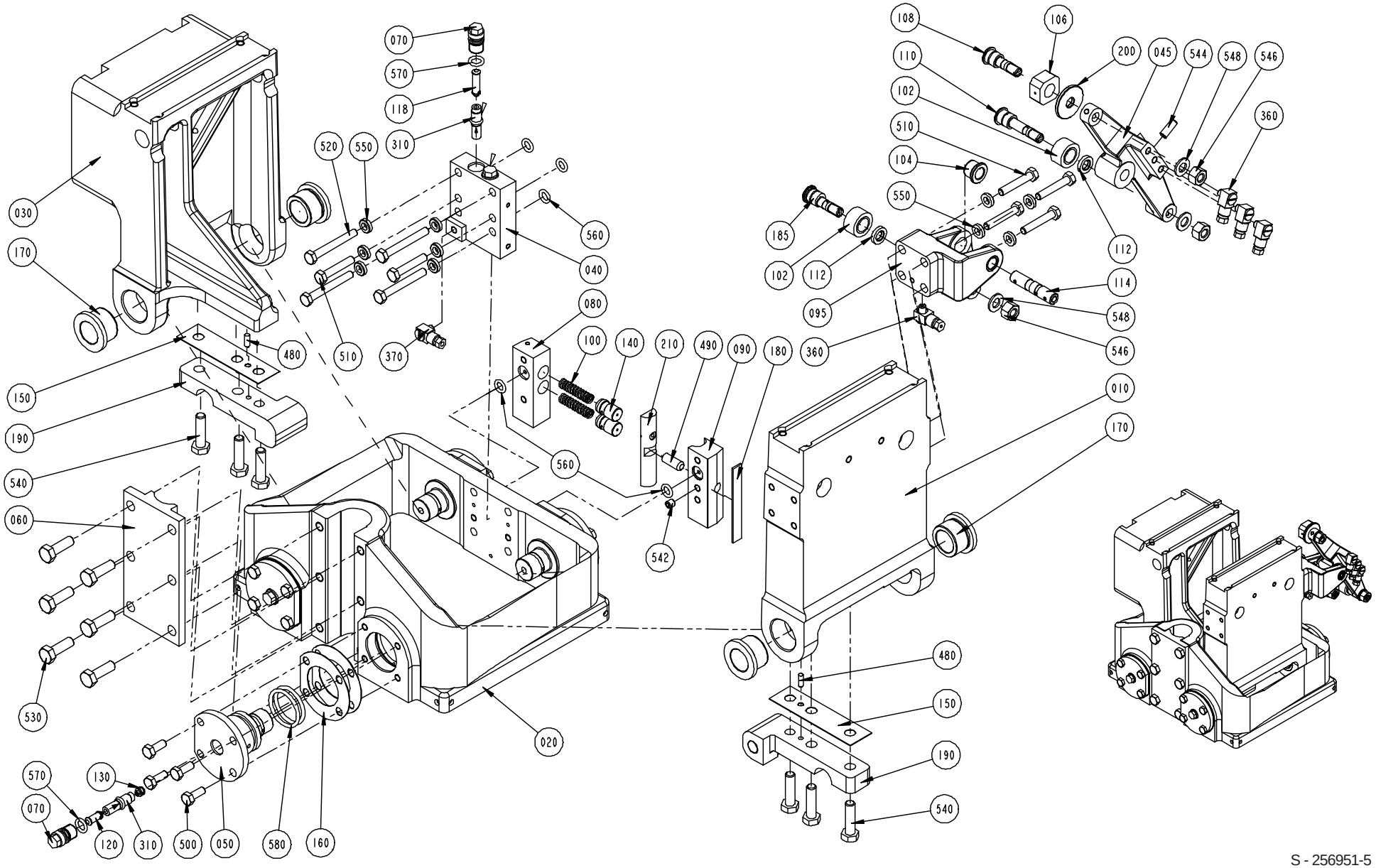


S-256215-6
ECN 19603

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
030	573579-0000	F		1	INSULATING PLATE	
040	271846-0000	F		1	INSULATION NUT	
050	271847-0000	F		1	INSULATION	
060	271848-0000	F		1	SCREW	
070	256882-0000	F		1	WASHER	
080	491681-0000	F		2	GASKET	
500	311103-0269	F		4	PIN,STRAIGHT M6 4x14 RFR	
510	311103-0270	F		2	PIN,STRAIGHT M6 4x16	
520	312115-0295	-		2	SCREW MC6S ISO 4762 M4X20 A280	
530	312115-0331	-		2	SCREW MC6S ISO 4762 M5X20 A280	
550	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
560	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
570	315202-0102	F		2	O-RINGS 4,1X1,6	
0180B or 0200B or 0236B or 0250B or 0284B						
010	575933-0000	K		1	RAIL	
020	B 573452-0000	-		1	TPC BAR	
0200S						
010	573578-0000	K		1	RAIL	
020	B 573576-0000	-		1	TPC BAR	

Pos	Part No	SP	UN	Qty	Description	Page No

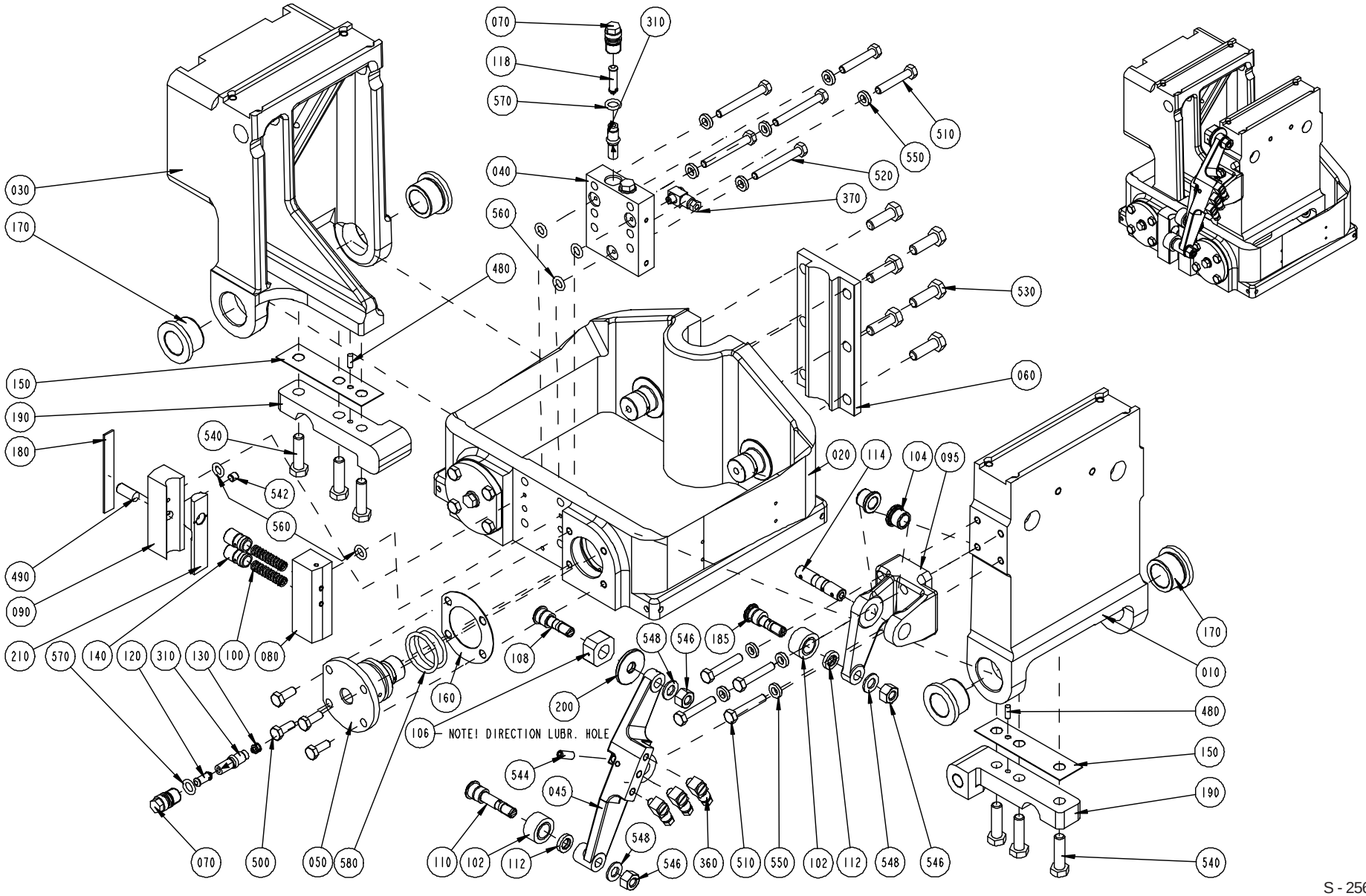
YOKE



S - 256951-5
ECN 71944

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	255609-0000	K		1	ARM CUTTING JAW	
020	B 256834-0000	K		1	YOKE	
040	256953-0000	K		1	BLOCK RIGHT	
045	272492-0000	D		1	ARM RIGHT	
050	272454-0000	K		4	PIVOT PIN	
060	256082-0000	K		1	CAP	
070	256829-0000	K		6	SCREW	
080	256870-0000	K		1	BRACKET	
090	491349-0000	K		1	BEARING SEAT	
095	272496-0000	D		1	BRACKET RIGHT	
100	20239-0000	K		2	COMPRESSION SPRING	
102	22475-0000	K		2	CURVE ROLLER	
104	255653-0000	K		2	FLANGE BUSHING	
106	256628-0000	K		1	PIECE	
108	256629-0001	K		1	AXLE PIN	
110	256629-0003	K		1	AXLE PIN	
112	256704-0000	K		2	WASHER	
114	256710-0000	K		1	SHAFT	
118	256831-0001	K		2	SPACER	
120	256831-0002	K		4	SPACER	
130	256831-0003	K		4	SPACER	
140	256889-0000	K		2	PLUNGER	
150	256890-0000	-		2	LACE	
160	256891-0000	-		6	LACE	
170	257213-0000	K		4	BUSHING	
180	257317-0000	-		1	LACE	
185	271100-0000	K		1	DOWEL	
190	272415-0000	K		2	ARM	
200	441706-0000	K		1	WASHER	
210	491350-0000	K		1	SLIDER	
310	90092-0052	K		6	METERING VALVE 10mm3	
360	90134-0058	-		4	BANJO CONNECTION DT4.310.437.1	
370	90134-0068	-		1	BANJO CONNECTION	
480	311103-0268	-		2	PIN,STRAIGHT 4x12	
490	311103-0401	-		1	PINS,STRAIGHT 8X20	
500	312105-0368	-		16	SCREW M6S ISO 4017 M6x16 A280	
510	312105-0376	-		6	SCREW M6S ISO 4017 M6x35 A280	
520	312105-0380	-		4	SCREW M6S ISO 4014 M6x50 A280	
530	312105-0453	-		6	SCREW M6S ISO 4017 M8x25 A280	
540	312105-0455	-		6	SCREW M6S ISO 4017 M8x30 A280	
542	312318-0360	-		1	STOP SCREW SK6SS6X6RFR	
544	312318-0368	-		1	SET SCREW CUP POINT ISO 4029 M6x16 RFR	
546	312811-0318	-		3	LOCK NUT M8RFR	
548	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
550	315115-0153	-		10	WASHER TBRB 6,4x12 Stainless	
560	315202-0206	K		5	O-RING 7,3x2,4	
570	315202-0207	K		6	O-RING 8,3x2,4	
580	315202-0219	K		8	O-RING 29,2x3	
TPC or US						
030	256869-0000	K		1	ARM PRESSURE JAW	
TBA IH						
030	562120-0000	K		1	ARM PRESSURE JAW	

YOKE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NOTE! DIRECTION LUBR. HOLE
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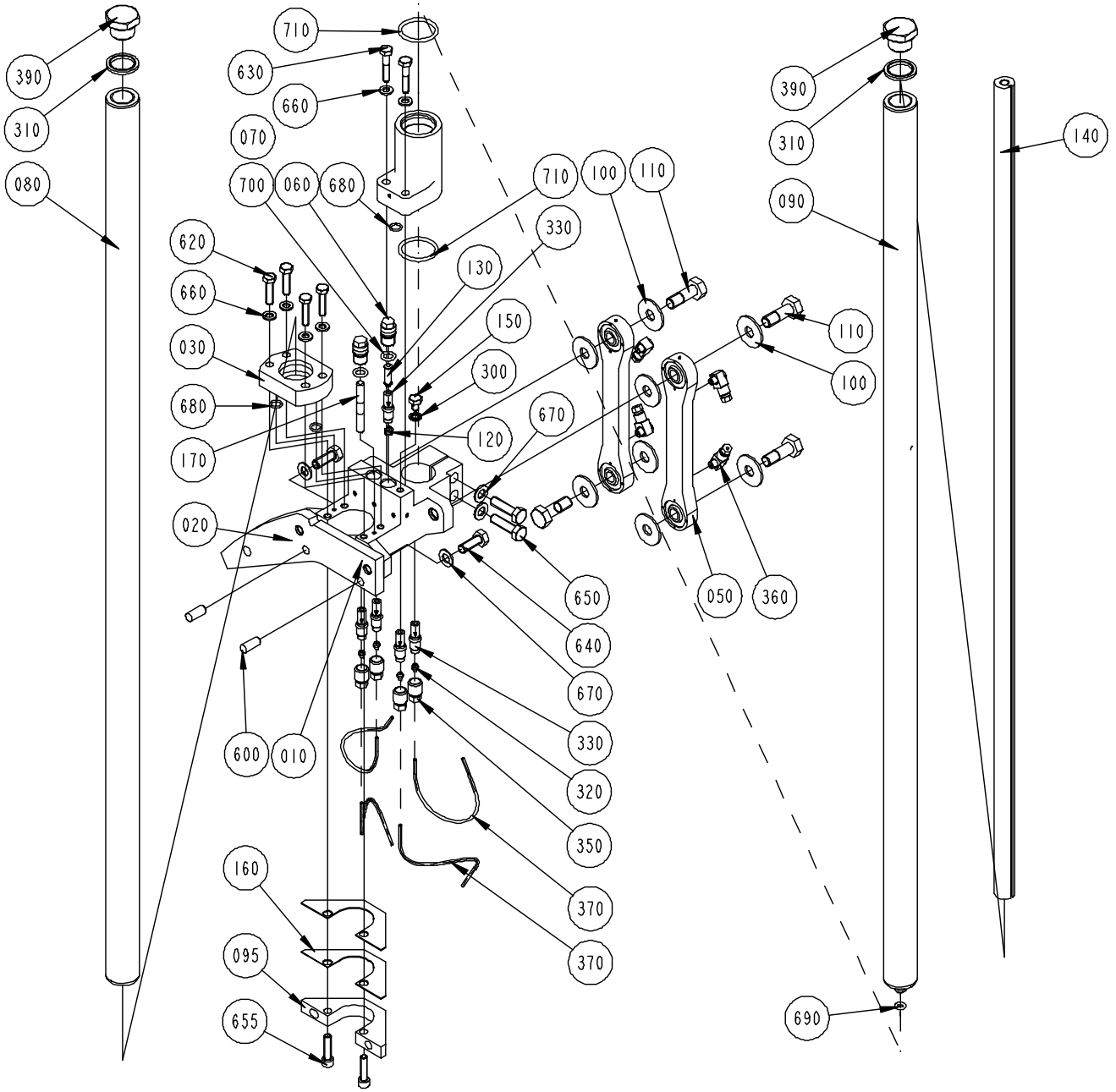
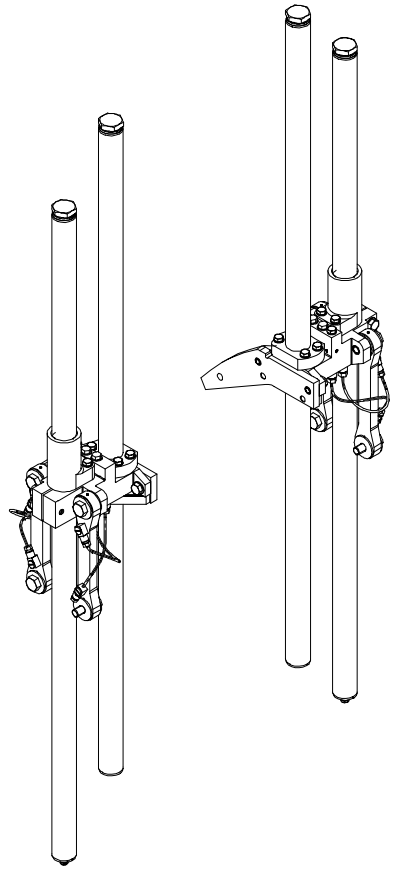
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	255609-0000	K		1	ARM CUTTING JAW	
020	B 256834-0000	K		1	YOKE	
040	256954-0000	K		1	BLOCK LEFT	
045	272493-0000	D		1	ARM LEFT	
050	272454-0000	K		4	PIVOT PIN	
060	256082-0000	K		1	CAP	
070	256829-0000	K		6	SCREW	
080	256870-0000	K		1	BRACKET	
090	491349-0000	K		1	BEARING SEAT	
095	272497-0000	D		1	BRACKET LEFT	
100	20239-0000	K		2	COMPRESSION SPRING	
102	22475-0000	K		2	CURVE ROLLER	
104	255653-0000	K		2	FLANGE BUSHING	
106	256628-0000	K		1	PIECE	
108	256629-0001	K		1	AXLE PIN	
110	256629-0003	K		1	AXLE PIN	
112	256704-0000	K		2	WASHER	
114	256710-0000	K		1	SHAFT	
118	256831-0001	K		2	SPACER	
120	256831-0002	K		4	SPACER	
130	256831-0003	K		4	SPACER	
140	256889-0000	K		2	PLUNGER	
150	256890-0000	-		2	LACE	
160	256891-0000	-		6	LACE	
170	257213-0000	K		4	BUSHING	
180	257317-0000	-		1	LACE	
185	271100-0000	K		1	DOWEL	
190	272415-0000	K		2	ARM	
200	441706-0000	K		1	WASHER	
210	491350-0000	K		1	SLIDER	
310	90092-0052	K		6	METERING VALVE 10mm3	
360	90134-0058	-		4	BANJO CONNECTION DT4.310.437.1	
370	90134-0068	-		1	BANJO CONNECTION	
480	311103-0268	-		2	PIN,STRAIGHT 4x12	
490	311103-0401	-		1	PINS,STRAIGHT 8X20	
500	312105-0368	-		16	SCREW M6S ISO 4017 M6x16 A280	
510	312105-0376	-		6	SCREW M6S ISO 4017 M6x35 A280	
520	312105-0380	-		4	SCREW M6S ISO 4014 M6x50 A280	
530	312105-0453	-		6	SCREW M6S ISO 4017 M8x25 A280	
540	312105-0455	-		6	SCREW M6S ISO 4017 M8x30 A280	
542	312318-0360	-		1	STOP SCREW SK6SS6X6RFR	
544	312318-0368	-		1	SET SCREW CUP POINT ISO 4029 M6x16 RFR	
546	312811-0318	-		3	LOCK NUT M8RFR	
548	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
550	315115-0153	-		10	WASHER TBRB 6,4x12 Stainless	
560	315202-0206	K		5	O-RING 7,3x2,4	
570	315202-0207	K		6	O-RING 8,3x2,4	
580	315202-0219	K		8	O-RING 29,2x3	
TPC or US						
030	256869-0000	K		1	ARM PRESSURE JAW	
TBA IH						
030	562120-0000	K		1	ARM PRESSURE JAW	



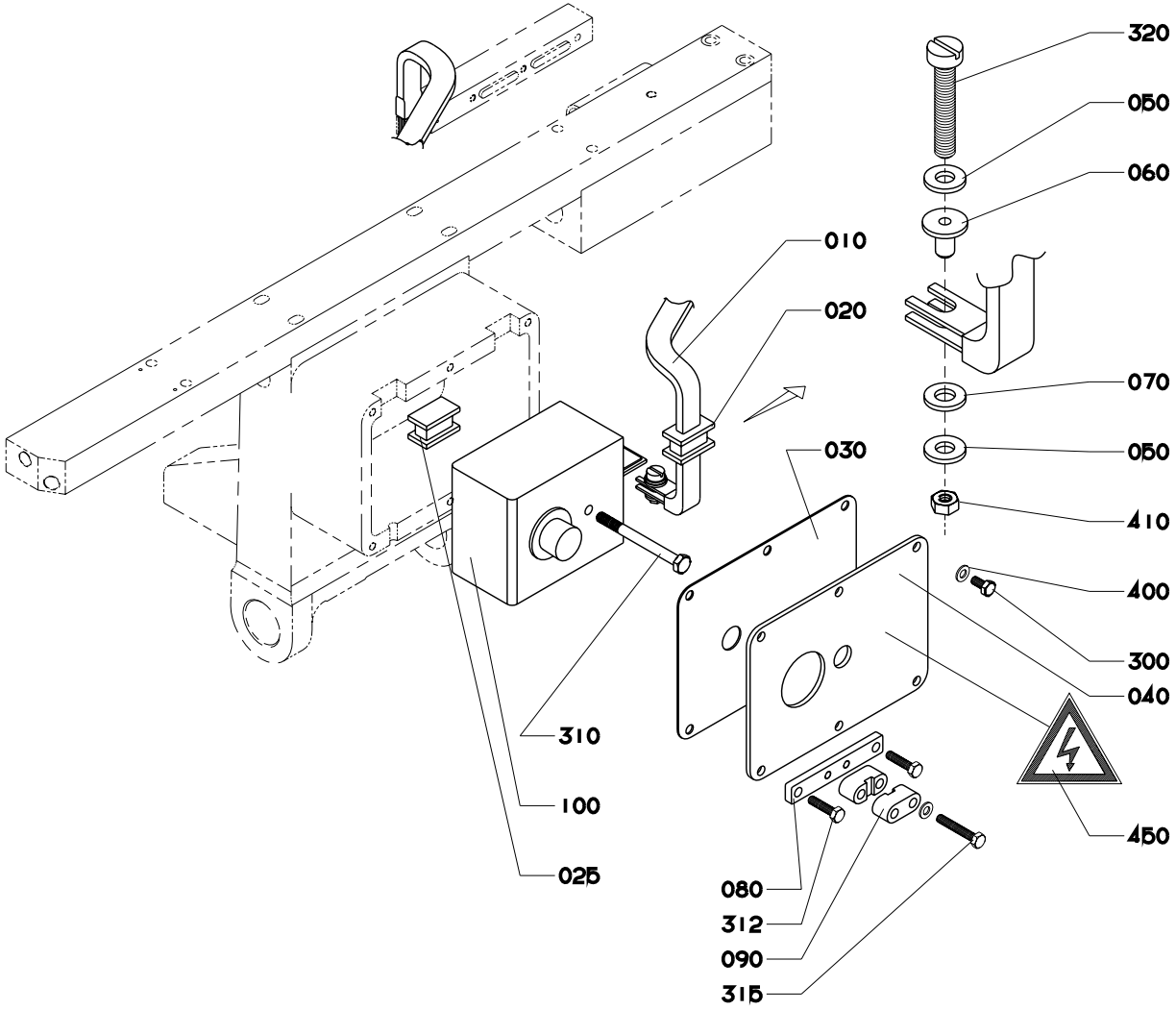


S - 256217-4
ECN 72183

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	B 441749-0000	K		2	CURVE	
030	456002-0000	K		2	BEARING	
050	B 441031-0000	K		4	LINK BEARING	
060	256829-0000	K		4	SCREW	
070	272490-0000	D		2	SLEEVE	
080	441269-0000	D		2	GUIDE	
090	441268-0000	D		2	GUIDE	
100	256738-0000	K		16	WASHER	
110	256739-0000	K		8	SCREW	
120	256831-0003	K		2	SPACER	
130	256831-0004	K		2	SPACER	
140	272840-0000	-		2	ROD	
150	441355-0000	-		2	BLEEDING SCREW	
170	456004-0000	-		2	SPACER	
300	90005-0003	K		2	WASHER,Bolt head 6,7x11;H=1 M6	
310	90005-0014	K		4	WASHER,Bolt head 21,5x28,6;H=2,5 G1/2"	
320	90028-0020	F		8	CONE DT13700S-300 Di=2,5mm	
330	90092-0052	K		10	METERING VALVE 10mm3	
350	90134-0039	-		8	BUSHING DT4.018912.1 Stainless	
360	90134-0058	-		8	BANJO CONNECTION DT4.310.437.1	
370	90166-0143	-	MM	1240	TUBE 2,5 mm PA,Transp.	
390	90330-0037	-		4	PLUG,EXTERNAL G-THREAD G1/2"	
620	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A280	
630	312105-0374	-		4	SCREW M6S ISO 4017 M6X30 A280	
650	312105-0455	-		4	SCREW M6S ISO 4017 M8x30 A280	
660	315105-0153	-		10	WASHER,PLAIN ROUND 6,4x12 Stainless	
680	315202-0106	K		6	O-RING 8,1x1,6	
690	315202-0204	K		2	O-RING 5,3x2,4	
700	315202-0207	K		4	O-RING 8,3x2,4	
710	315202-0219	K		4	O-RING 29,2x3	
TBA						
010	578106-0000	D		2	BRACKET	
095	441750-0000	K		2	YOKE	
160	441751-0000	K		4	LACE	
600	311103-0401	-		4	PINS,STRAIGHT 8X20	
640	312105-0452	-		4	SCREW M6S 8x22 Stainless	
655	312115-0372	-		4	SCREW MC6S ISO 4762 M6x25 A280	
670	315105-0165	-		8	WASHER,PLAIN ROUND 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

TRANSFER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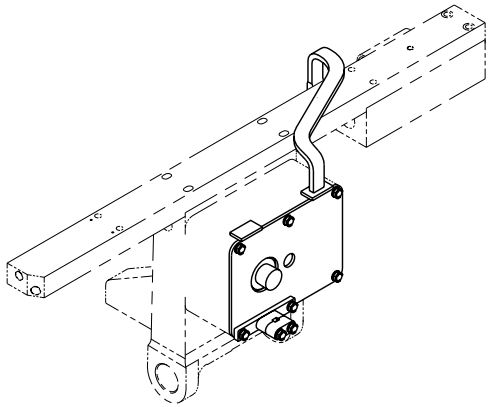
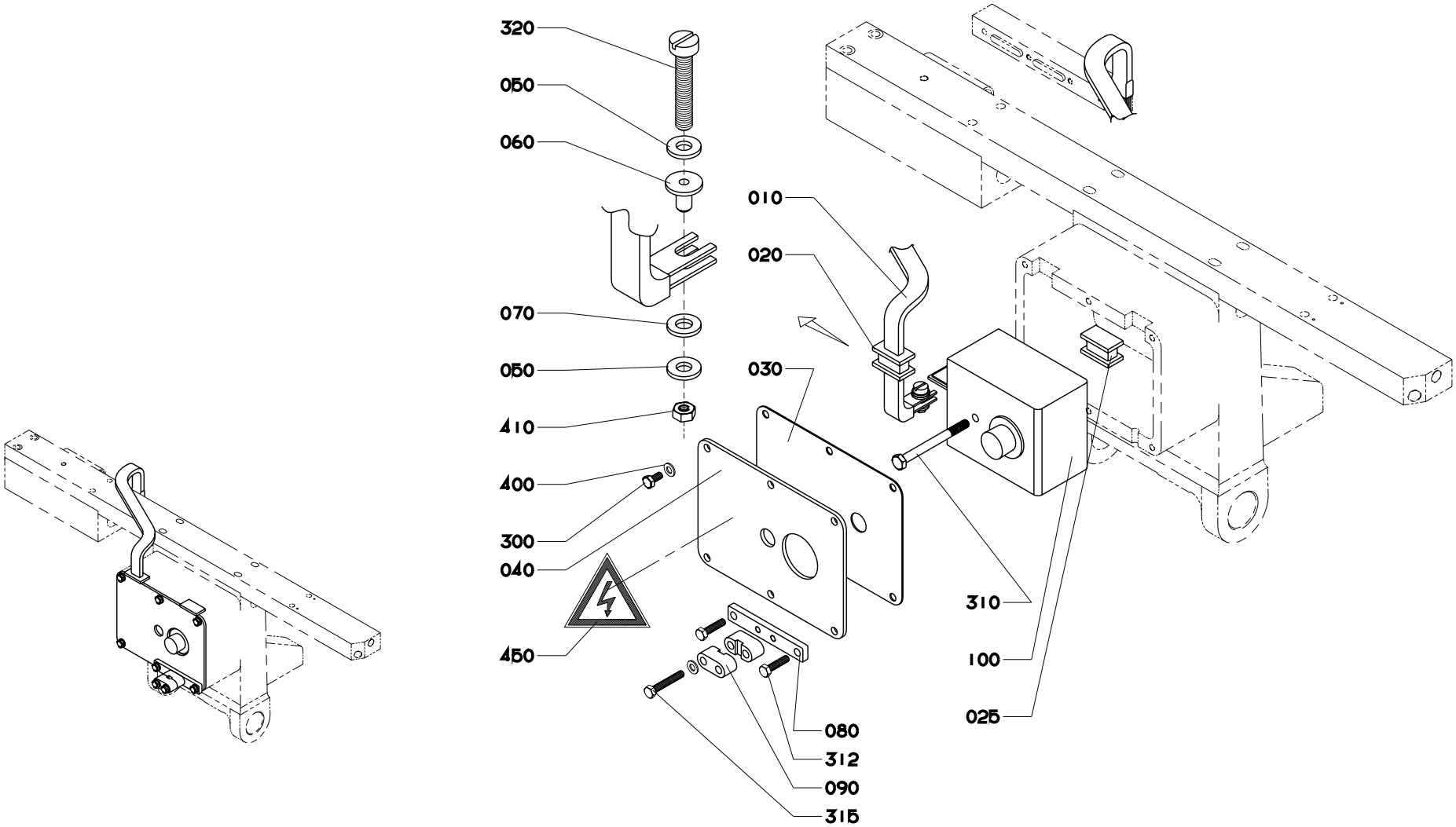


Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	571873-0000	K		1	SEAL	
025	571874-0000	K		1	SEALING PLUG	
030	562119-0000	K		1	GASKET	
040	562118-0000	K		1	LID	
050	28509-0000	K		2	WASHER	
060	32544-0000	K		1	INSULATION NUT	
070	32079-0000	K		1	WASHER	
080	578104-0000	-		1	SHEET	
090	464368-0000	-		2	CRAMP	
300	312105-0325	-		4	SCREW M6S 5x10 A2 80	
310	312101-0343	-		1	SCREW M6S5X60FZB	
312	312105-0328	-		2	SCREW M6S5X14 A2 80	
315	312105-0335	-		2	SCREW M6S ISO 4017 M5x30 A280	
320	312122-0294	-		1	SLOTTED HEMCS4X18MSGFN	
400	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
410	312602-0312	-		1	NUTS,HEXAGON M4	
450	90194-0016	K		1	SIGN "FLASH SIGN" 50X50MM	
TBA 0100B						
010	979932-0000	K		1	BUSBAR RIGHT	
100	67379-0113	-		1	IH TRANSF.1.PRIM.5.C=29NF	
TBA 0125S						
010	571869-0000	K		1	BUSBAR,RIGHT	
100	67379-0113	-		1	IH TRANSF.1.PRIM.5.C=29NF	
TBA 0160S or TBA 0200M or TBA 0200S or TBA 0250S						
010	571871-0000	K		1	BUSBAR,RIGHT	
100	67379-0105	-		1	IH TRANSF.1.PRIM.5;25,8NF	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	571871-0000	K		1	BUSBAR,RIGHT	
100	67379-0114	-		1	IH TRANSF.1.PRIM.5;C=27,8NF	

Pos	Part No	SP	UN	Qty	Description	Page No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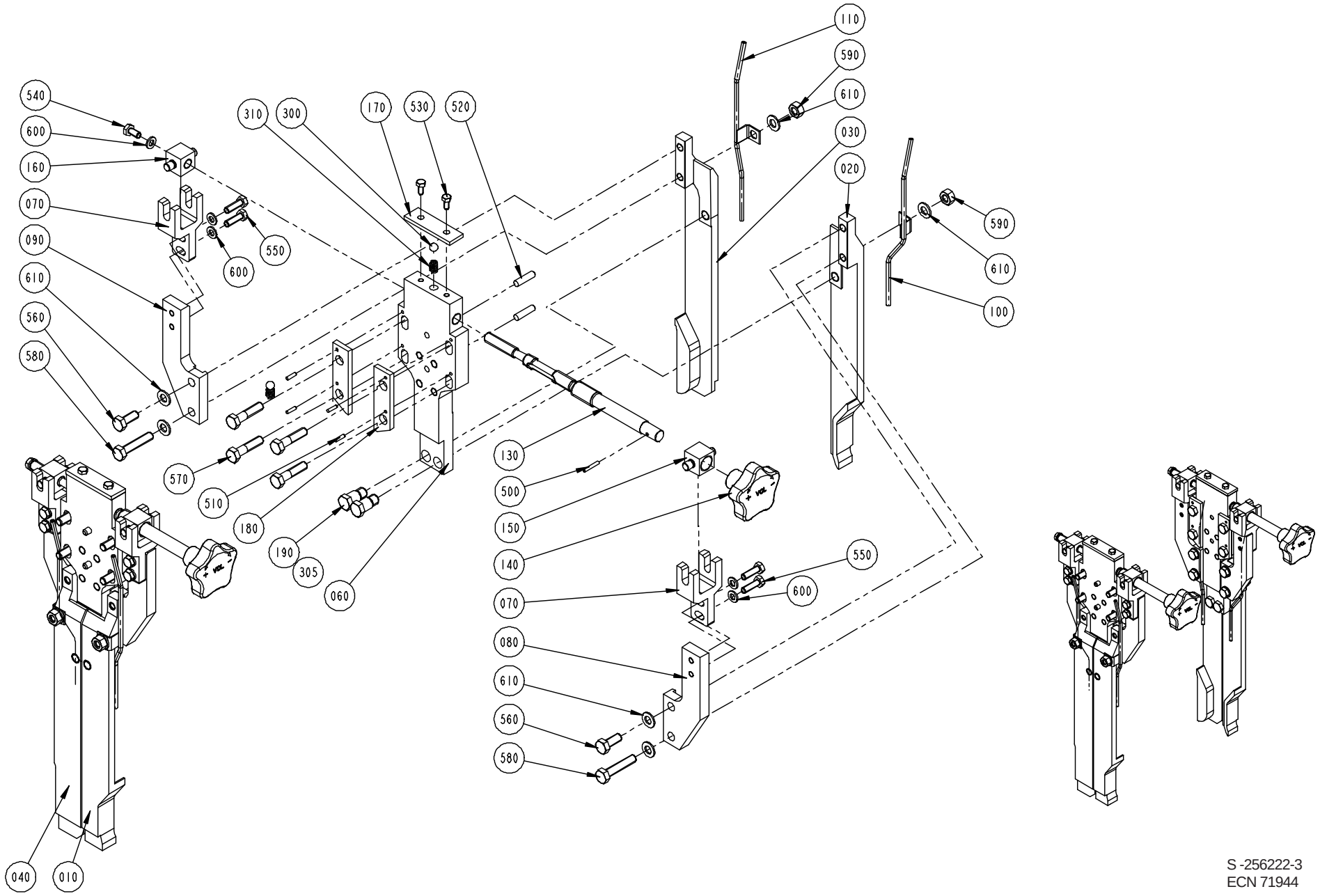
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	571873-0000	K		1	SEAL	
025	571874-0000	K		1	SEALING PLUG	
030	562119-0000	K		1	GASKET	
040	562118-0000	K		1	LID	
050	28509-0000	K		2	WASHER	
060	32544-0000	K		1	INSULATION NUT	
070	32079-0000	K		1	WASHER	
080	578104-0000	-		1	SHEET	
090	464368-0000	-		2	CRAMP	
300	312105-0325	-		4	SCREW M6S 5x10 A2 80	
310	312101-0343	-		1	SCREW M6S5X60FZB	
312	312105-0328	-		2	SCREW M6S5X14 A2 80	
315	312105-0335	-		2	SCREW M6S ISO 4017 M5x30 A280	
320	312122-0294	-		1	SLOTTED HEMCS4X18MSGFN	
400	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
410	312602-0312	-		1	NUTS,HEXAGON M4	
450	90194-0016	K		1	SIGN "FLASH SIGN" 50X50MM	
TBA 0100B						
030	979933-0000	K		1	BUSBAR LEFT	
100	67379-0113	-		1	IH TRANSF.1.PRIM.5.C=29NF	
TBA 0125S						
010	571870-0000	K		1	BUSBAR,LEFT	
100	67379-0113	-		1	IH TRANSF.1.PRIM.5.C=29NF	
TBA 0160S or TBA 0200M or TBA 0200S or TBA 0250S						
010	571872-0000	K		1	BUSBAR,LEFT	
100	67379-0105	-		1	IH TRANSF.1.PRIM.5;25,8NF	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	571872-0000	K		1	BUSBAR,LEFT	
100	67379-0114	-		1	IH TRANSF.1.PRIM.5;C=27,8NF	

Pos	Part No	SP	UN	Qty	Description	Page No

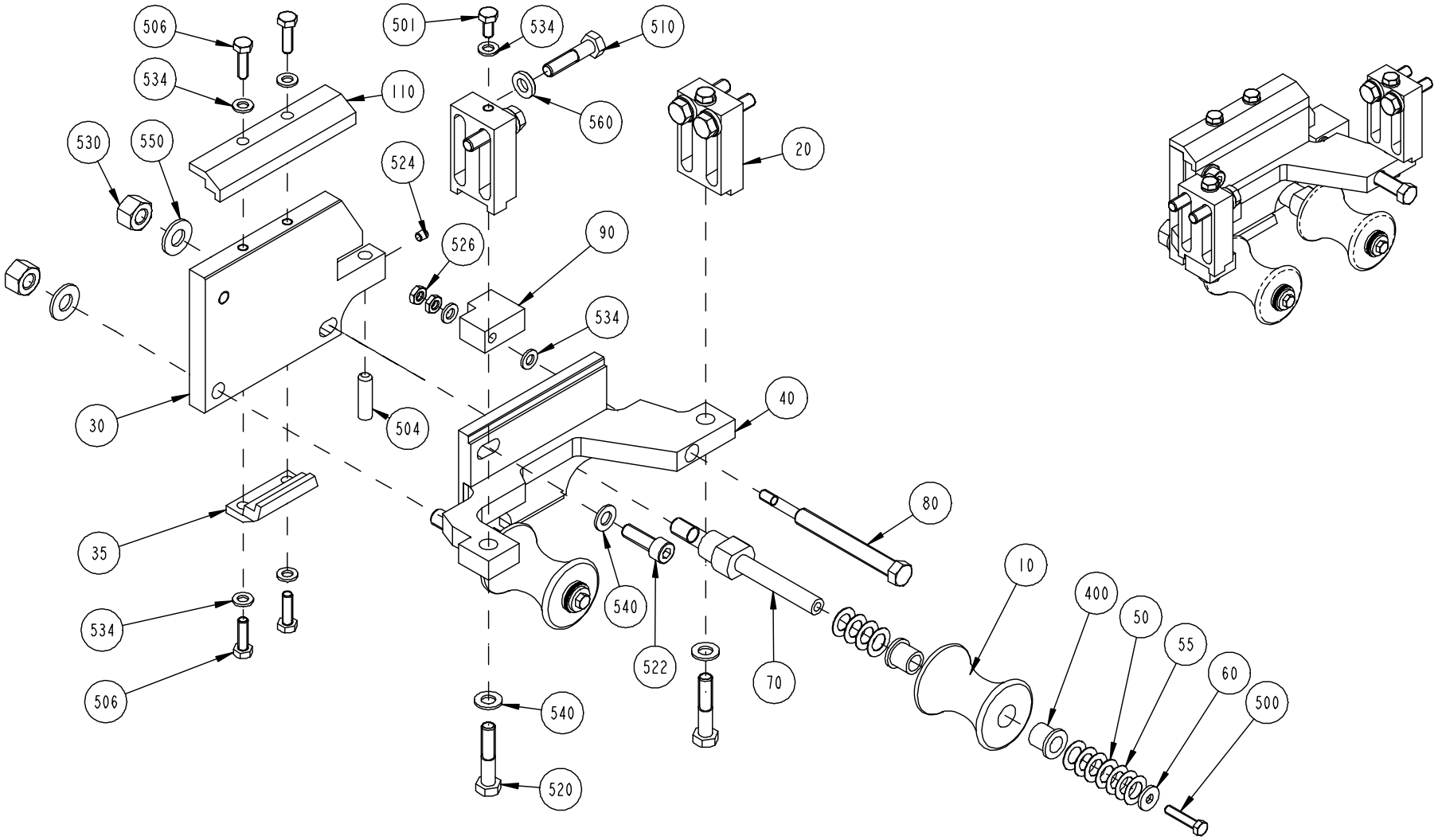
VOLUM CURVE PIECE



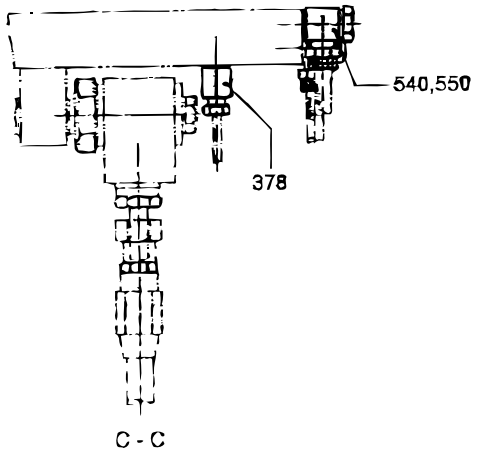
S -256222-3
ECN 71944

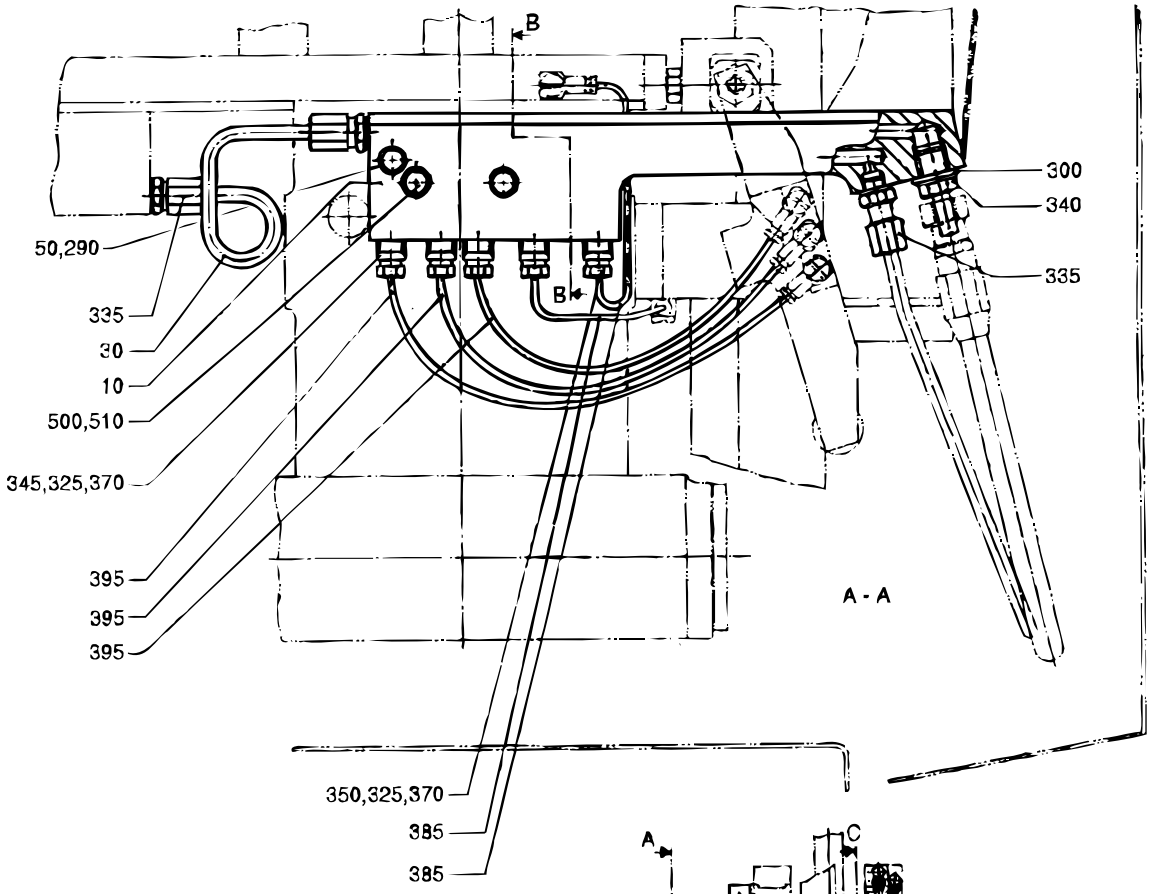
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
060	272969-0000	-		2	BRACKET	
070	272761-0000	K		4	FORK	
080	272970-0000	-		2	ARM LEFT	
090	272971-0000	-		2	ARM RIGHT	
100	441758-0000	K		2	PIPE RIGHT	
110	441759-0000	K		2	PIPE LEFT	
130	272978-0000	K		2	SPINDLE	
140	240797-0000	-		2	HANDLE	
150	257393-0001	K		2	NUT	
160	257393-0002	K		2	NUT	
170	257395-0000	-		2	WASHER	
180	272972-0000	-		4	RULER	
190	272973-0000	K		4	DOWEL	
300	90090-0014	K		2	STEEL BALL RB 7,9389 RJ	
305	90157-0021	-	L	x	LOCKING FLUID	
310	90335-0011	K		2	SPRING	
500	311103-0238	-		2	PIN,STRAIGHT 3x20	
510	311103-0234	-		8	PIN,STRAIGHT 3x12	
520	311103-0355	-		4	PIN,STRAIGHT 6x25	
530	312105-0325	-		4	SCREW M6S 5x10 A2 80	
540	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
550	312105-0370	-		8	SCREW M6S ISO 4017 M6x20 A280	
560	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
570	312105-0457	-		8	SCREW ISO 4017 M8x35 A280	
580	312109-0459	-		4	SCREW M6S ISO 4017 M8X40 A280	
590	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
600	315105-0153	-		10	WASHER,PLAIN ROUND 6,4x12 Stainless	
610	315105-0165	-		12	WASHER,PLAIN ROUND 8,4x16 Stainless	
TBA 0100B						
010	979772-0000	K		1	VOLUME CAM L 100	
020	979774-0000	K		1	VOLUME CAM R 100	
030	979773-0000	K		1	VOLUME CAM L WIDE 100	
040	979775-0000	K		1	VOLUME CAM R WIDE 100	
TBA 0125S						
010	272955-0000	K		1	VOLUME CAM LEFT	
020	272963-0000	K		1	VOLUME CAM RIGHT	
030	272966-0000	K		1	VOLUME CAM LEFT, WIDE	
040	272968-0000	K		1	VOLUME CAM RIGHT, WIDE	
TBA 0160S						
010	577221-0000	K		1	VOLUME CAM LEFT	
020	577222-0000	K		1	VOLUME CAM RIGHT	
030	577223-0000	K		1	VOLUME CAM LEFT, WIDE	
040	577224-0000	K		1	VOLUME CAM RIGHT, WIDE	
TBA 0200S						
010	491436-0000	K		1	VOLUME CAM LEFT	
020	491434-0000	K		1	VOLUME CAM RIGHT	
030	491433-0000	K		1	VOLUME CAM LEFT, WIDE	
040	491435-0000	K		1	VOLUME CAM RIGHT, WIDE	
TBA 0250S						
010	574495-0000	K		1	VOLUME CAM L	
020	574496-0000	K		1	VOLUME CAM R	
030	574497-0000	K		1	VOLUME CAM L WIDE	
040	574498-0000	K		1	VOLUME CAM R WIDE	
TBA 0180B						
010	272956-0000	K		1	VOLUME CAM LEFT	
020	272964-0000	K		1	VOLUME CAM RIGHT	
030	272965-0000	K		1	VOLUME CAM LEFT, WIDE	
040	272967-0000	K		1	VOLUME CAM RIGHT, WIDE	
TBA 0200B						
010	272955-0000	K		2	VOLUME CAM LEFT	
020	272963-0000	K		2	VOLUME CAM RIGHT	
TBA 0236B						
010	272954-0000	K		2	VOLUME CAM LEFT	
020	272962-0000	K		2	VOLUME CAM RIGHT	
TBA 0250B						
010	272953-0000	K		2	VOLUME CAM LEFT	
020	272961-0000	K		2	VOLUME CAM RIGHT	
TBA 0284B or TBA 0300S						
010	272949-0000	K		2	VOLUME CAM LEFT	
020	272957-0000	K		2	VOLUME CAM RIGHT	
TBA 0330S						
010	582166-0000	-		1	VOLUME CAM L 330S	
020	582164-0000	-		1	VOLUME CAM R 330S	
030	582167-0000	-		1	VOLUME CAM L WIDE 330S	
040	582165-0000	-		1	VOLUME CAM R WIDE 330S	
TBA 0200M						
010	1282315-0000	K		2	VOLUME CAM LEFT	
020	1282316-0000	K		2	VOLUME CAM RIGHT	

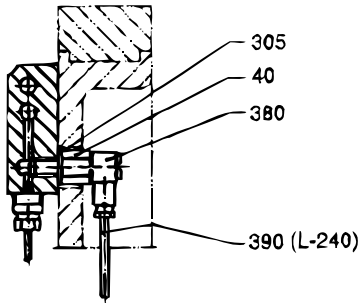
SUPPORT ROLLER

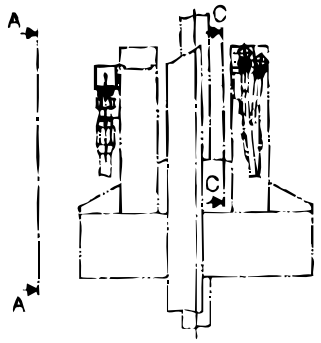


Pos	Part No	SP	UN	Qty	Description	Page No
PT19 TBA 0180B IH or PT19 TBA 0200B IH or PT19 TBA 0236B IH or PT19 TBA 0250B IH or PT19 TBA 0284B IH or PT19 TBA 0330S IH						
010	978757-0000	K		2	ROLLER 180-284ML	
020	272974-0001	-		2	BRACKET	
030	295748-0001	-		1	BACK PIECE	
035	752651-0000	-		1	STEERING RAIL	
NOPT TBA 0180B IH or NOPT TBA 0200B IH or NOPT TBA 0236B IH or NOPT TBA 0250B IH or NOPT TBA 0284B IH or NOPT TBA 0300S IH or NOPT TBA 0330S IH						
010	978757-0000	K		2	ROLLER 180-284ML	
020	272974-0001	-		2	BRACKET	
030	295748-0001	-		1	BACK PIECE	
PT19 TBA 0100B IH or PT19 TBA 0125S IH						
010	978758-0000	K		2	ROLLER 125ML	
020	272974-0002	-		2	BRACKET	
030	295748-0002	-		1	BACK PIECE	
035	752651-0000	-		1	STEERING RAIL	
NOPT TBA 0100B IH or NOPT TBA 0125S IH or NOPT TWA 0125S IH						
010	978758-0000	K		2	ROLLER 125ML	
020	272974-0002	-		2	BRACKET	
030	295748-0002	-		1	BACK PIECE	
PT19 TBA 0160S IH or PT19 TBA 0200S IH						
010	978760-0000	K		2	ROLLER TBA200SL	
020	272974-0001	-		2	BRACKET	
030	295748-0003	-		1	BACK PIECE	
035	752651-0000	-		1	STEERING RAIL	
NOPT TBA 0160S IH or NOPT TBA 0200S IH or NOPT TWA 0200S IH						
010	978760-0000	K		2	ROLLER TBA200SL	
020	272974-0001	-		2	BRACKET	
030	295748-0003	-		1	BACK PIECE	
PT19 TB 0200S TPC						
010	978759-0000	K		2	ROLLER TB200SL	
020	272974-0001	-		2	BRACKET	
030	295748-0003	-		1	BACK PIECE	
035	752651-0000	-		1	STEERING RAIL	
NOPT TB 0200S TPC						
010	978759-0000	K		2	ROLLER TB200SL	
020	272974-0001	-		2	BRACKET	
030	295748-0003	-		1	BACK PIECE	
PT19 TBA 0200M IH or PT19 TBA 0250S IH						
010	574385-0000	K		2	ROLLER TBA250SL	
020	272974-0001	-		2	BRACKET	
030	574408-0000	-		1	BACK PIECE	
035	752651-0000	-		1	STEERING RAIL	
NOPT TBA 0200M IH or NOPT TBA 0250S IH						
010	574385-0000	K		2	ROLLER TBA250SL	
020	272974-0001	-		2	BRACKET	
030	574408-0000	-		1	BACK PIECE	
Common parts						
040	752649-0000	-		1	CANTILEVER	
050	2033-0009	F		16	WASHER	
055	2033-0014	F		6	WASHER	
060	27815-0000	K		2	WASHER	
070	978756-0000	-		2	PIN	
080	295744-0000	D		1	SCREW	
090	295749-0000	-		1	ADJUSTING BLOCK	
110	295750-0002	-		1	STEERING RAIL	
400	90240-0180	-		4	BEARING BUSHING WITH FLANGE,10/14x15 NFB	
500	312105-0333	-		2	SCREW M6S ISO 4017 M5x25 A280	
501	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
504	311103-0405	-		1	PINS,STRAIGHT 8X30	
506	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
510	312105-0457	-		4	SCREW ISO 4017 M8x35 A280	
520	312105-0459	-		2	SCREW ISO 4017 M8x40 A280	
522	312115-0453	-		1	SCREW MC6S ISO 4762 M8X25 A280	
524	312318-0321	-		1	STOP SCREW SK6SS 5x6 A4	
526	312625-0316	-		2	NUTS,HEXAGON,M6	
530	312811-0320	-		2	LOCK NUT M10RFR	
534	315105-0153	-		8	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
550	315105-0173	-		2	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
560	315115-0165	-		4	WASHER TBRB 8,4x16 Stainless	





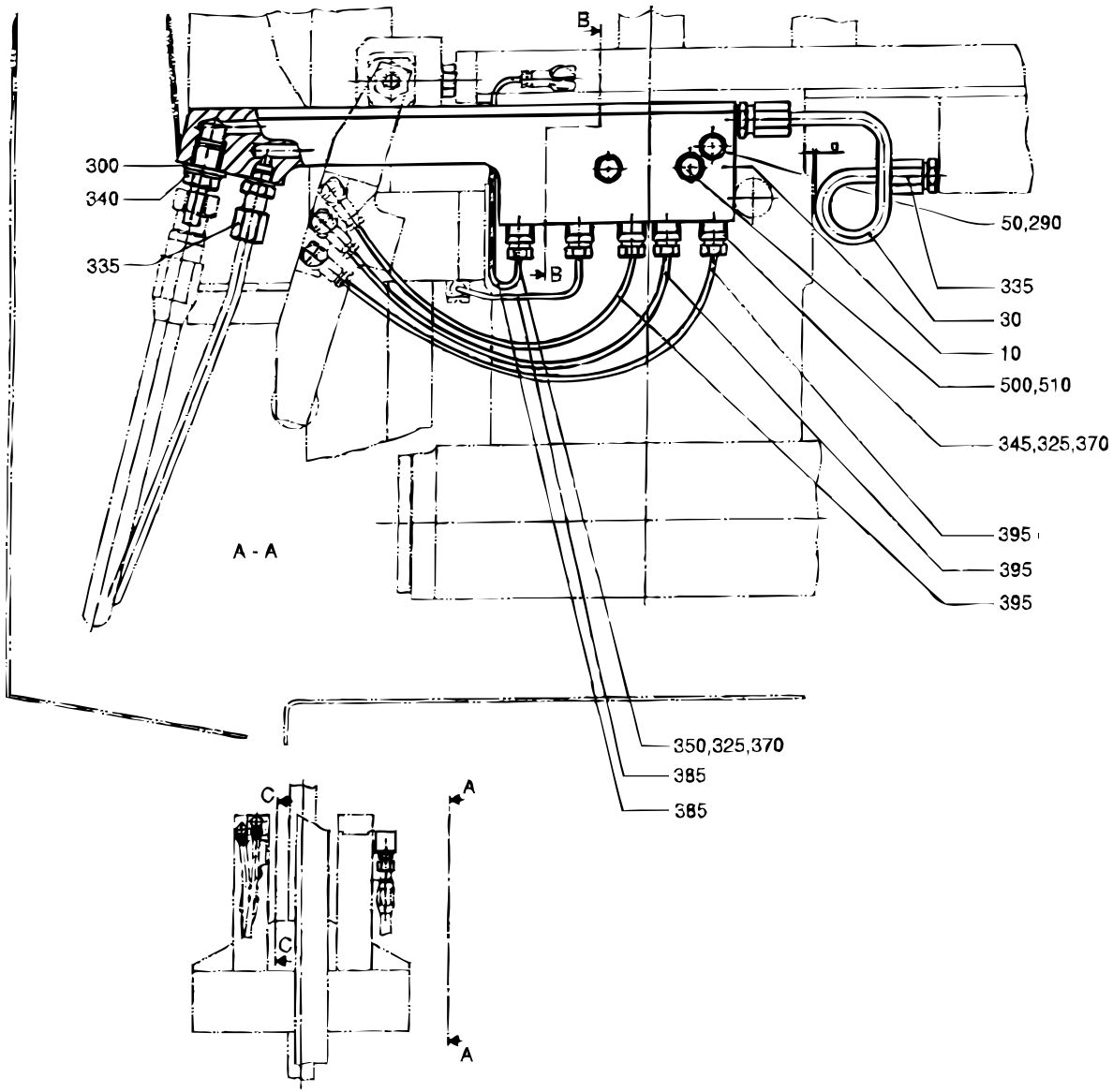


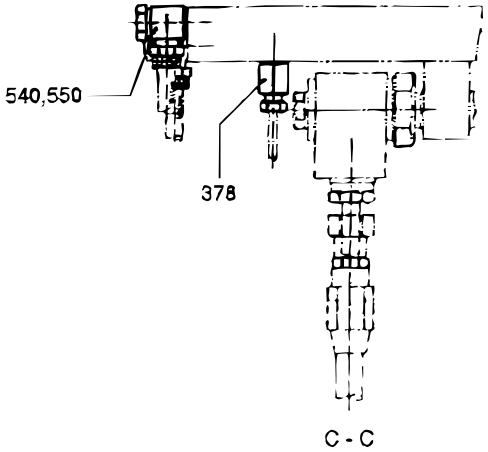


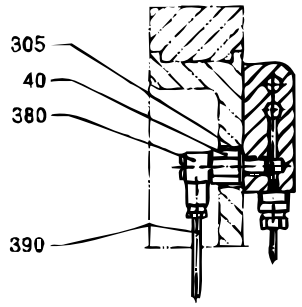
S-257381-3
ECN 06300

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	456017-0000	K		1	HOSE HOLDER RIGHT	
030	257379-0000	-		1	HYDRAULIC PIPE RIGHT	
040	257000-0000	K		1	NIPPLE	
050	441355-0000	-		1	BLEEDING SCREW	
290	90005-0003	-		1	WASHER,Bolt head 6,7x11;H=1 M6	
300	90005-0005	F		1	WASHER,Bolt head 13,7x20,6;H=2,1 G1/4"	
305	90005-0007	-		1	WASHER,Bolt head 8,7x14;H=1 M8	
325	90028-0020	F		5	CONE DT13700S-300 Di=2,5mm	
335	90030-0184	-		3	STRAIGHT CONNECTION GA-6-G1/8"	
340	90030-0065	-		1	PIPE CONNECTION	
345	90092-0052	F		4	METERING VALVE 10mm3	
350	90092-0053	-		1	METERING VALVE 30mm3	
370	90134-0039	F		5	BUSHING DT4.018912.1 Stainless	
378	90134-0066	-		1	CONNECTION DT2.751110.1D	
380	90134-0068	-		1	BANJO CONNECTION	
385	90266-0019	-	MM	270	PIPE	
390	90166-0109	F	MM	240	TUBE 4 mm PA,Transp.	
395	90166-0143	-	MM	640	TUBE 2,5 mm PA,Transp.	
500	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
510	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
540	342980-0121	-		2	BANJO-CONNECTION,RING 8/6-G1/8"	
550	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No







S-257382-3
ECN 06300

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	456018-0000	K		1	HOSE HOLDER LEFT	
030	257380-0000	-		1	HYDRAULIC PIPE LEFT	
040	257000-0000	K		1	NIPPLE	
050	441355-0000	-		1	BLEEDING SCREW	
290	90005-0003	-		1	WASHER,Bolt head 6,7x11;H=1 M6	
300	90005-0005	F		1	WASHER,Bolt head 13,7x20,6;H=2,1 G1/4"	
305	90005-0007	-		1	WASHER,Bolt head 8,7x14;H=1 M8	
325	90028-0020	F		5	CONE DT13700S-300 Di=2,5mm	
335	90030-0184	-		3	STRAIGHT CONNECTION GA-6-G1/8"	
340	90030-0065	-		1	PIPE CONNECTION	
345	90092-0052	F		4	METERING VALVE 10mm3	
350	90092-0053	-		1	METERING VALVE 30mm3	
370	90134-0039	F		5	BUSHING DT4.018912.1 Stainless	
378	90134-0066	-		1	CONNECTION DT2.751110.1D	
380	90134-0068	-		1	BANJO CONNECTION	
385	90266-0019	-	MM	270	PIPE	
390	90166-0109	F	MM	240	TUBE 4 mm PA,Transp.	
395	90166-0143	-	MM	640	TUBE 2,5 mm PA,Transp.	
500	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
510	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
540	342980-0121	-		2	BANJO-CONNECTION,RING 8/6-G1/8"	
550	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
020	978751-0000	-		2	INDUCTOR 125ML	
040	978454-0000	-		4	DOLLY	
TBA 0160S or TBA 0200S						
025	1110532-0000	-		2	INDUCTOR	
055	1110375-0003	-		4	DOLLY	
TBA 0200M or TBA 0250S						
028	1110535-0000	-		2	INDUCTOR	
060	1110375-0003	-		4	DOLLY	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	1110534-0000	-		2	INDUCTOR	
050	1110375-0003	-		4	DOLLY	

Pos	Part No	SP	UN	Qty	Description	Page No

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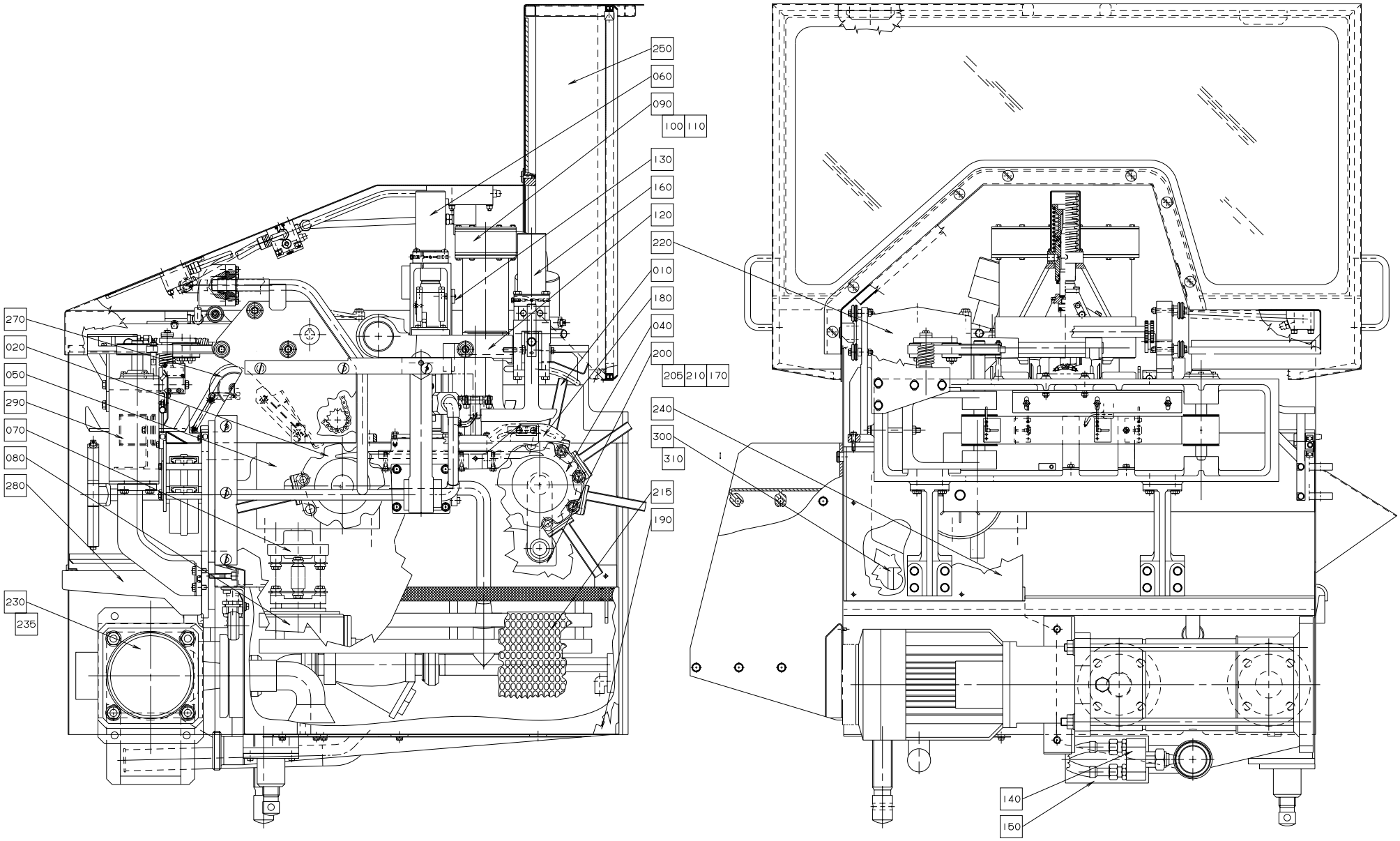
Pos	Part No	SP	UN	Qty	Description	Page No
90202-0011						
	90239-0349	K		2	SEAL KIT	
256834-0000						
	312911-0118	-		18	THREADED I M6X1,5D	
	312911-0126	-		6	THREADED I M8X1,5D	
441031-0000						
	90240-0049	-		1	PLAIN BEARING,SELF ADJUST.SPER.	
	256737-0000	-		1	LINK REPBY 0441031-0000	
441749-0000						
	312911-0125	-		2	THREADED INSERTS M8X1,0D	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC

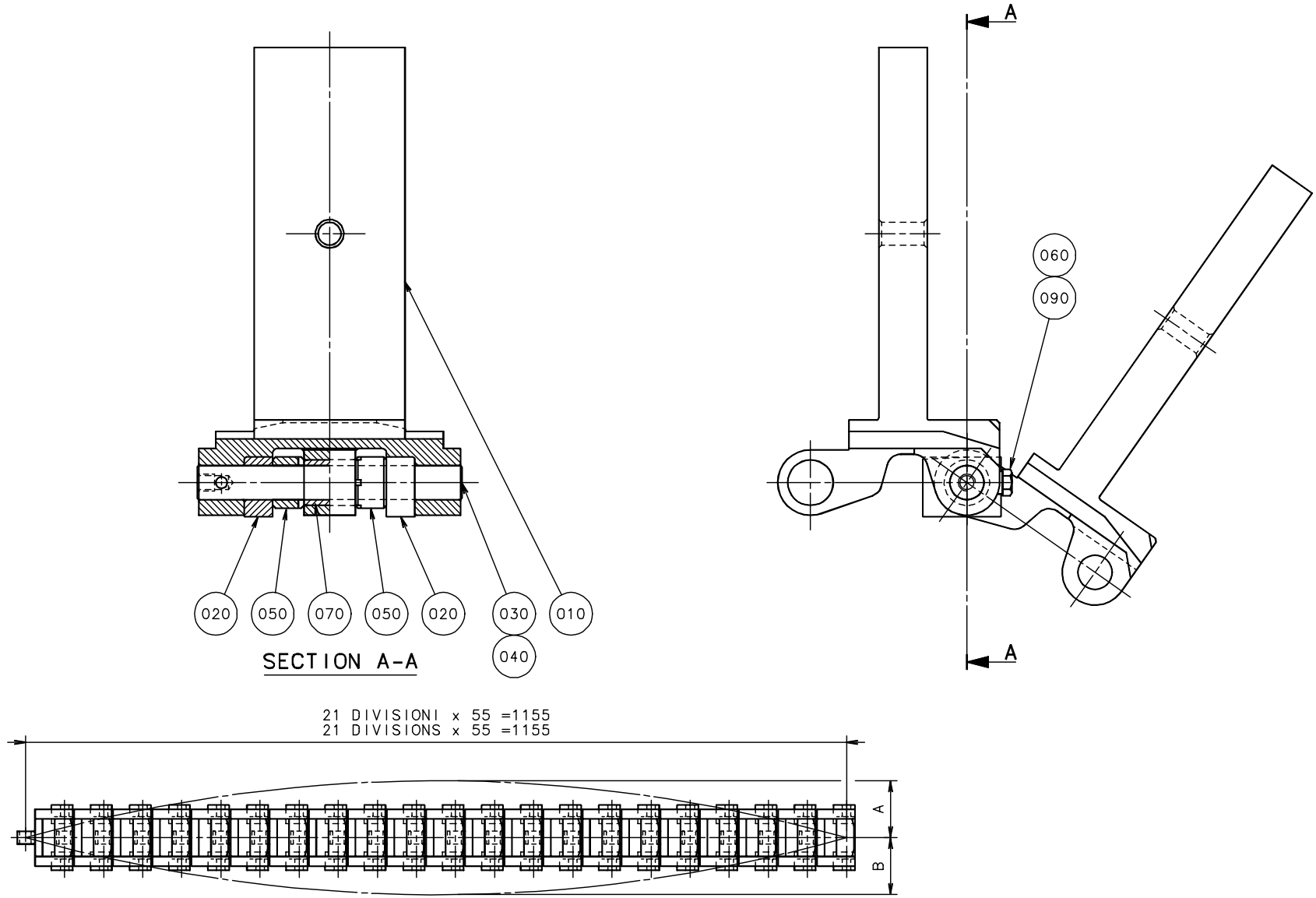
Spare Parts Catalogue



S-648105-4
ECN 20660

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F010	A1317526-0100	M		1	STATION CHAIN	**358**
F020	A 491850-0100	D		1	DRIVE WHEEL	**360**
F040	A 491846-0200	D		1	TENSION SPROCKET	**362**
F050	A 256410-0700	D		1	INDEXING UNIT	**364**
F060	A 256436-0700	-		1	PRESSURE DEVICE	**366**
F070	A 256437-0200	-		1	DISC COUPLING	**372**
F080	A 256438-0300	-		1	WORM GEAR	**374**
F090	A 256547-0400	-		1	FF-ELEMENT	**378**
F120	A 295211-0100	-		1	FRAME	**388**
F130	A 295218-0100	-		1	FOLDING BAR	**390**
F140	A 456455-0400	-		1	PIPE WORK	**392**
F150	A 256674-0300	-		1	BOTTOM VALVE	**394**
F160	A 256712-0500	-		1	PULL-DOWN DEVICE	**396**
F180	A 491259-0200	-		1	GUIDE	**402**
F190	A 441695-0300	-		1	MACHINE BODY	**404**
F200	A 272765-0800	-		1	CANTILEVER	**406**
F215	A 456567-0200	-		1	SEPARATION INSERT	**414**
F220	A 578703-0100	-		1	DISCHARGER	**416**
F230	A 456588-0400	-		1	CLEANING SYSTEM	**420**
F240	A 979457-0100	-		1	COVERING PANEL	**424**
F250	A 979471-0100	-		1	PROTECTIVE COVER	**428**
F270	A1317516-0100	-		1	DISCHARGE CHUTE	**432**
F280	A 979404-0100	-		1	CONVEYOR	**438**
F290	A1296120-0100	-		1	SIDE FEEDER	**440**
F300	A 441850-0500	-		1	CABLE	**442**

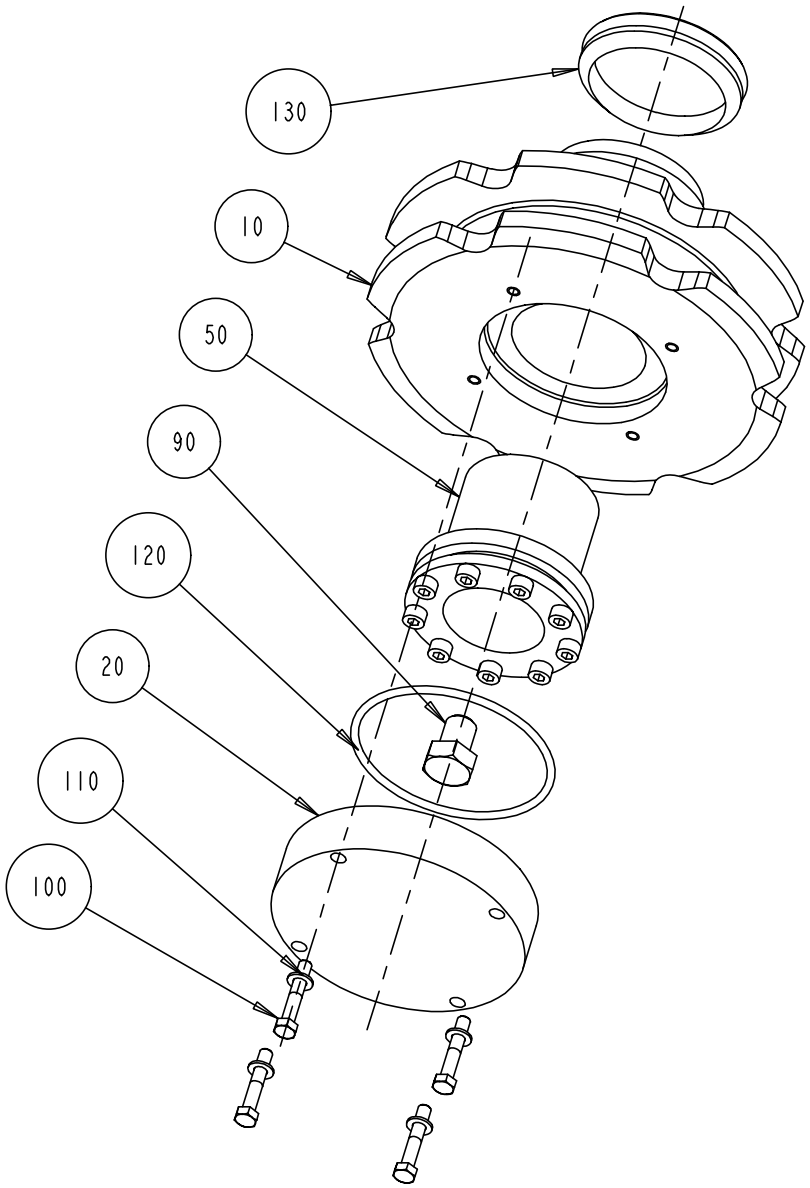
Pos	Part No	SP	UN	Qty	Description	Page No

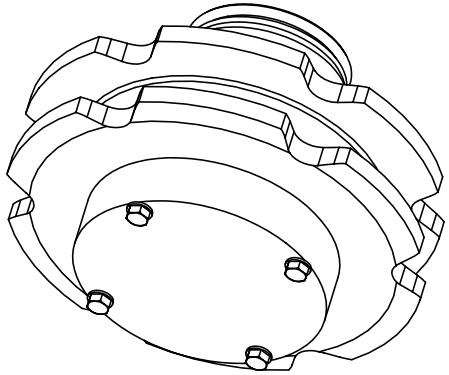

A
060
090
020
050
070
050
020
030
010
040
A
SECTION A-A
21 DIVISIONI x 55 =1155
21 DIVISIONS x 55 =1155
A
B

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	491227-0000	M		42	SLIDER	
030	491228-0001	M		18	SHAFT	
040	491228-0002	M		3	SHAFT	
050	491229-0000	M		42	BUSHING	
060	491230-0000	M		21	GRUB SCREW	
070	491231-0000	M		21	BUSHING	
090	315233-0101	M		21	PLAIN ROUND,NYLON M5	
0100B						
010	1296313-0000	M		21	CARTON STATION	
0125S						
010	1296312-0000	M		21	CARTON STATION WITH BEVEL	
0160S						
010	1296311-0000	M		21	CARTON STATION WITH BEVEL	
0180B						
010	1296310-0006	M		21	CARTON STATION WITH BEVEL	
0200B						
010	1296310-0004	M		21	CARTON STATION WITH BEVEL	
0200S						
010	1282444-0000	M		21	CARTON STATION WITH BEVEL	
0236B						
010	1296310-0003	M		21	CARTON STATION WITH BEVEL	
0250B						
010	1296310-0002	M		21	CARTON STATION WITH BEVEL	
0250S						
010	1282435-0001	M		21	CARTON STATION	
0284B or 0300S						
010	1296310-0001	M		21	CARTON STATION WITH BEVEL	
0330S						
010	1296310-0007	M		21	CARTON STATION WITH BEVEL	
0200M						
010	1282435-0002	M		21	CARTON STATION	

Pos	Part No	SP	UN	Qty	Description	Page No

DRIVE WHEEL



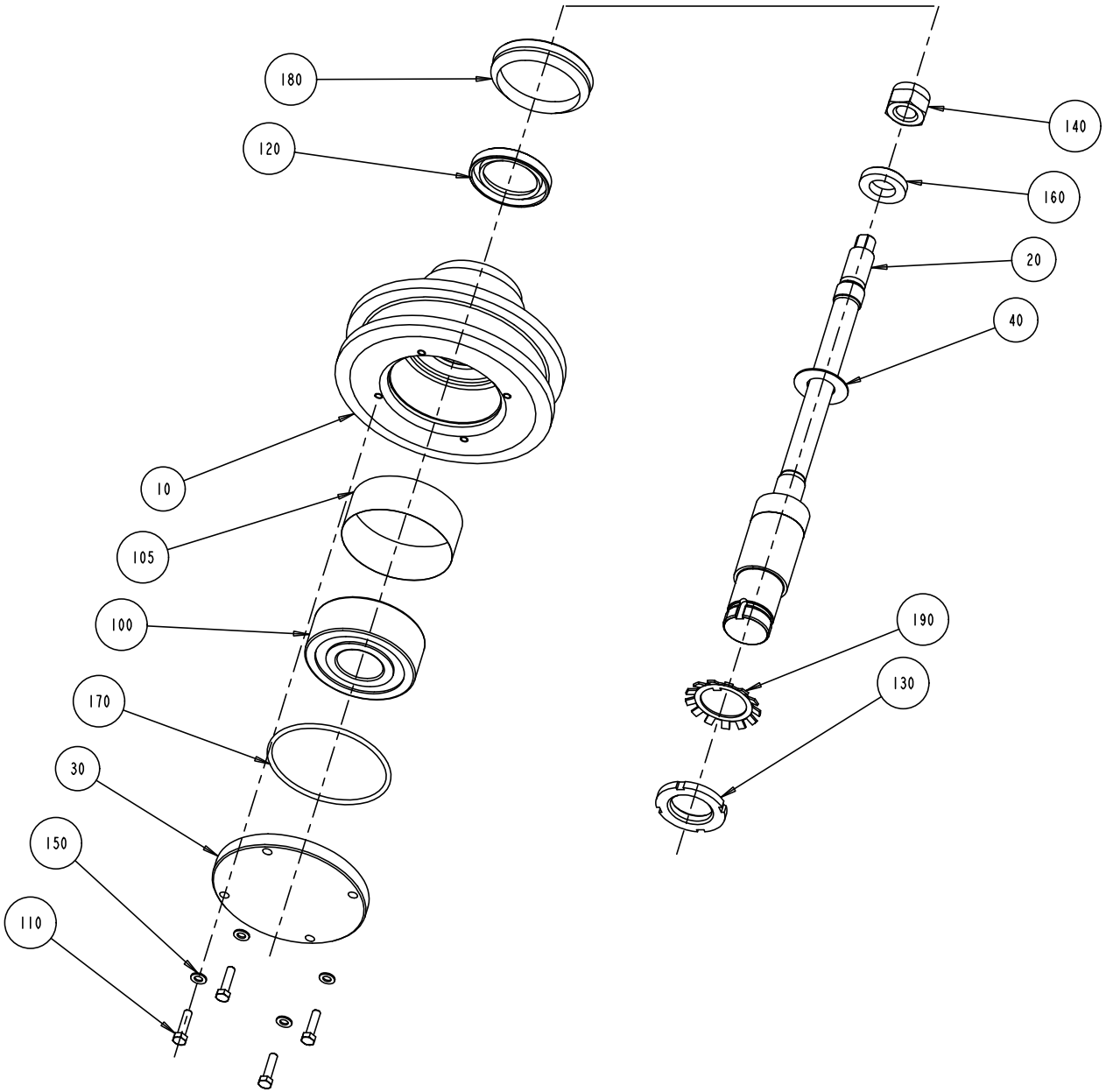


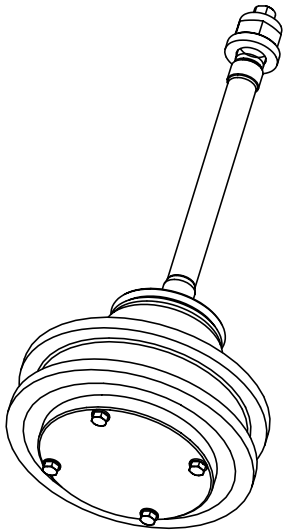
S-491850-2
ECN 70861

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
010	491258-0000	D		1	DRIVE WHEEL	
Common parts						
020	491851-0000	D		1	LID	
050	90208-0031	D		1	BUSHING	
090	312101-0530	D		1	SCREW M6S12X16FZB	
100	312105-0335	D		4	SCREW M6S ISO 4017 M5x30 A280	
110	315105-0146	D		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
120	315202-0306	D		1	O-RINGS 74,5X3	
130	315220-0210	D		1	SEAL RING V-60S	

Pos	Part No	SP	UN	Qty	Description	Page No

TENSION SPROCKET



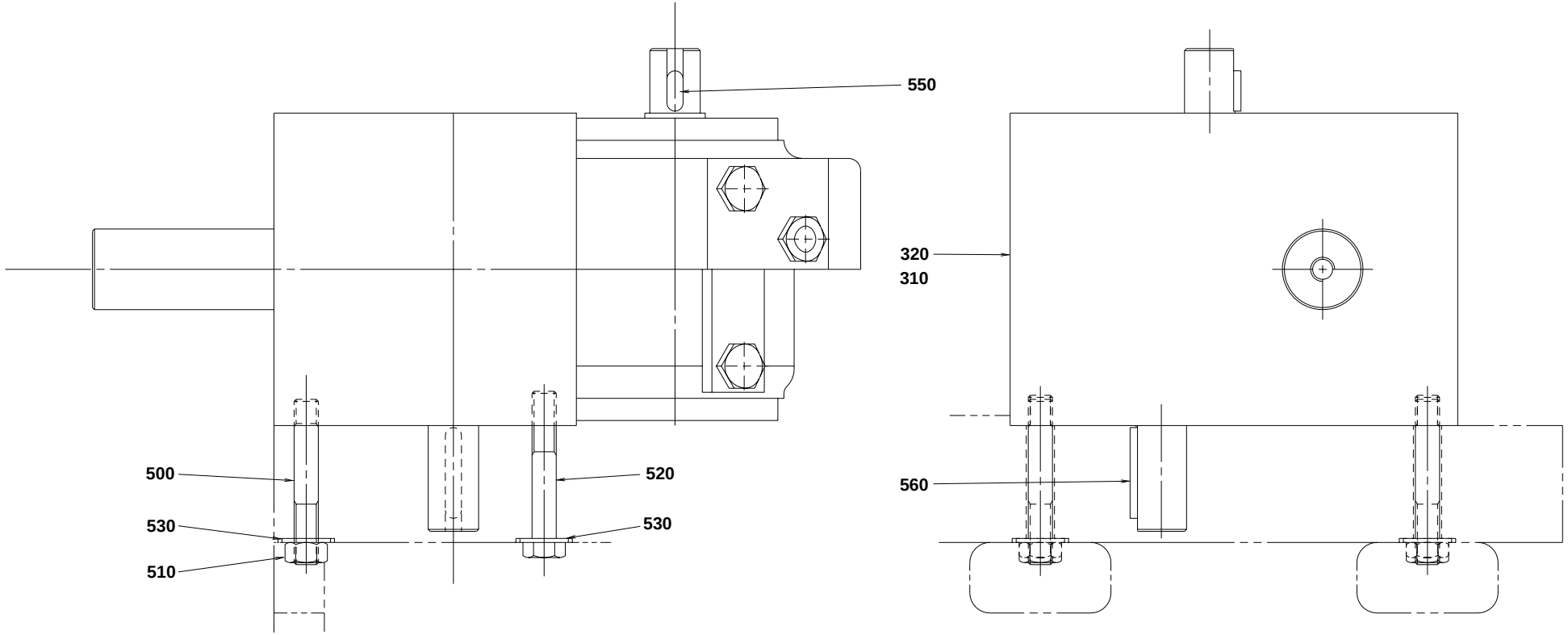


S-491846-2
ECN 70861

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
010	B 491847-0000	D		1	TENSION SPROCKET	
Common parts						
020	491848-0000	D		1	SHAFT	
030	491291-0000	D		1	LID	
040	441589-0000	D		1	SHIM	
100	90214-0122	D		1	BALL BEARING	
105	90296-0070	D	G	40	GREASE	
110	312105-0331	D		4	SCREW M6S ISO 4017 M5X20 A280	
120	315221-0177	D		1	SEALING RINGS,TYPE A 35X52X7	
130	312805-0106	D		1	NUT,ROUND,WITH SLOTS,M30x1,5	
140	312810-0324	D		1	LOCK NUT 16 FZB	
150	315105-0146	D		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
160	315111-0186	D		1	WASHER TBRB 17x30 FZB	
170	315202-0306	D		1	O-RINGS 74,5X3	
180	315220-0210	D		1	SEAL RING V-60S	
190	315410-0106	D		1	WASHERS,LOCK 30X38	

Pos	Part No	SP	UN	Qty	Description	Page No

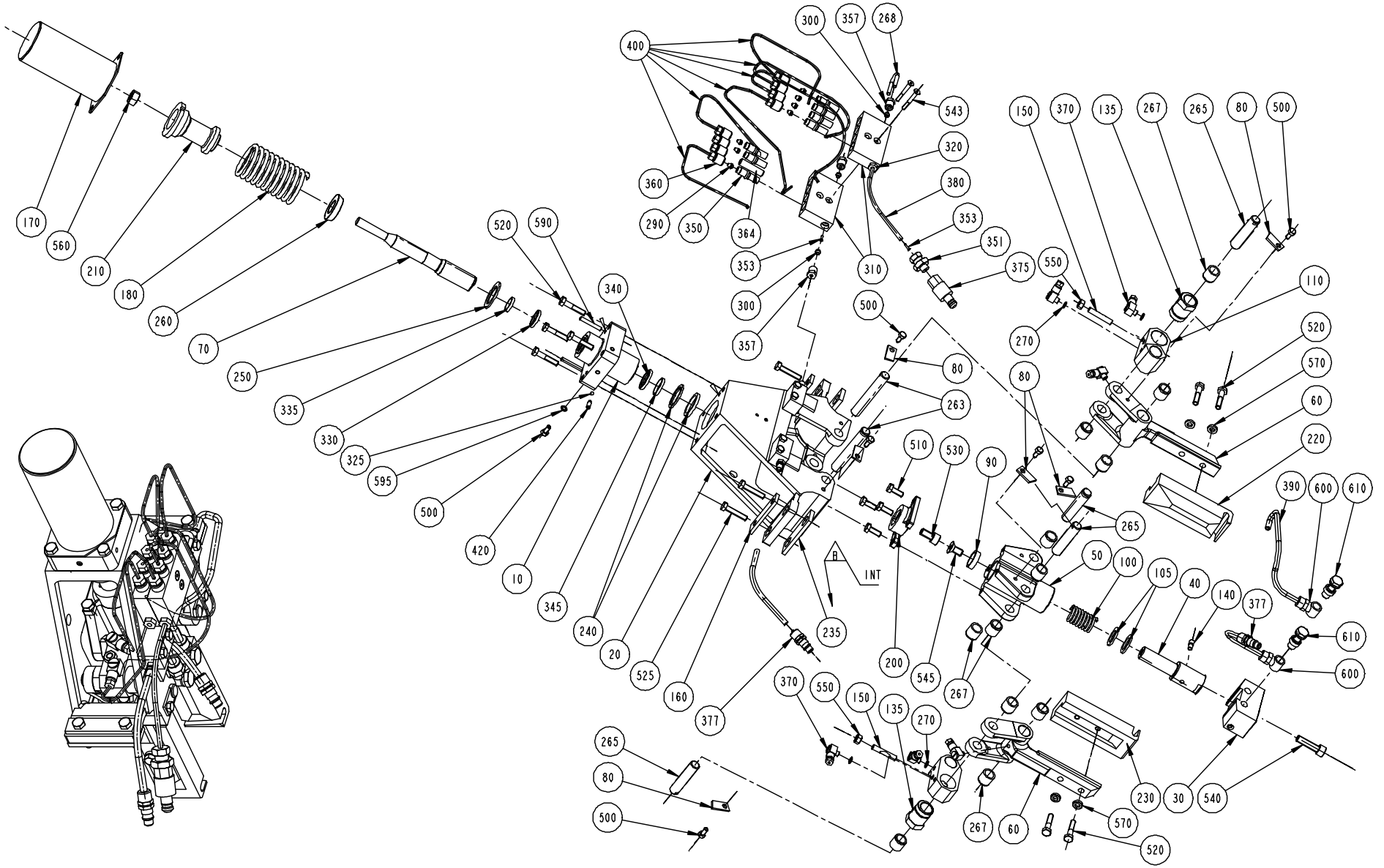
INDEXING UNIT



Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
310	90296-0073	D	L	2	OIL	
500	312303-0548	D		2	STUD SCREWMPS 12X70 RFR	
510	312605-0322	D		2	NUT,HEXAGON,M12 RFR	
520	312105-0547	-		2	SCREW M6S12X75RFR	
530	315101-0178	-		4	WASHER BRB 13x24 FZB	
550	315701-0263	D		1	KEYS,PARALLEL WITH ROUND ENDS 8X7X20	
560	315701-0271	D		1	KEYS,PARALLEL WITH ROUND ENDS 8X7X45	
TBA						
320	90416-0039	D		1	INDEXING GEAR	

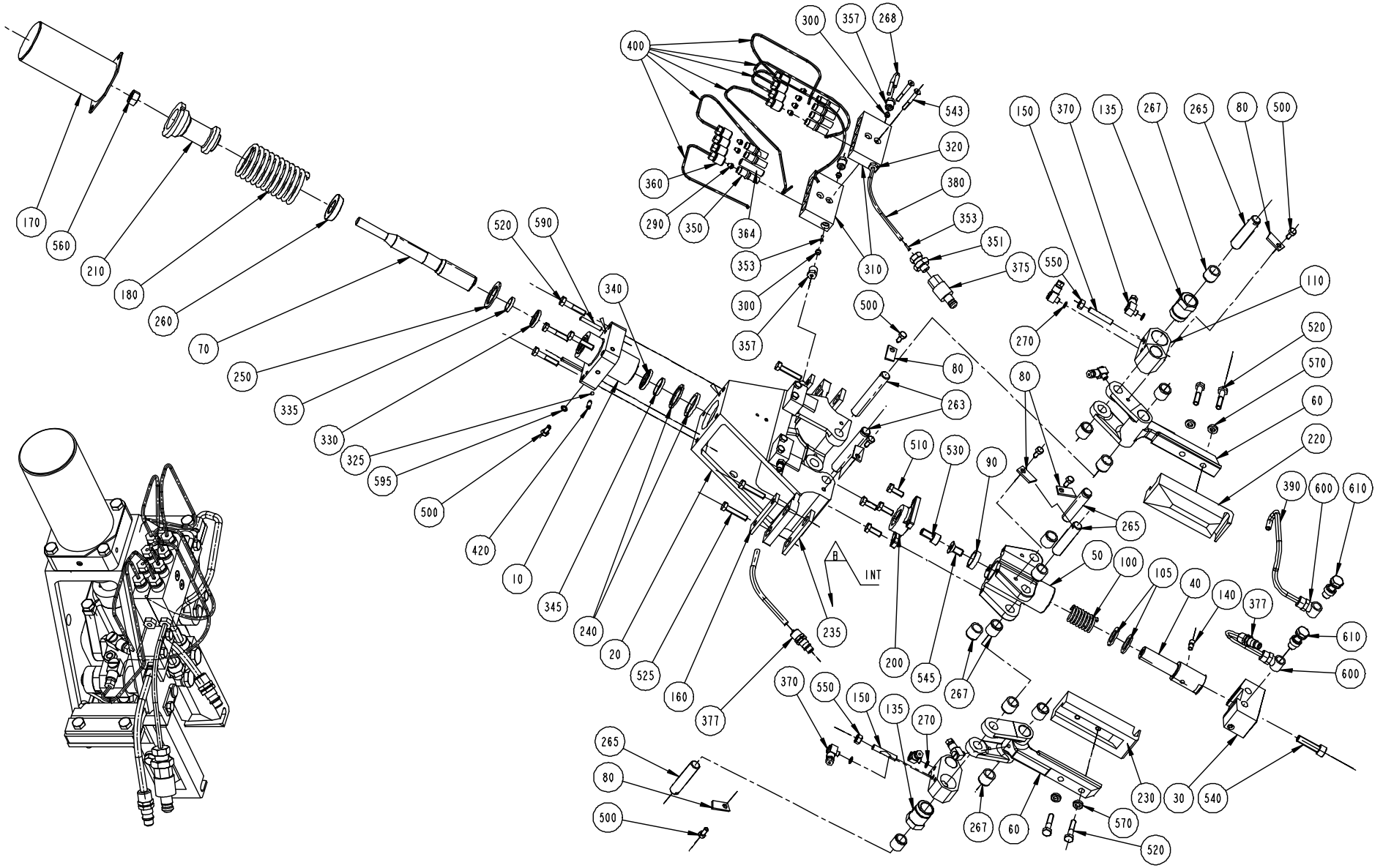
Pos	Part No	SP	UN	Qty	Description	Page No

PRESSURE DEVICE



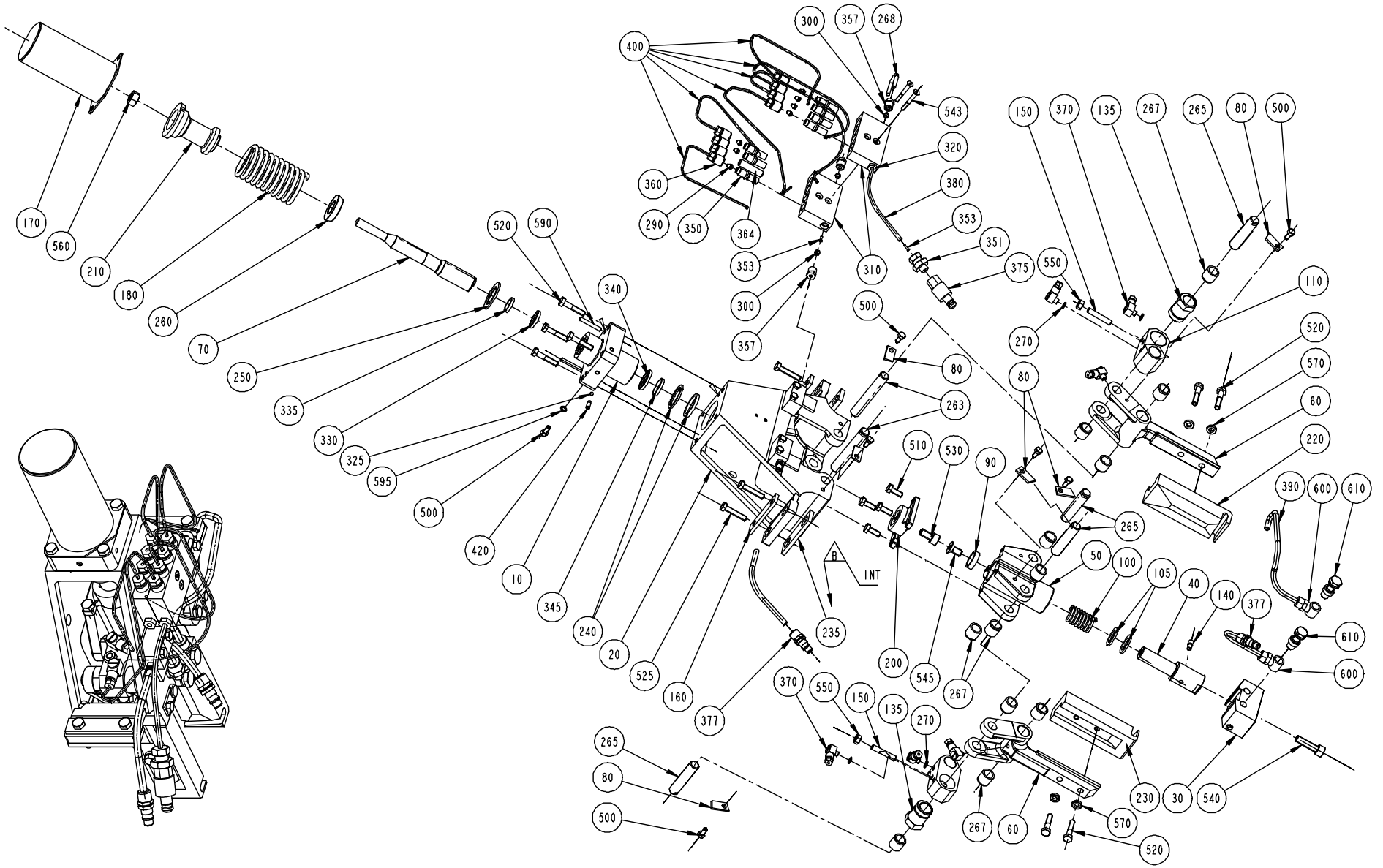
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	490980-0000	M		1	CYLINDER	
020	272576-0000	D		1	BRACKET	
050	491803-0000	D		1	HOUSE	
060	751552-0000	M		2	ARM	
070	752083-0000	K		1	PISTON	
080	21047-0000	-		6	LOCK WASHER	
090	491802-0000	-		1	WASHER	
100	490942-0000	J		1	COMPRESSION SPRING	
105	260427-0000	J		2	WASHER	
110	751553-0000	M		2	ARM	
135	751557-0000	K		2	SLEEVE	
140	256461-0000	K		1	DOWEL	
150	256462-0000	K		2	SCREW	
160	256463-0000	D		2	WASHER	
170	751163-0000	D		1	COVER	
180	271731-0000	M		1	COMPRESSION SPRING	
200	491771-0000	D		1	BRACKET	
210	441894-0000	D		1	SLEEVE	
240	295072-0000	J		1	BUFFER RING	
250	441896-0000	M		1	WASHER	
260	441895-0000	J		1	BUFFER RING	
263	751554-0001	I		2	SHAFT	
265	751554-0002	I		4	SHAFT	
267	751555-0000	I		12	BUSHING	
268	979557-0000	-		1	CONNECTING PIPE	
270	90005-0056	-		4	WASHER,Plain Round,nylon 6x8,5;H=1	
290	90028-0020	-		7	CONE DT13700S-300 Di=2,5mm	
300	90028-0021	-		3	CONE DIN3862 Di=4mm	
310	90032-0039	-		2	DISTR.BLOCK DT4.310794.1	
320	90087-0019	-		1	PLUG M10x1 Stainless	
325	90090-0013	I		1	STEEL BALL SKF RB-4/111	
330	90091-0160	I		1	SEAL RING	
335	90091-0162	I		1	GUIDE RING	
340	90091-0165	I		1	SEAL RING	
345	90091-0163	I		1	GUIDE RING	
350	90092-0054	I		7	METERING VALVE 50mm3	
351	90134-0004	J		1	PIPE CONNECTION R1/8	
353	90134-0031	-		2	SLEEVE E 4/2	
357	90134-0038	-		3	BUSHING 4 DIN 3871 Stainless	
360	90134-0039	-		8	BUSHING DT4.018912.1 Stainless	
364	90134-0052	-		1	PLUG DT4.076817.2D	
370	90134-0058	-		6	BANJO CONNECTION DT4.310.437.1	
375	90163-0048	M		1	NIPPLE LP-004-2-WR 510-23-1	
377	90163-0063	M		2	NIPPLE 6/4	
380	90166-0109	-	MM	700	TUBE 4 mm PA,Transp.	
390	90166-0117	J	MM	2500	HOSE 4/6 PVC Blue	
400	90166-0143	-	MM	2000	TUBE 2,5 mm PA,Transp.	
420	312311-0327	I		1	SET SCREW FULL DOGPOINT ISO 4028 M5X12	
500	312105-0325	-		7	SCREW M6S 5x10 A2 80	
510	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
525	312109-0374	-		4	SCREW M6S ISO 4017 M6X30 A280	
530	312115-0449	-		1	SCREW MC6S ISO 4762 M8X16 A280	
543	312155-0301	-		2	SCREW MF6S 4x35 A480	
545	312155-0449	-		1	SCREW MF6S DIN 7991 M8X16 A280	
550	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
560	312605-0320	-		1	NUT,HEXAGON,M10 A280	
590	311103-0276	-		2	PIN,STRAIGHT 4x30	
595	315234-0101	-		1	PLAIN ROUND,COPPER M5	
0100B						
030	491799-0000	M		1	BLOCKING PIECE	
040	491772-0010	M		1	SPINDLE	
220	979739-0000	M		1	BLOCK RIGHT	
230	979740-0000	M		1	BLOCK LEFT	
520	312105-0374	-		6	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0125S						
030	491799-0000	M		1	BLOCKING PIECE	
040	491772-0007	M		1	SPINDLE	
220	272935-0000	M		1	BLOCK RIGHT	
230	272936-0000	M		1	BLOCK LEFT	
520	312105-0374	-		6	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0160S						
030	491800-0000	M		1	BLOCKING PIECE	
040	491772-0009	M		1	SPINDLE	
220	577208-0000	M		1	BLOCK RIGHT	
230	577209-0000	M		1	BLOCK LEFT	
520	312105-0374	-		8	SCREW M6S ISO 4017 M6X30 A280	

PRESSURE DEVICE



Pos	Part No	SP	UN	Qty	Description	Page No
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0180B						
030	491798-0000	M		1	BLOCKING PIECE	
040	491772-0006	M		1	SPINDLE	
220	456864-0002	M		1	BLOCK RIGHT	
230	456865-0002	M		1	BLOCK LEFT	
520	312105-0374	-		6	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0200B						
030	491798-0000	M		1	BLOCKING PIECE	
040	491772-0004	M		1	SPINDLE	
220	456864-0001	M		1	BLOCK RIGHT	
230	456865-0001	M		1	BLOCK LEFT	
520	312105-0374	-		6	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0200S						
030	491800-0000	M		1	BLOCKING PIECE	
040	491772-0001	M		1	SPINDLE	
220	469406-0000	M		1	BLOCKING PIECE	
230	469405-0000	M		1	BLOCKING PIECE	
520	312105-0374	-		8	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0236B						
030	491798-0000	M		1	BLOCKING PIECE	
040	491772-0003	M		1	SPINDLE	
220	271052-0003	M		1	BLOCK RIGHT	
230	271051-0003	M		1	BLOCK LEFT	
520	312105-0374	-		8	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0250B						
030	491798-0000	M		1	BLOCKING PIECE	
040	491772-0002	M		1	SPINDLE	
220	271052-0002	M		1	BLOCK RIGHT	
230	271051-0002	M		1	BLOCK LEFT	
520	312105-0374	-		8	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0250S						
030	574351-0000	M		1	BLOCKING PIECE	
040	491772-0001	M		1	SPINDLE	
220	574352-0000	M		1	BLOCK RIGHT	
230	574353-0000	M		1	BLOCK LEFT	
520	312105-0374	-		8	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0451	-		1	SCREW MC6S ISO 4762 M8x20 A280	
570	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
600	342980-0111	-		2	BANJO-CONNECTION,RING 6/4-M5	
610	B 342980-0301	-		2	BANJO-HOLLOW BOLT COUPL.,EXT.THREA.01-M5	
0284B or 0300S						
030	491798-0000	M		1	BLOCKING PIECE	
040	491772-0001	M		1	SPINDLE	
220	271052-0001	M		1	BLOCK RIGHT	
230	271051-0001	M		1	BLOCK LEFT	
520	312105-0374	-		8	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
570	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
600	342980-0113	-		2	BANJO-CONNECTION,RING 6/4-G1/8"	
610	342980-0303	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
0330S						
030	582037-0000	M		1	BLOCK	
040	491772-0001	M		1	SPINDLE	
220	582039-0000	M		1	BLOCK RIGHT	
230	582040-0000	M		1	BLOCK LEFT	
235	582036-0000	-		2	SPACER	
540	312115-0451	-		1	SCREW MC6S ISO 4762 M8x20 A280	
600	342980-0111	-		2	BANJO-CONNECTION,RING 6/4-M5	
610	B 342980-0301	-		2	BANJO-HOLLOW BOLT COUPL.,EXT.THREA.01-M5	

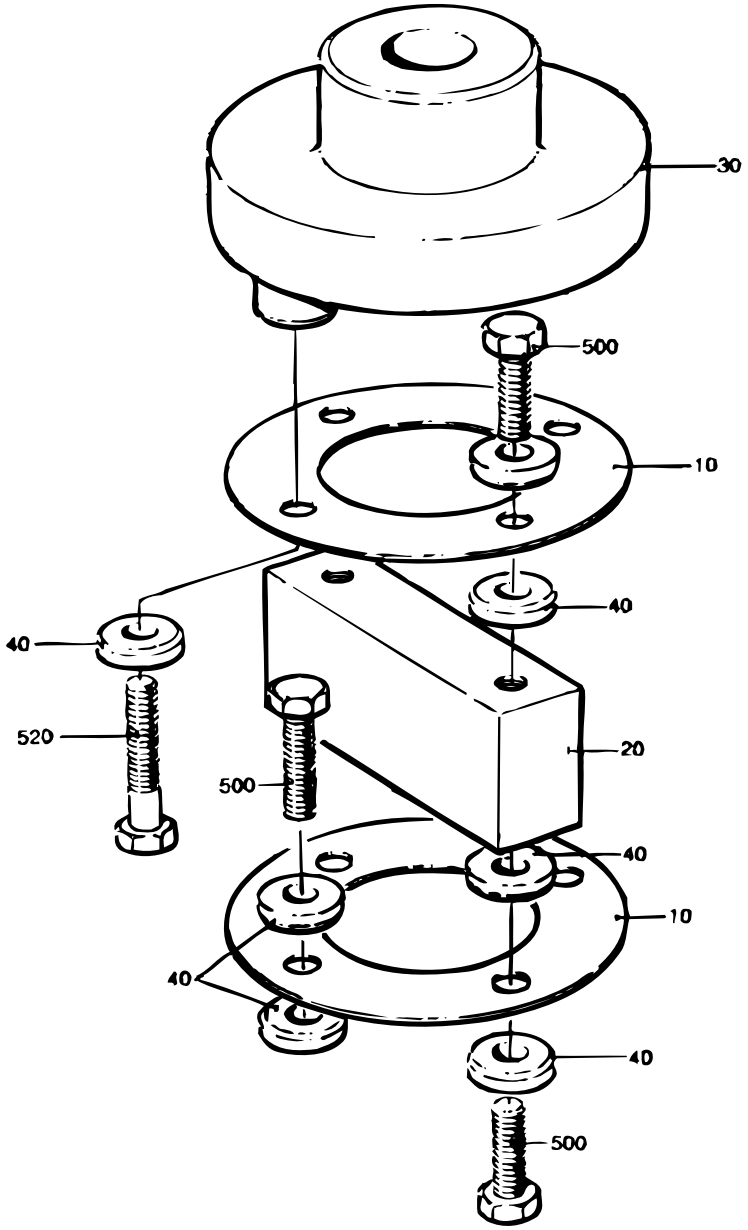
PRESSURE DEVICE



Pos	Part No	SP	UN	Qty	Description	Page No
0200M						
030	574351-0000	M		1	BLOCKING PIECE	
040	979867-0000	M		1	SPINDLE	
220	979868-0000	M		1	BLOCK RIGHT	
230	979869-0000	M		1	BLOCK LEFT	
520	312105-0374	-		8	SCREW M6S ISO 4017 M6X30 A280	
540	312115-0451	-		1	SCREW MC6S ISO 4762 M8x20 A280	
570	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
600	342980-0111	-		2	BANJO-CONNECTION,RING 6/4-M5	
610	B 342980-0301	-		2	BANJO-HOLLOW BOLT COUPL.,EXT.THREA.01-M5	

Pos	Part No	SP	UN	Qty	Description	Page No

DISC COUPLING

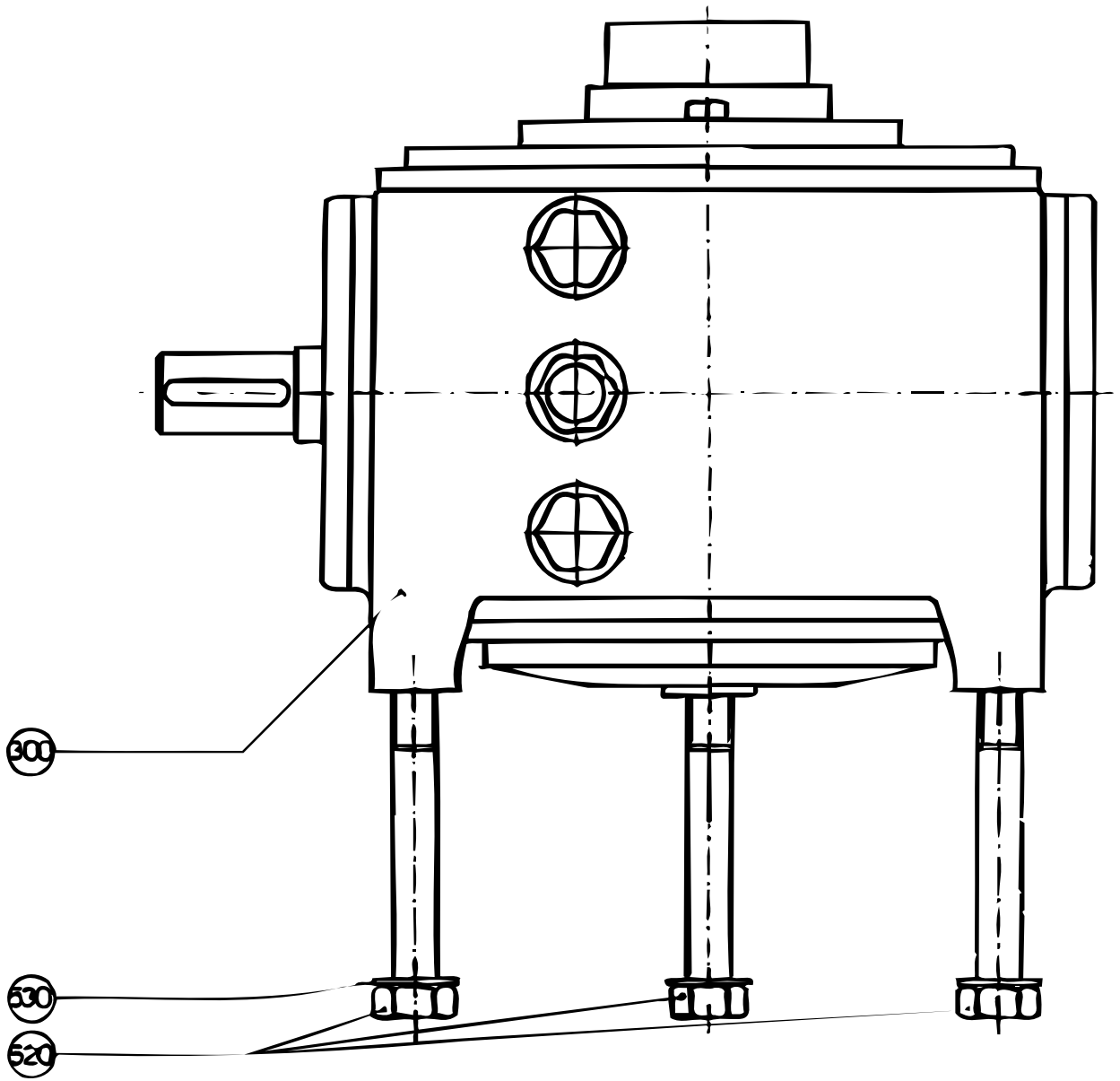


S-256437-2
ECN 07911

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	31559-0000	M		20	SPRING PLATE	
020	272746-0000	D		1	ROD	
030	272747-0000	D		1	CONNECTION	
040	31553-0001	-		14	WASHER	
500	312101-0453	-		4	SCREW M6S 8x25 FZB	
510	312101-0455	-		2	SCREW M6S 8x30 FZB	
520	312101-0459	-		2	SCREW M6S 8x40 FZB	

Pos	Part No	SP	UN	Qty	Description	Page No

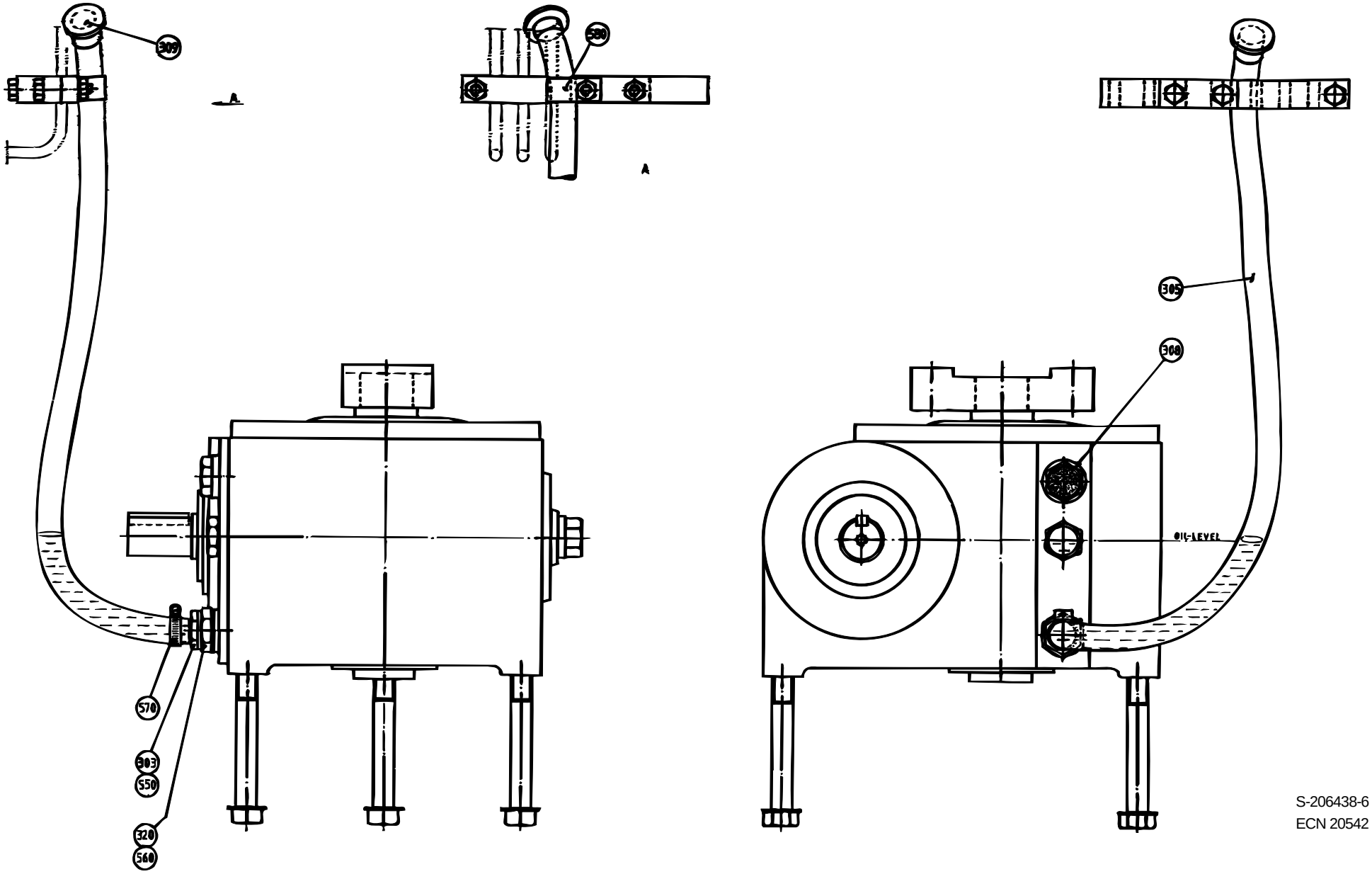
WORM GEAR



S-256438-5
ECN 20542

Pos	Part No	SP	UN	Qty	Description	Page No
-						
300	90056-0071	M		1	WORM GEAR	
303	90163-0052	-		1	HOSE NIPPLE,EXT.THREAD 1/4"-12	
305’	90166-0113	-	MM	500	HOSE	
308	90257-0002	-		1	FILTER PLUG MECMAN F12 8145-00-120	
309	90261-0073	-		1	Pipe plug GPN 250/15	
310	90296-0073	-	L	2	OIL	
320	90330-0085	-		1	BUSHING,INT./EXT.R-THREAD R1/2"-Rp1/4"	
520	312101-0552	-		3	SCREW M6S12X100FZB	
530	315101-0178	-		3	WASHER BRB 13x24 FZB	
550	315234-0110	-		1	PLAIN ROUND,COPPER R1/4"	
560	315234-0113	-		1	PLAIN ROUND,COPPER R1/2",M20	
570	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	
580	352110-0103	-		1	CRAMP TK 14-20	

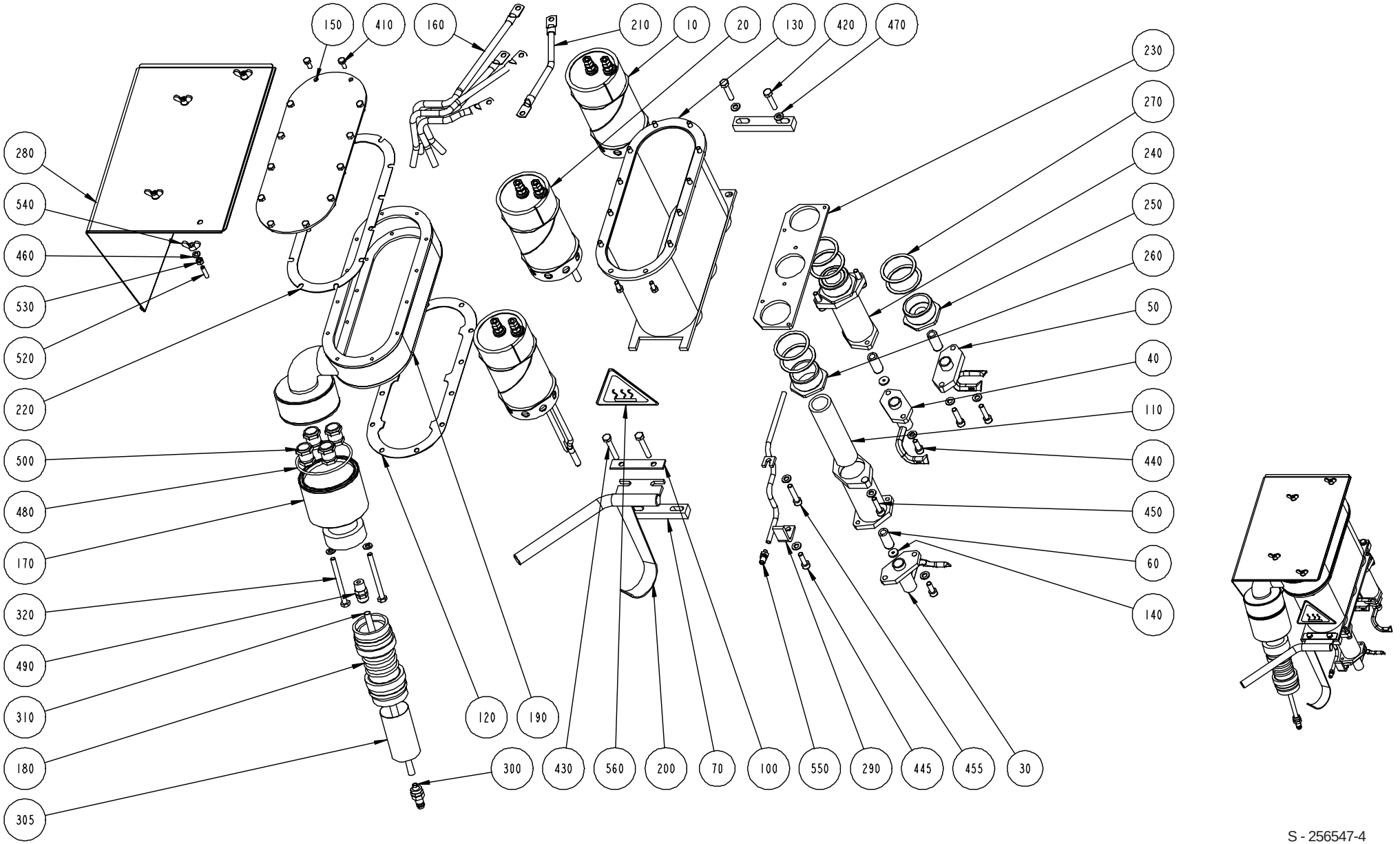
Pos	Part No	SP	UN	Qty	Description	Page No



S-206438-6
ECN 20542

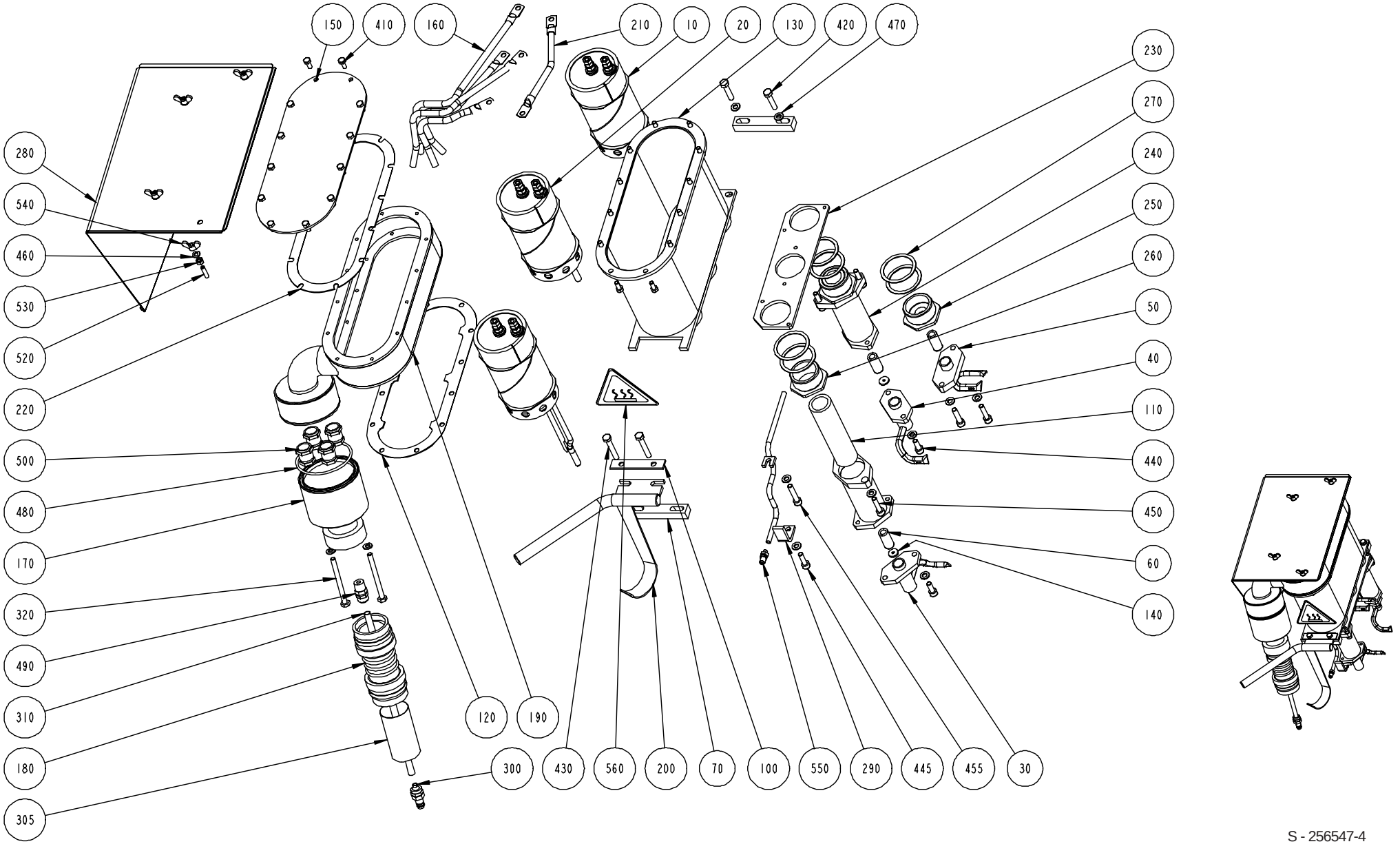
Pos	Part No	SP	UN	Qty	Description	Page No
-						
300	90056-0071	M		1	WORM GEAR	
303	90163-0052	-		1	HOSE NIPPLE,EXT.THREAD 1/4"-12	
305’	90166-0113	-	MM	500	HOSE	
308	90257-0002	-		1	FILTER PLUG MECMAN F12 8145-00-120	
309	90261-0073	-		1	Pipe plug GPN 250/15	
310	90296-0073	-	L	2	OIL	
320	90330-0085	-		1	BUSHING,INT./EXT.R-THREAD R1/2"-Rp1/4"	
520	312101-0552	-		3	SCREW M6S12X100FZB	
530	315101-0178	-		3	WASHER BRB 13x24 FZB	
550	315234-0110	-		1	PLAIN ROUND,COPPER R1/4"	
560	315234-0113	-		1	PLAIN ROUND,COPPER R1/2",M20	
570	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	
580	352110-0103	-		1	CRAMP TK 14-20	

Pos	Part No	SP	UN	Qty	Description	Page No



S - 256547-4
ECN 72214

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S						
030	978881-0000	M		1	AIR NOZZLE, LEFT	
040	978884-0000	M		1	AIR NOZZLE, RIGHT	
050	978780-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		3	INSULATING PIPE	
290	1285952-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		3	SCREW MC6S ISO 4762 M6x16 A280	
445	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
450	312115-0372	-		7	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		1	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0250S						
030	574466-0000	M		1	AIR NOZZLE, LEFT 250S	
040	574467-0000	M		1	AIR NOZZLE, RIGHT	
050	574468-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		1	INSULATING PIPE	
060	252766-0002	F		2	INSULATING PIPE	
070	574422-0000	D		2	SPACER BLOCK	
290	1285952-0000	D		1	TUBE	
420	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
430	312109-0378	-		2	SCREW M6S ISO 4017 M6X40 A280	
440	312115-0368	-		3	SCREW MC6S ISO 4762 M6x16 A280	
445	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
450	312115-0372	-		7	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		1	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0236B						
030	978882-0000	M		1	AIR NOZZLE, LEFT	
040	978885-0000	M		1	AIR NOZZLE, RIGHT	
050	978887-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		3	INSULATING PIPE	
290	1285952-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		3	SCREW MC6S ISO 4762 M6x16 A280	
445	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
450	312115-0372	-		7	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		1	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0250B						
030	978882-0000	M		1	AIR NOZZLE, LEFT	
040	978885-0000	M		1	AIR NOZZLE, RIGHT	
050	978781-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		3	INSULATING PIPE	
290	1285952-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		3	SCREW MC6S ISO 4762 M6x16 A280	
445	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
450	312115-0372	-		7	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		1	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0284B or TBA 0300S						
030	978882-0000	M		1	AIR NOZZLE, LEFT	
040	978885-0000	M		1	AIR NOZZLE, RIGHT	
050	978891-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		3	INSULATING PIPE	
290	1285952-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		3	SCREW MC6S ISO 4762 M6x16 A280	
445	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
450	312115-0372	-		7	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		1	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0330S						
030	582033-0000	M		1	AIR NOZZLE LEFT	
040	582034-0000	M		1	AIR NOZZLERIGHT	
050	978891-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		1	INSULATING PIPE	
060	252766-0002	F		2	INSULATING PIPE	
070	582035-0000	D		2	SPACER BLOCK	
290	1285952-0000	D		1	TUBE	
420	312109-0376	-		2	SCREW M6S ISO 4017 M6X35 A280	
430	312105-0379	-		2	SCREW M6S ISO 4014 M6x45 A280	
440	312115-0368	-		3	SCREW MC6S ISO 4762 M6x16 A280	
445	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
450	312115-0372	-		7	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		1	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0200M						
030	574466-0000	M		1	AIR NOZZLE, LEFT 250S	
040	574467-0000	M		1	AIR NOZZLE, RIGHT	
050	979870-0000	M		1	AIR NOZZLE	
060	252766-0002	F		3	INSULATING PIPE	
070	574422-0000	D		2	SPACER BLOCK	
290	1285952-0000	D		1	TUBE	
420	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A280	
430	312109-0378	-		2	SCREW M6S ISO 4017 M6X40 A280	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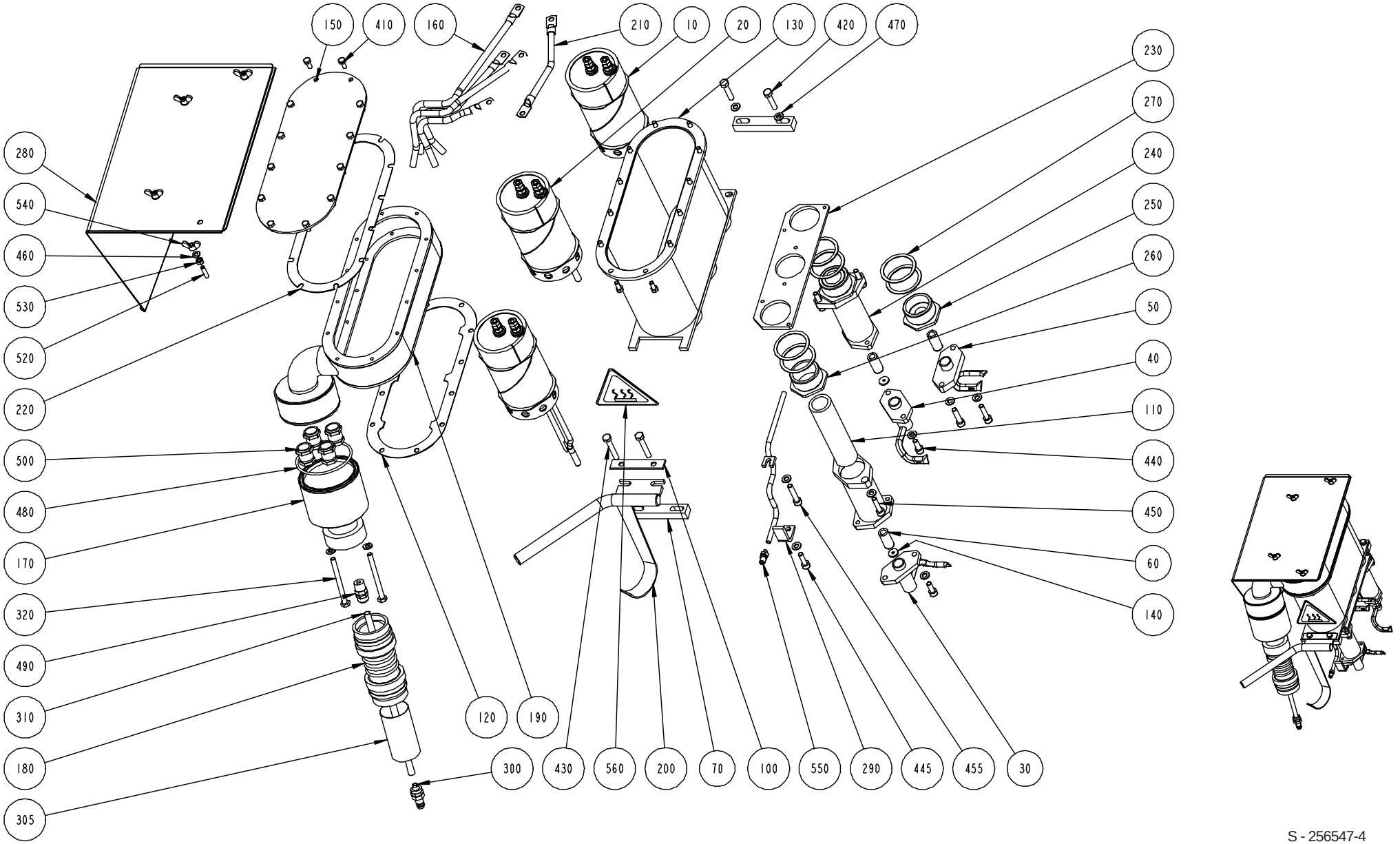
Pos	Part No	SP	UN	Qty	Description	Page No
440	312115-0368	-		3	SCREW MC6S ISO 4762 M6x16 A280	
445	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
450	312115-0372	-		7	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		1	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0100B						
030	978883-0000	M		1	AIR NOZZLE, LEFT	
040	978886-0000	M		1	AIR NOZZLE, RIGHT	
050	979734-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		3	INSULATING PIPE	
060	252766-0002	F		1	INSULATING PIPE	
290	1296005-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		4	SCREW MC6S ISO 4762 M6x16 A280	
450	312115-0372	-		6	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0125S						
030	978883-0000	M		1	AIR NOZZLE, LEFT	
040	978886-0000	M		1	AIR NOZZLE, RIGHT	
050	978890-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		4	INSULATING PIPE	
290	1296005-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		4	SCREW MC6S ISO 4762 M6x16 A280	
450	312115-0372	-		6	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0160S						
030	978881-0000	M		1	AIR NOZZLE, LEFT	
040	978884-0000	M		1	AIR NOZZLE, RIGHT	
050	577210-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		2	INSULATING PIPE	
060	252766-0002	F		1	INSULATING PIPE	
290	1296005-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		4	SCREW MC6S ISO 4762 M6x16 A280	
450	312115-0372	-		6	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0180B						
030	978882-0000	M		1	AIR NOZZLE, LEFT	
040	978885-0000	M		1	AIR NOZZLE, RIGHT	
050	978889-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		4	INSULATING PIPE	
290	1296005-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		4	SCREW MC6S ISO 4762 M6x16 A280	
450	312115-0372	-		6	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
TBA 0200B						
030	978882-0000	M		1	AIR NOZZLE, LEFT	
040	978885-0000	M		1	AIR NOZZLE, RIGHT	
050	978888-0000	M		1	AIR NOZZLE, BOTTOM	
060	252766-0001	F		4	INSULATING PIPE	
290	1296005-0000	D		1	TUBE	
420	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
430	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
440	312115-0368	-		4	SCREW MC6S ISO 4762 M6x16 A280	
450	312115-0372	-		6	SCREW MC6S ISO 4762 M6x25 A280	
455	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
Common parts						
F010	A 31390-0100	K		2	FF-ELEMENT TOP.....	**384**
F020	A 31390-0110	K		1	FF-ELEMENT BOTTOM.....	**386**
100	20702-0000	D		1	COVERING PLATE	
110	23765-0002	I		2	INSULATING PIPE	
120	23769-0000	-		1	STOP PLATE	
130	256548-0000	R		1	HEATING CHAMBER	
140	259807-0000	I		2	WASHER	
150	271191-0000	D		1	LID	
160	B 271499-0000	I		4	ELECTRICAL CONNECTION	
170	295306-0000	-		1	COVER	
180	B 295307-0000	M		1	FLEXIBLE CONDUIT	
190	B 441143-0000	-		1	SPACER PIECE	
200	441693-0000	-		1	HANDLE	
210	B 469977-0000	I		1	ELECTRICAL CONNECTION	
220	531730-0000	J		3	FLANGE SEAL	
230	978517-0000	D		1	FASTENING PLATE	
240	978518-0000	D		2	SIDE PIPE	
250	978520-0000	D		1	NUT	
260	978521-0000	D		2	NUT	
270	978527-0000	J		10	GASKET	
280	1317435-0000	D		1	COVER	
300	90163-0080	-		1	NIPPLE 5450-8/6	
305	90166-0023	-	MM	1000	SHRINKABLE HOSE 38mm	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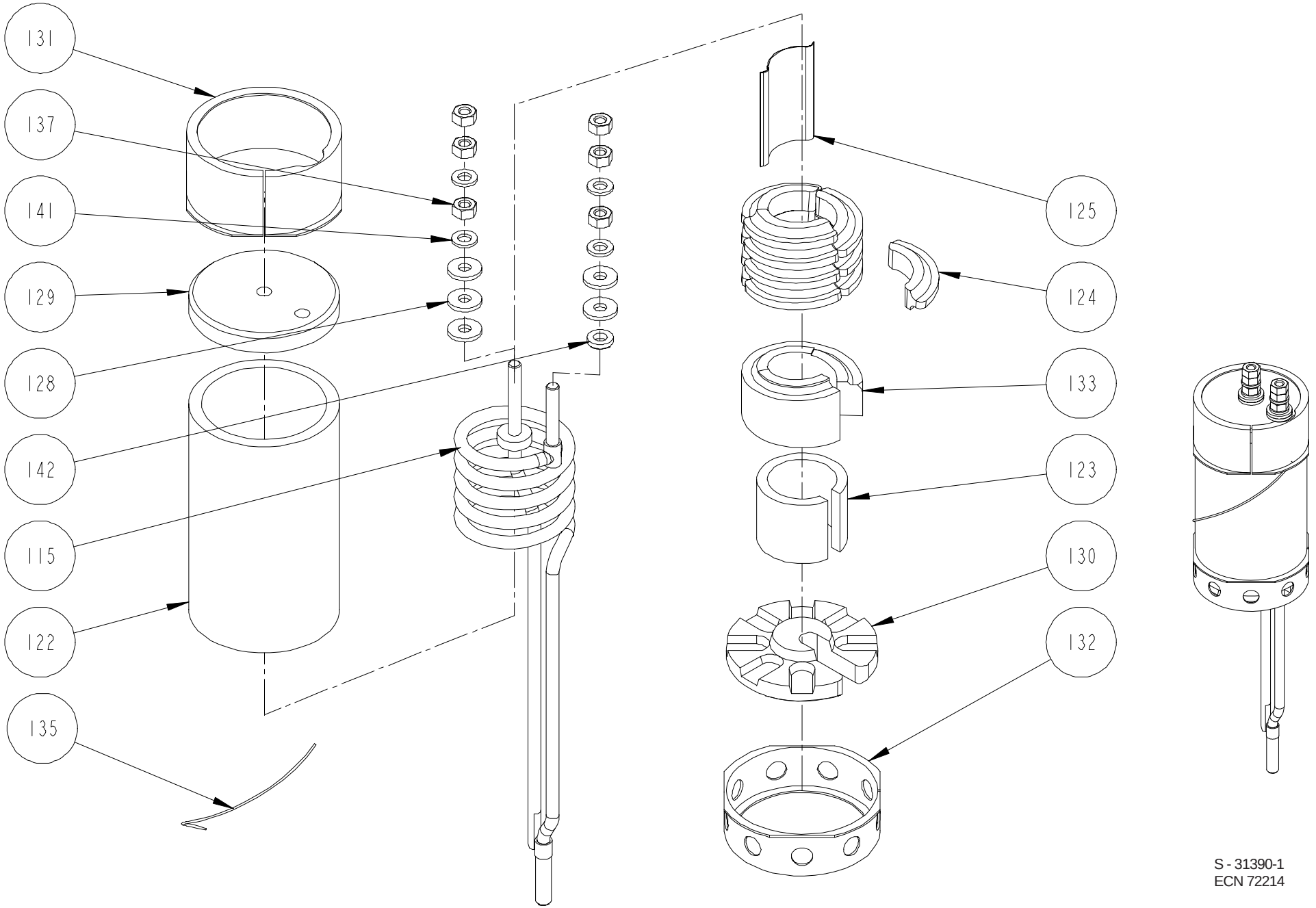
Pos	Part No	SP	UN	Qty	Description	Page No
310	90166-0133	-	MM	1200	TUBE 8 mm PA,Transp.	
320	312105-0384	-		2	SCREW M6S ISO 4014 M6x70 A280	
410	312105-0327	-		24	SCREW M6S ISO 4017 M5X12 A280	
460	315105-0146	-		6	WASHER,PLAIN ROUND 5,3x10 Stainless	
470	315105-0153	-		12	WASHER,PLAIN ROUND 6,4x12 Stainless	
480	315204-0305	K		1	O-RINGS 69,5X3	
490	342920-0122	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R1/4"	
500	352100-0107	-		4	CABLE GLANR.18,6-12	
520	312318-0331	-		4	SET SCREW CUP POINT ISO 4029 M5X20 RFR	
530	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
540	312715-0114	-		4	NUTS,WING M5	
550	342921-0111	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-M5	
560	359710-0001	-		1	WARNING SIGN "HOT SURFACE"	

Pos	Part No	SP	UN	Qty	Description	Page No

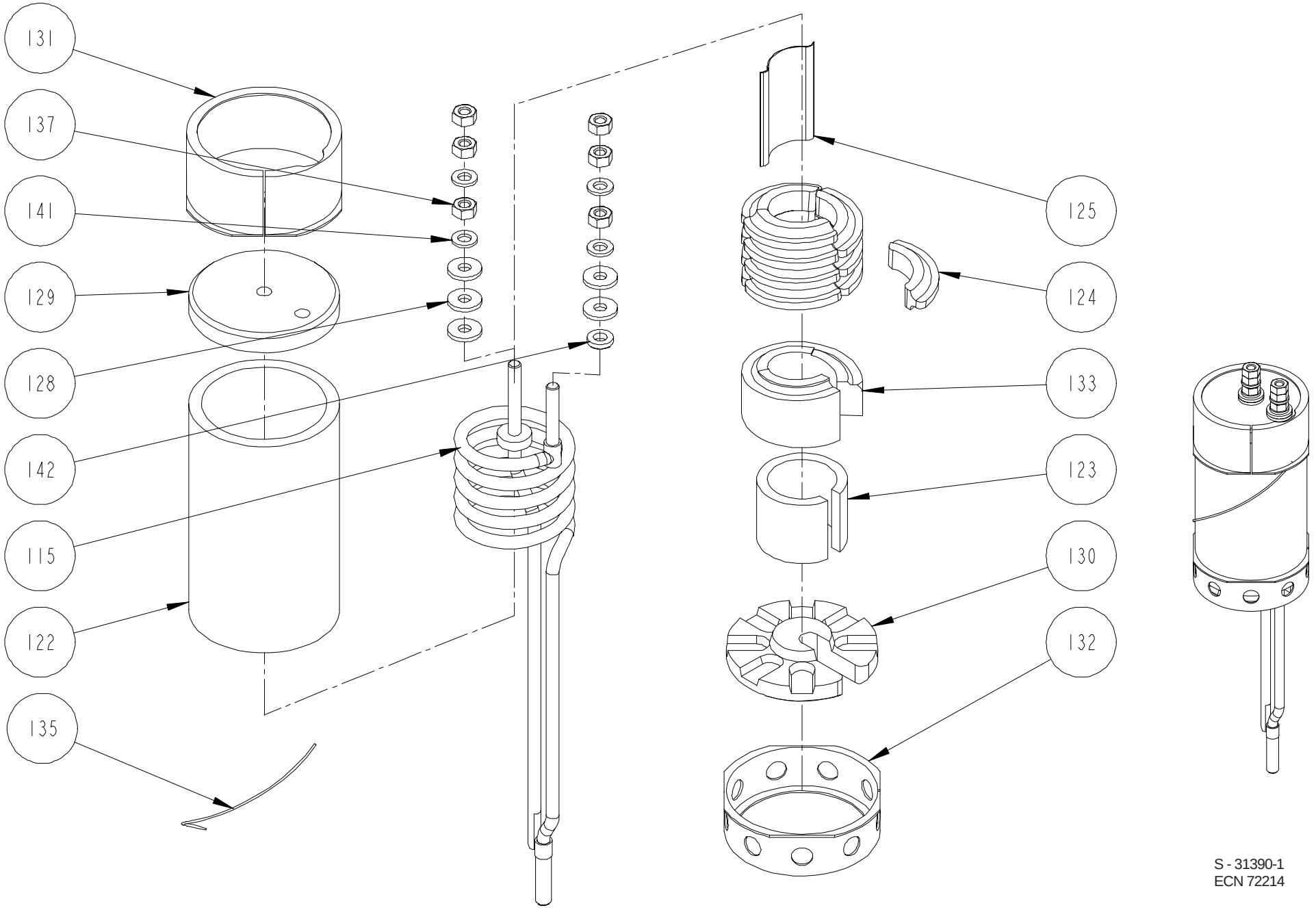
FF-ELEMENT TOP



S - 31390-1
ECN 72214

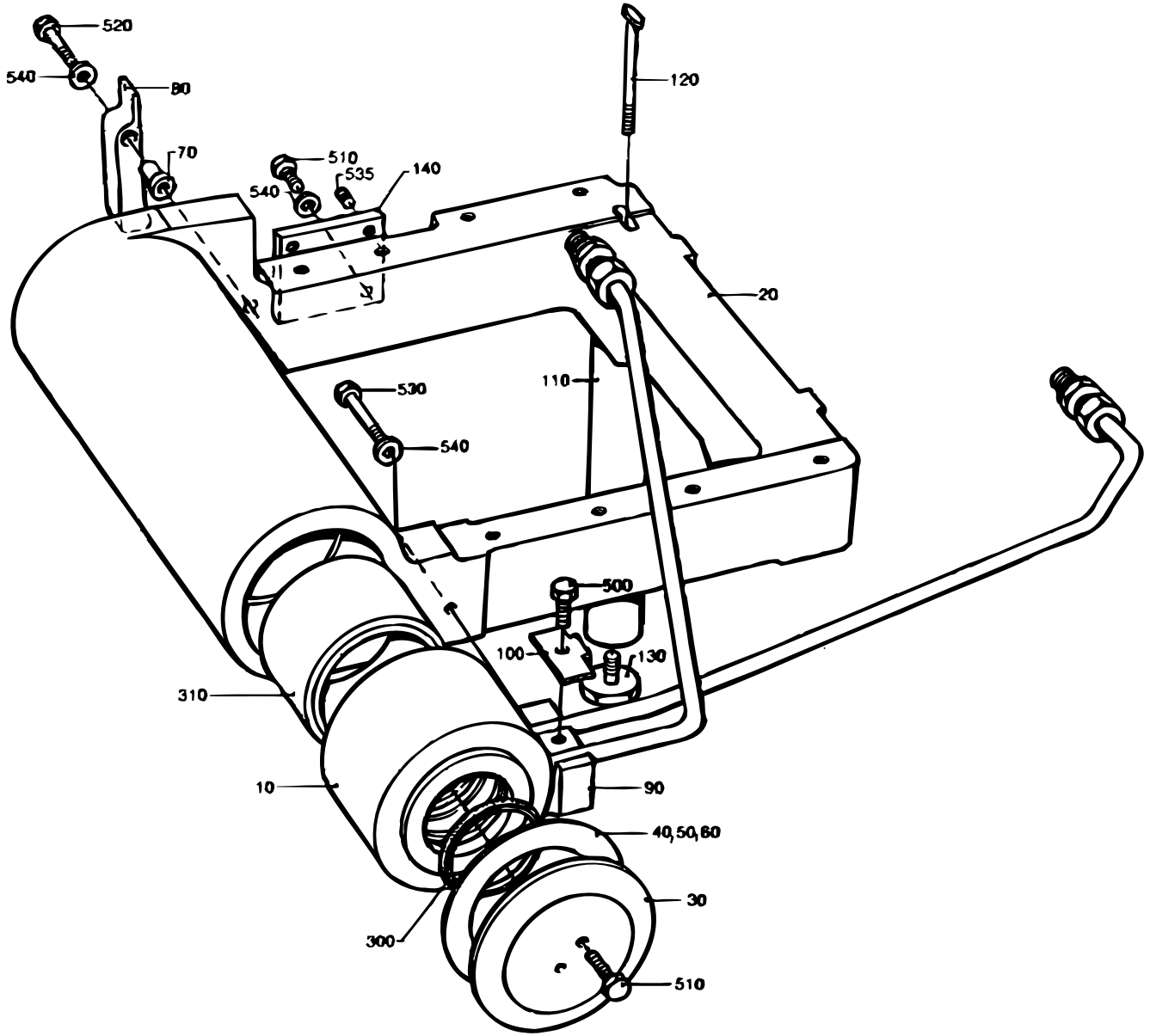
Pos	Part No	SP	UN	Qty	Description	Page No
0300B 640005 or 0300B 648005 or 0300B 648035 or TBA 0100B 648105 or TBA 0125S 648105 or TBA 0160S 648105 or TBA 0180B 640005 or TBA 0180B 648005 or TBA 0180B 648105 or TBA 0189B 640005 or TBA 0189B 648005 or TBA 0200B 640005 or TBA 0200B 648005 or TBA 0200B 648105 or TBA 0200S 648105 or TBA 0236B 640005 or TBA 0236B 648005 or TBA 0236B 648105 or TBA 0250B 640005 or TBA 0250B 648005 or TBA 0250B 648035 or TBA 0250S 648105 or TBA 0284B 640005 or TBA 0284B 648005 or TBA 0284B 648035 or TBA 0284B 648105 or TBA 0300S 648105 or TBA 0330S 648105						
115	30310-0002	K		1	FF HEATING ELEMENT TOP	
TBA 0250B 648105						
115	30310-0002	K		1	FF HEATING ELEMENT TOP	
TBA 0180B 648035 or TBA 0189B 648035 or TBA 0200B 648035 or TBA 0236B 648035						
115	30310-0003	K		1	FF HEATING ELEMENT TOP	
Common parts						
122	20705-0001	K		1	INSULATING PIPE	
123	29411-0000	K		1	SPACER PIPE	
124	29413-0000	K		12	LACE	
125	31653-0001	K		1	SHEET	
128	525233-0000	K		5	GASKET 16x2x6mm	
129	20772-0000	K		1	INSULATOR BODY 70x70x15mm	
130	37536-0000	K		1	INSULATOR BODY Lower 70x70x15mm	
131	23771-0000	K		1	SPACER RING 4x78x1mm	
132	37537-0000	K		1	SPACER RING Lower 72x78x1mm	
133	37535-0000	K		1	SUPPORTING PART 56x56x31,5mm	
135	90145-0005	-	M	1	WIRE	
137	312811-0316	-		6	LOCK NUT M6RFR	
141	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
142	315115-0153	-		1	WASHER TBRB 6,4x12 Stainless	

FF-ELEMENT BOTTOM



S - 31390-1
ECN 72214

Pos	Part No	SP	UN	Qty	Description	Page No
0300B 640005 or 0300B 648005 or 0300B 648035 TBA 0200B 648105 or TBA 0236B 640005 or TBA 0236B 648005 or TBA 0236B 648035 or TBA 0236B 648105 or TBA 0250B 640005 or TBA 0250B 648005 or TBA 0250B 648035 or TBA 0250S 648105 or TBA 0284B 640005 or TBA 0284B 648005 or TBA 0284B 648035 or TBA 0284B 648105						
115	30311-0001	K		1	FF HEATINGELEMENT Buttom Kanthal 2333-02	
TBA 0100B 648105 or TBA 0125S 648105 or TBA 0180B 640005 or TBA 0180B 648005 or TBA 0180B 648105 or TBA 0189B 640005 or TBA 0189B 648005 or TBA 0189B 648105 or TBA 0200B 640005 or TBA 0200B 648005 or TBA 0200S 648105						
115	30311-0002	K		1	FF HEATINGELEMENT Buttom Kanthal 2333-02	
TBA 0250B 648105						
115	30311-0001	K		1	FF HEATINGELEMENT Buttom Kanthal 2333-02	
Common parts						
122	20705-0001	K		1	INSULATING PIPE	
124	29413-0000	K		21	LACE	
125	31653-0002	K		1	FIX PLATE 39x85x0,5mm	
128	525233-0000	K		5	GASKET 16x2x6mm	
129	20772-0000	K		1	INSULATOR BODY 70x70x15mm	
130	37536-0000	-		1	INSULATOR BODY Lower 70x70x15mm	
131	23771-0000	-		1	SPACER RING 4x78x1mm	
132	37537-0000	-		1	SPACER RING Lower 72x78x1mm	
133	37535-0000	-		1	SUPPORTING PART 56x56x31,5mm	
137	312811-0316	-		6	LOCK NUT M6RFR	
141	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
142	315115-0153	-		1	WASHER TBRB 6,4x12 Stainless	
Common parts						
020	B 295201-0000	D		1	FRAME	
030	295203-0000	D		1	LID	
040	295204-0001	M		2	SHIM	
050	295204-0002	M		2	SHIM	
060	295204-0003	M		2	SHIM	
070	295205-0000	-		1	SPACER SLEEVE	
080	295206-0000	D		1	FLAP	
090	295207-0000	D		1	HOLDER	
100	295208-0000	D		1	SECURING PLATE	
110	295430-0000	D		1	SUPPORT	
120	295431-0000	D		1	SCREW	
130	295432-0000	D		1	SCREW	
300	90091-0136	K		3	SEAL RING	
310	90240-0094	K		2	BEARING BUSHING WITHOUT FLANGE, 50X55X40	
500	312105-0366	-		1	SCREW M6S ISO 4017 M6x12 A280	
510	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
520	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
530	312105-0376	-		1	SCREW M6S ISO 4017 M6x35 A280	
535	312318-0323	-		2	SET SCREW CUP POINT ISO 4029 M5X8 RFR	
540	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	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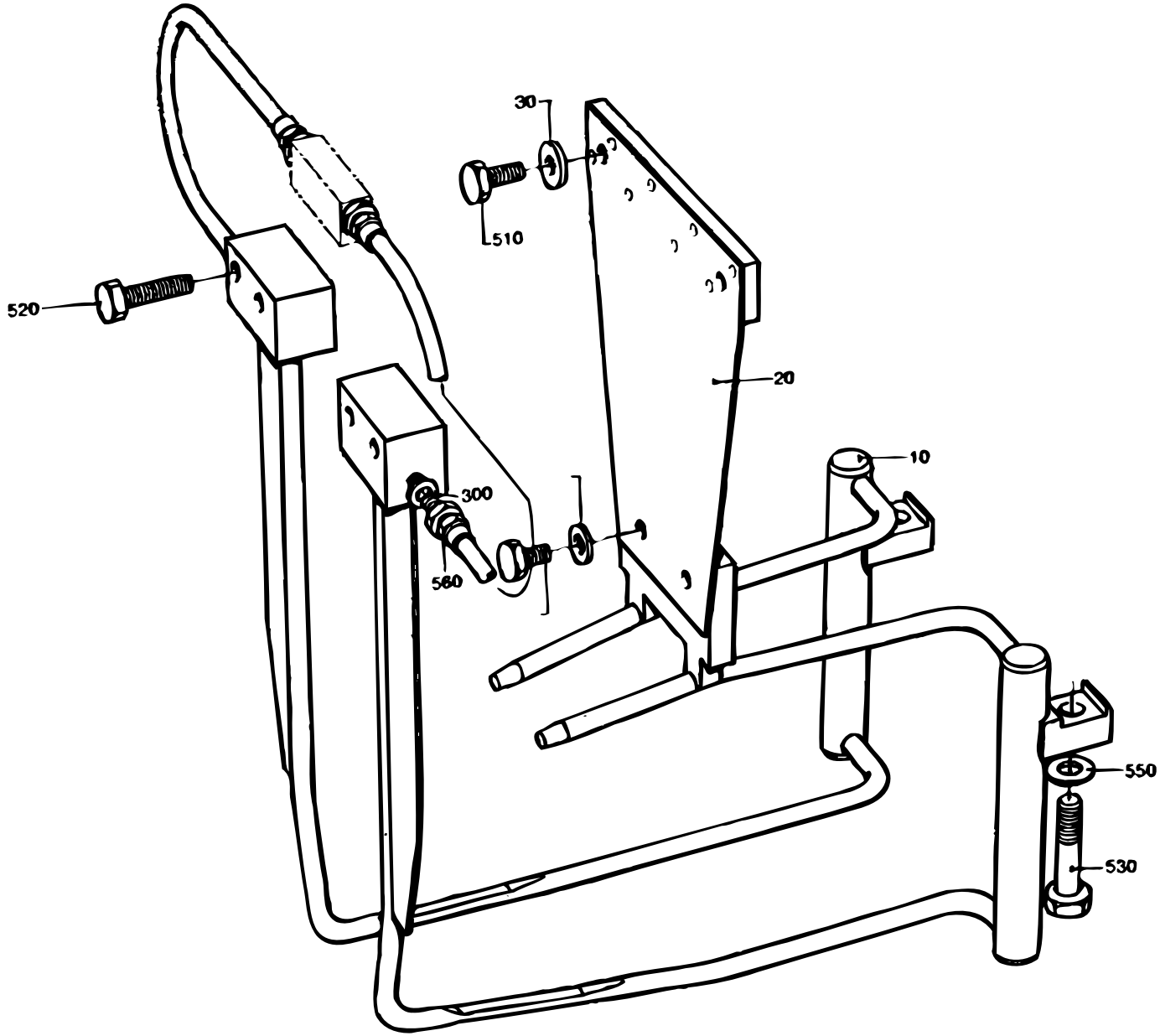
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S or TBA 0160S or TBA 0180B or TBA 0200B or TBA 0236B						
010	B 295202-0002	D		1	SWIVEL	
140	469527-0000	D		1	SETTING PLATE	
TBA 0200M or TBA 0200S or TBA 0250B or TBA 0284B or TBA 0300S						
010	B 295202-0001	D		1	SWIVEL	
140	469527-0000	D		1	SETTING PLATE	
TBA 0250S						
010	B 295202-0003	D		1	SWIVEL	
140	469527-0000	D		1	SETTING PLATE	
TBA 0330S						
010	295202-0004	D		1	SWIVEL	
140	582038-0000	D		1	SETTING PLATE	
Common parts						
030	271587-0000	-		2	WASHER	
300	90005-0056	-		2	WASHER,Plain Round,nylon 6x8,5;H=1	
500	312105-0364	-		2	SCREW M6S 6x10 A280	
510	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
520	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
530	312105-0457	-		2	SCREW ISO 4017 M8x35 A280	
540	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
550	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
560	342921-0112	M		2	STRAIGHT COUPLING,EXT.THREADED 6/4-6M	

Pos	Part No	SP	UN	Qty	Description	Page No

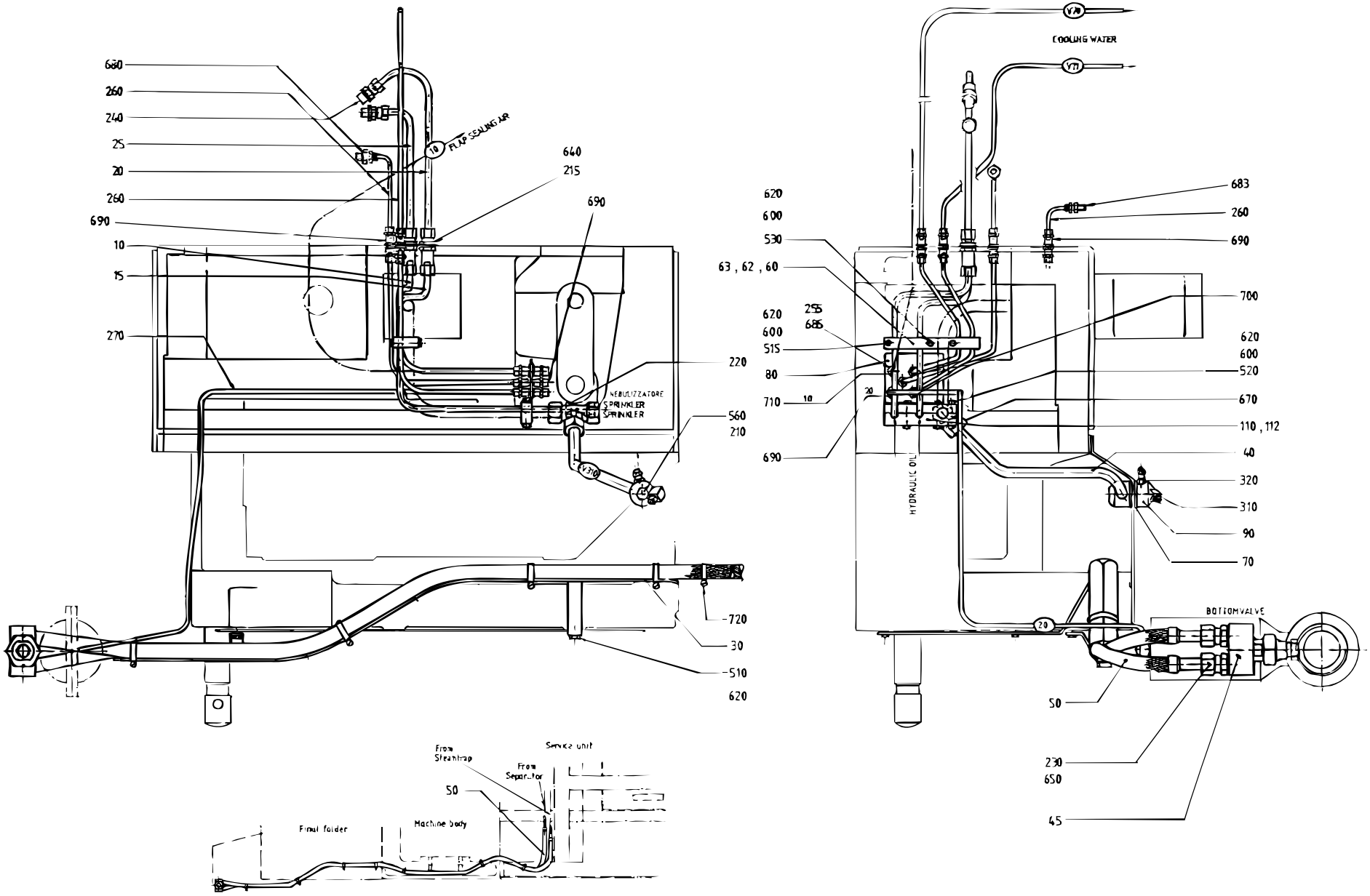
FOLDING BAR



S-295218-4
ECN 13634

Pos	Part No	SP	UN	Qty	Description	Page No
0100B						
010	979741-0000	R		1	FOLDING BAR	
020	295871-0009	D		1	BRACKET	
0125S						
010	295863-0000	R		1	FOLDING BAR	
020	295871-0006	D		1	BRACKET	
0160S						
010	577207-0000	R		1	FOLDING BAR	
020	295871-0008	D		1	BRACKET	
0180B						
010	295862-0004	R		1	FOLDING BAR	
020	295871-0005	D		1	BRACKET	
0200B						
010	295862-0003	R		1	FOLDING BAR	
020	295871-0004	D		1	BRACKET	
0200S						
010	295864-0000	R		1	FOLDING BAR	
020	295871-0001	D		1	BRACKET	
0236B						
010	295862-0002	R		1	FOLDING BAR	
020	295871-0003	D		1	BRACKET	
0250B						
010	295862-0001	R		1	FOLDING BAR	
020	295871-0002	D		1	BRACKET	
0250S						
010	574465-0000	R		1	FOLDING BAR	
020	295871-0007	D		1	BRACKET	
0284B or 0300S						
010	295862-0005	R		1	FOLDING BAR	
020	295871-0001	D		1	BRACKET	
0330S						
010	582041-0000	R		1	FOLDING BAR	
020	295871-0007	D		1	BRACKET	
0200M						
010	979866-0000	R		1	FOLDING BAR	
020	295871-0002	D		1	BRACKET	

Pos	Part No	SP	UN	Qty	Description	Page No


660
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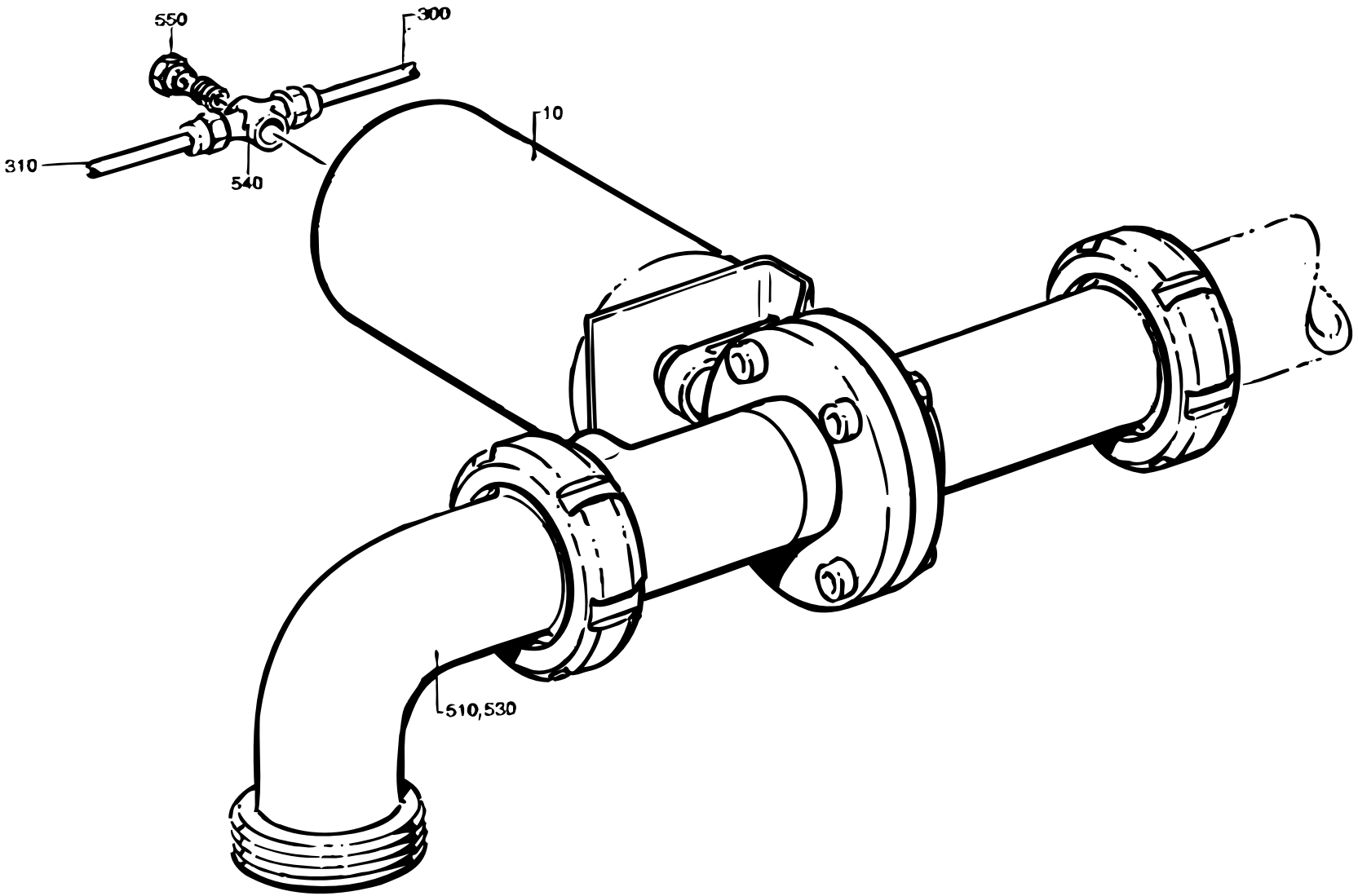
240
25
20
260
690
10
15
270
640
215
690
FLAP SEALING AIR
220
560
210
720
30
510
620
NEBULIZZATORE
SPRINKLER
SPRINKLER
V710
620
600
530
63 , 62 , 60
620
600
515
80
710
690
255
685
683
260
690
700
620
600
520
670
110 , 112
40
320
310
90
70
HYDRAULIC OIL
BOTTOMVALVE
50
230
650
45
COOLING WATER
V711
From Steamtrap
From Separator
Service unit
50
Final folder
Machine body

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
010	578100-0000	-		1	PIPE	
015	578101-0000	-		1	PIPE	
020	578102-0000	-		1	PIPE	
025	578103-0000	-		1	PIPE	
040	574439-0000	-		1	DISTRIBUTOR	
215	90030-0067	-		2	BULKHEAD CONNECTOR SV 8-L/SY	
220	90030-0091	-		2	PIPE CONNECTION G-8	
240	90030-0185	-		2	STRAIGHT CONNECTION GA-8-G1/4"	
260	90166-0117	-	MM	2600	HOSE 4/6 PVC Blue	
310	90424-0009	D		1	NOZZLE	
320	90424-0016	D		1	NOZZLE	
510	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
640	315233-0111	-		2	PLAIN ROUND,NYLON R3/8"	
690	342960-0112	-		5	BULKHEAD COUPLING 6/4	
Common parts						
030	441499-0000	-		1	HOLDER	
045	B 490618-0000	-		1	BRANCH	
050	441500-0000	D		2	HOSE	
060	456853-0001	-		1	PIPE CLAMP	
062	456853-0002	-		1	PIPE CLAMP	
063	456853-0003	-		1	PIPE CLAMP	
070	256907-0000	-		2	WASHER	
080	271478-0000	-		1	PLATE	
090	272191-0000	-		1	DISTRIBUTOR	
110	456854-0001	-		1	CRAMP	
112	456854-0002	-		1	CRAMP	
210	90005-0007	-		1	WASHER,Bolt head 8,7x14;H=1 M8	
230	90030-0151	-		2	Straight Conn.15-R1/2",ext.thread	
255	90163-0062	M		1	SLEEVE 1/8"	
270	90166-0132	-	MM	1800	TUBE 6 mm PA,Transp.	
515	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
520	312105-0378	-		3	SCREW ISO 4017 M6x40 A280	
530	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
560	312105-0463	-		1	SCREW M6S ISO 4014 M8x60 A280	
600	312605-0316	-		6	NUT,HEXAGON A280 M6M6	
620	315105-0153	-		12	WASHER,PLAIN ROUND 6,4x12 Stainless	
630	315233-0109	-		1	PLAIN ROUND,NYLON R1/8"	
650	315233-0113	-		2	PLAIN ROUND,NYLON R1/2"	
670	342746-0114	-		1	T-PIPE CONNECTION T-15	
680	342722-0202	-		1	PIPE COUPLING 1/8" D=6mm	
683	342921-0112	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-6M	
685	342921-0121	R		1	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
700	342960-0121	-		2	BULKHEAD COUPLING 8/6-6/4	
720	342991-0106	-		7	HOSE CLIP,WORM DRIVE TYPE (30)-36	

BOTTOM VALVE

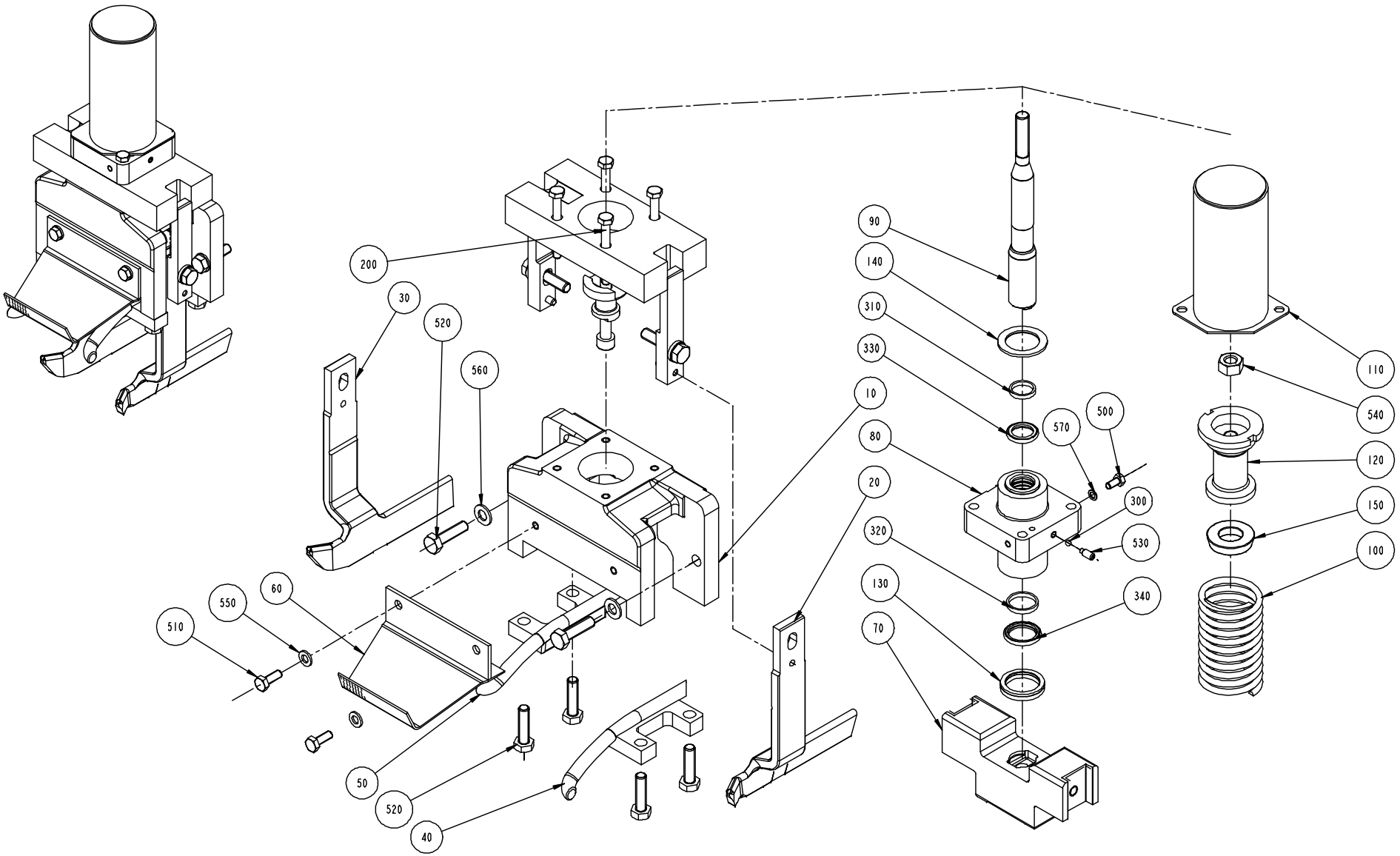


S-256674-3
ECN 12530

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	272751-0000	D		1	BOTTOM VALVE	
300	90166-0089	-	MM	1100	HOSE 4/6.2 PE BLUE	
510	315250-0104	-		1	GASKET 61/51	
530	342807-0104	-		1	ELBOW PIPE51	
540	342980-0113	-		1	BANJO-CONNECTION,RING 6/4-G1/8"	
550	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	

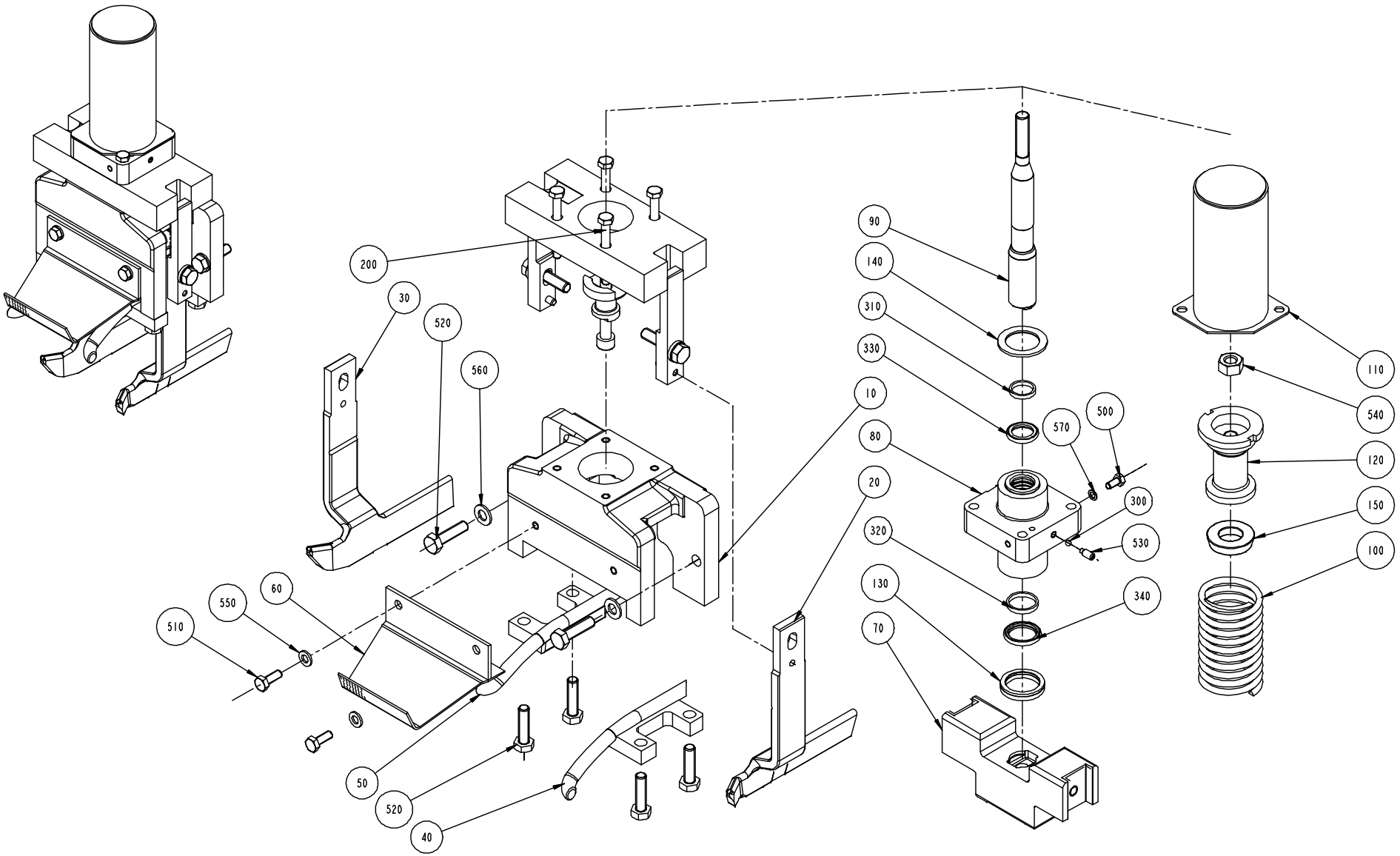
Pos	Part No	SP	UN	Qty	Description	Page No

PULL-DOWN DEVICE



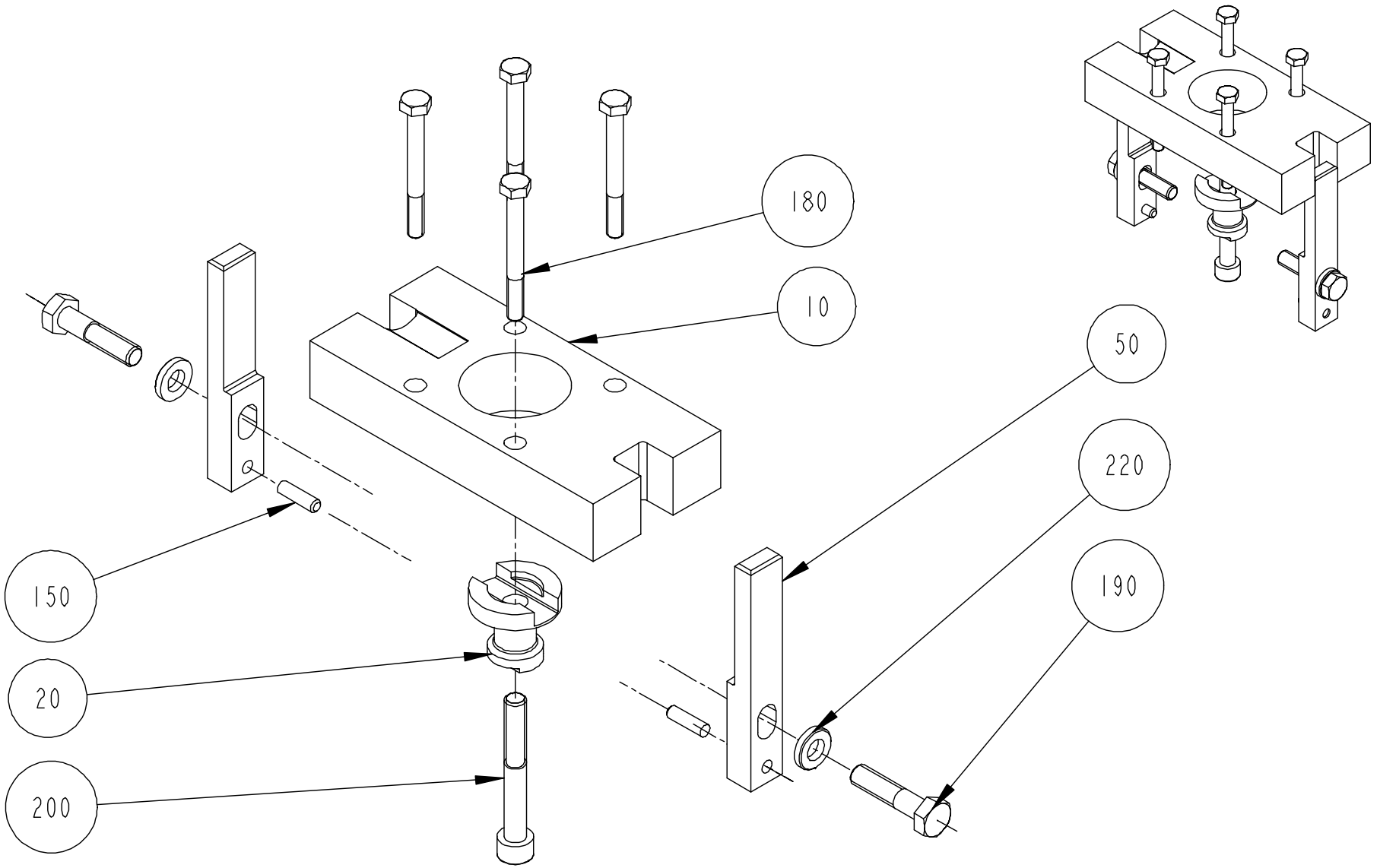
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
200	A 752664-0100	-		1	STEERING	
080	490980-0000	M		1	CYLINDER	
090	752083-0000	K		1	PISTON	
100	271731-0000	M		1	COMPRESSION SPRING	
110	751163-0000	D		1	COVER	
120	441894-0000	D		1	SLEEVE	
130	295072-0000	J		1	BUFFER RING	
140	441896-0000	M		1	WASHER	
150	441895-0000	J		1	BUFFER RING	
300	90090-0013	I		1	STEEL BALL SKF RB-4/111	
310	90091-0162	I		1	GUIDE RING	
320	90091-0163	I		1	GUIDE RING	
330	90091-0160	I		1	SEAL RING	
340	90091-0165	I		1	SEAL RING	
500	312105-0325	-		1	SCREW M6S 5x10 A2 80	
510	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
520	312105-0455	-		6	SCREW M6S ISO 4017 M8x30 A280	
530	312311-0327	-		1	SET SCREW FULL DOGPOINT ISO 4028 M5X12	
540	312605-0320	-		1	NUT,HEXAGON,M10 A280	
550	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
560	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
570	315234-0101	-		1	PLAIN ROUND,COPPER M5	
0100B						
010	295843-0009	R		1	BRACKET	
020	272905-0011	R		1	ARM LEFT	
030	272906-0011	R		1	ARM RIGHT	
040	979737-0000	D		1	RAIL LEFT	
050	979738-0000	D		1	RAIL RIGHT	
060	271939-0003	D		1	SLIDE SHEET	
070	491805-0000	R		1	BLOCKING PIECE	
0125S						
010	295843-0005	R		1	BRACKET	
020	272905-0005	R		1	ARM	
030	272906-0005	R		1	ARM	
040	295059-0000	D		1	RAIL LEFT	
050	295060-0000	D		1	RAIL	
060	271939-0001	D		1	SLIDE SHEET	
070	491805-0000	R		1	BLOCKING PIECE	
0160S						
010	295843-0008	R		1	BRACKET	
020	272905-0009	R		1	ARM	
030	272906-0009	R		1	ARM	
040	295059-0000	D		1	RAIL LEFT	
050	295060-0000	D		1	RAIL	
060	271939-0001	D		1	SLIDE SHEET	
070	491806-0000	R		1	BLOCKING PIECE	
0180B						
010	295843-0004	R		1	BRACKET	
020	272905-0004	R		1	ARM	
030	272906-0004	R		1	ARM	
040	295057-0003	D		1	RAIL	
050	295058-0003	D		1	RAIL	
060	272045-0004	D		1	SLIDE SHEET	
070	491804-0000	R		1	BLOCKING PIECE	
0200B						
010	295843-0003	R		1	BRACKET	
020	272905-0003	R		1	ARM	
030	272906-0003	R		1	ARM	
040	295057-0002	D		1	RAIL	
050	295058-0002	D		1	RAIL	
060	272045-0003	D		1	SLIDE SHEET	
070	491804-0000	R		1	BLOCKING PIECE	
0200S						
010	295843-0006	R		1	BRACKET	
020	272905-0006	R		1	ARM	
030	272906-0006	R		1	ARM	
040	295061-0000	D		1	RAIL	
050	295062-0000	D		1	RAIL	
060	272045-0001	D		1	SLIDE SHEET	
070	491806-0000	R		1	BLOCKING PIECE	
0236B						
010	295843-0002	R		1	BRACKET	
020	272905-0002	R		1	ARM	
030	272906-0002	R		1	ARM	
040	295057-0001	D		1	RAIL	
050	295058-0001	D		1	RAIL	
060	272045-0002	D		1	SLIDE SHEET	
070	491804-0000	R		1	BLOCKING PIECE	
0250B						
010	295843-0001	R		1	BRACKET	
020	272905-0001	R		1	ARM	
030	272906-0001	R		1	ARM	
040	295057-0001	D		1	RAIL	
050	295058-0001	D		1	RAIL	

PULL-DOWN DEVICE



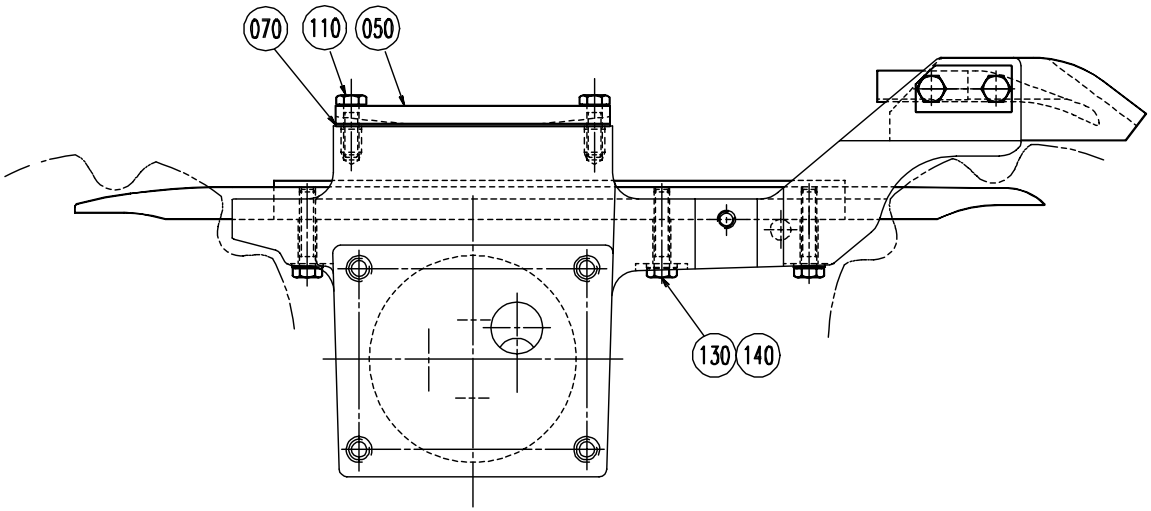
Pos	Part No	SP	UN	Qty	Description	Page No
060	272045-0002	D		1	SLIDE SHEET	
070	491804-0000	R		1	BLOCKING PIECE	
0250S						
010	295843-0007	R		1	BRACKET	
020	272905-0008	R		1	ARM	
030	272906-0008	R		1	ARM	
040	574348-0000	D		1	RAIL LEFT	
050	574349-0000	D		1	RAIL RIGHT	
060	272045-0001	D		1	SLIDE SHEET	
070	574350-0000	R		1	BLOCKING PIECE	
0284B or 0300S						
010	295843-0006	R		1	BRACKET	
020	272905-0006	R		1	ARM	
030	272906-0006	R		1	ARM	
040	295057-0001	D		1	RAIL	
050	295058-0001	D		1	RAIL	
060	272045-0001	D		1	SLIDE SHEET	
070	491804-0000	R		1	BLOCKING PIECE	
0330S						
010	295843-0006	R		1	BRACKET	
020	272905-0010	R		1	ARM LEFT	
030	272906-0010	R		1	ARM RIGHT	
040	295057-0004	D		1	RAIL	
050	295058-0004	D		1	RAIL	
060	272045-0001	D		1	SLIDE SHEET	
070	491804-0000	R		1	BLOCKING PIECE	
0200M						
010	295843-0001	R		1	BRACKET	
020	272905-0012	R		1	ARM LEFT	
030	272906-0012	R		1	ARM RIGHT	
040	979864-0000	D		1	RAIL LEFT	
050	979865-0000	D		1	RAIL RIGHT	
060	272045-0002	D		1	SLIDE SHEET	
070	574350-0000	R		1	BLOCKING PIECE	
TB 0200B						
010	295843-0003	R		1	BRACKET	
020	272905-0013	R		1	ARM LEFT	
030	272906-0013	R		1	ARM RIGHT	
040	295057-0002	D		1	RAIL	
050	295058-0002	D		1	RAIL	
060	272045-0003	D		1	SLIDE SHEET	
070	491804-0000	R		1	BLOCKING PIECE	

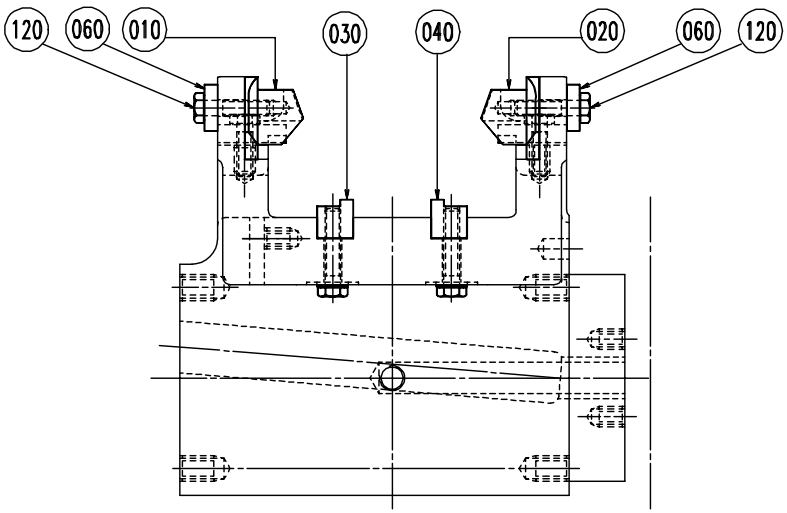
Pos	Part No	SP	UN	Qty	Description	Page No


180
10
50
220
190
150
20
200

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260744-0000	-		1	STEER PLATE	
020	752657-0000	D		1	SPACER SLEEVE	
050	752655-0000	M		2	GUIDE PIN	
150	311103-0309	-		2	CYLINDRICACP M6 5X18 RFR	
180	312105-0381	-		4	SCREW M6S ISO 4014 M6x55 A280	
190	312105-0457	-		2	SCREW ISO 4017 M8x35 A280	
200	312115-0463	-		1	SCREW MC6S ISO 4762 M8X60 A280	
220	315115-0165	-		2	WASHER TBRB 8,4x16 Stainless	

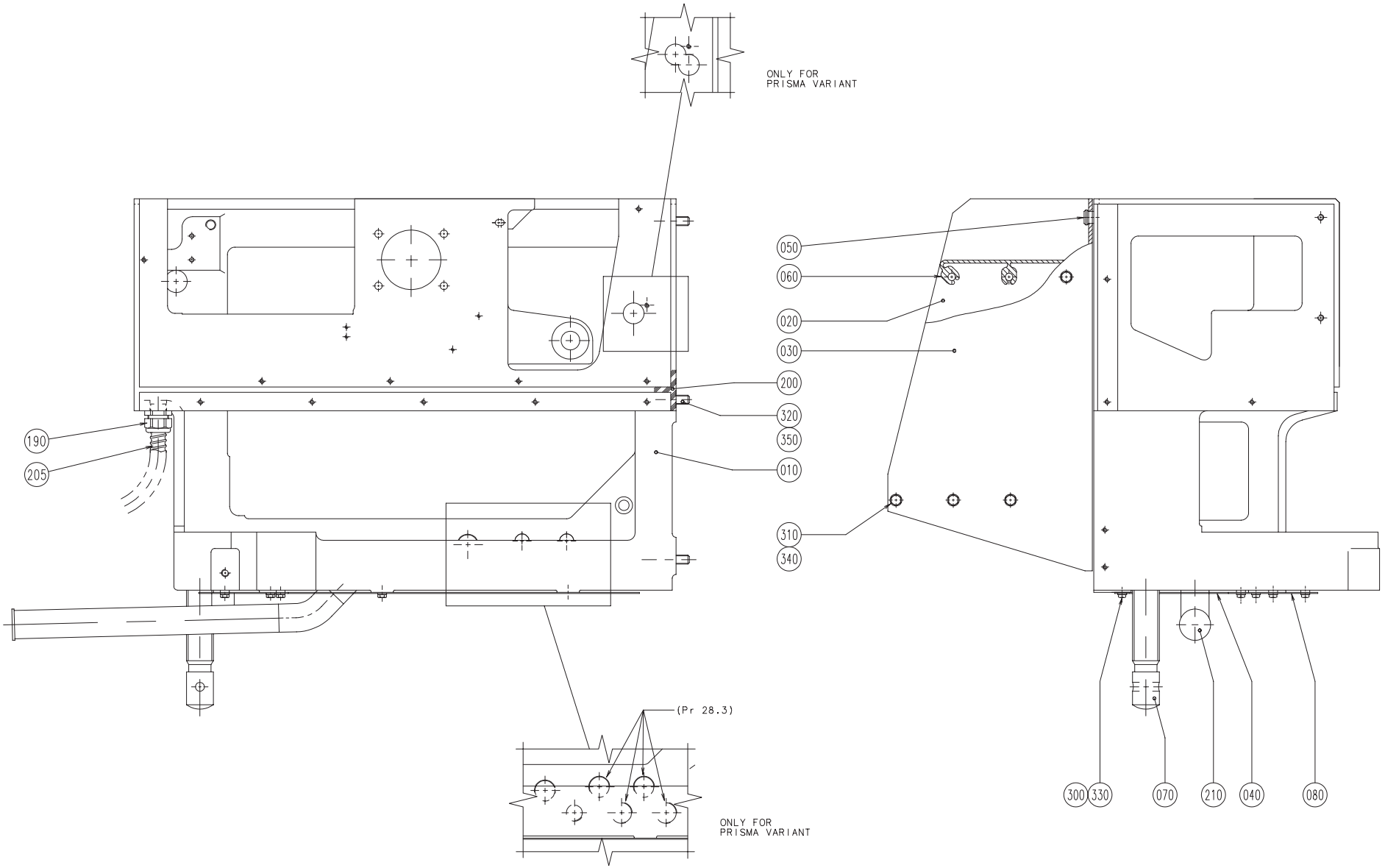
Pos	Part No	SP	UN	Qty	Description	Page No


070
110
050
130
140


120
060
010
030
040
020
060
120

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
030	751109-0000	R		1	RAIL RIGHT	
040	751110-0000	R		1	RAIL LEFT	
050	491265-0000	M		2	PLATE	
060	295729-0000	D		2	WASHER	
070	491266-0000	I		2	SHIM	
110	312105-0370	-		4	SCREW M6S ISO 4017 M6x20 A280	
120	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A280	
130	312105-0374	-		6	SCREW M6S ISO 4017 M6X30 A280	
140	315105-0153	-		6	WASHER,PLAIN ROUND 6,4x12 Stainless	
0100B or 0125S						
010	751697-0000	R		1	FOLDING BAR RIGHT	
020	751696-0000	R		1	FOLDING BAR LEFT	
0160S or 0200S						
010	751709-0000	R		1	FOLDING BAR RIGHT	
020	751710-0000	R		1	FOLDING BAR LEFT	
0180B or 0187B or 0200B or 0236B or 0250B or 0284B or 0300S						
010	751707-0000	R		1	FOLDING BAR RIGHT	
020	751708-0000	R		1	FOLDING BAR LEFT	
0200M or 0250S						
010	574342-0000	R		1	FOLDING BAR RIGHT	
020	574343-0000	R		1	FOLDING BAR LEFT	
0330S						
010	1348421-0000	R		1	FOLDING BAR RIGHT	
020	1348420-0000	R		1	FOLDING BAR LEFT	

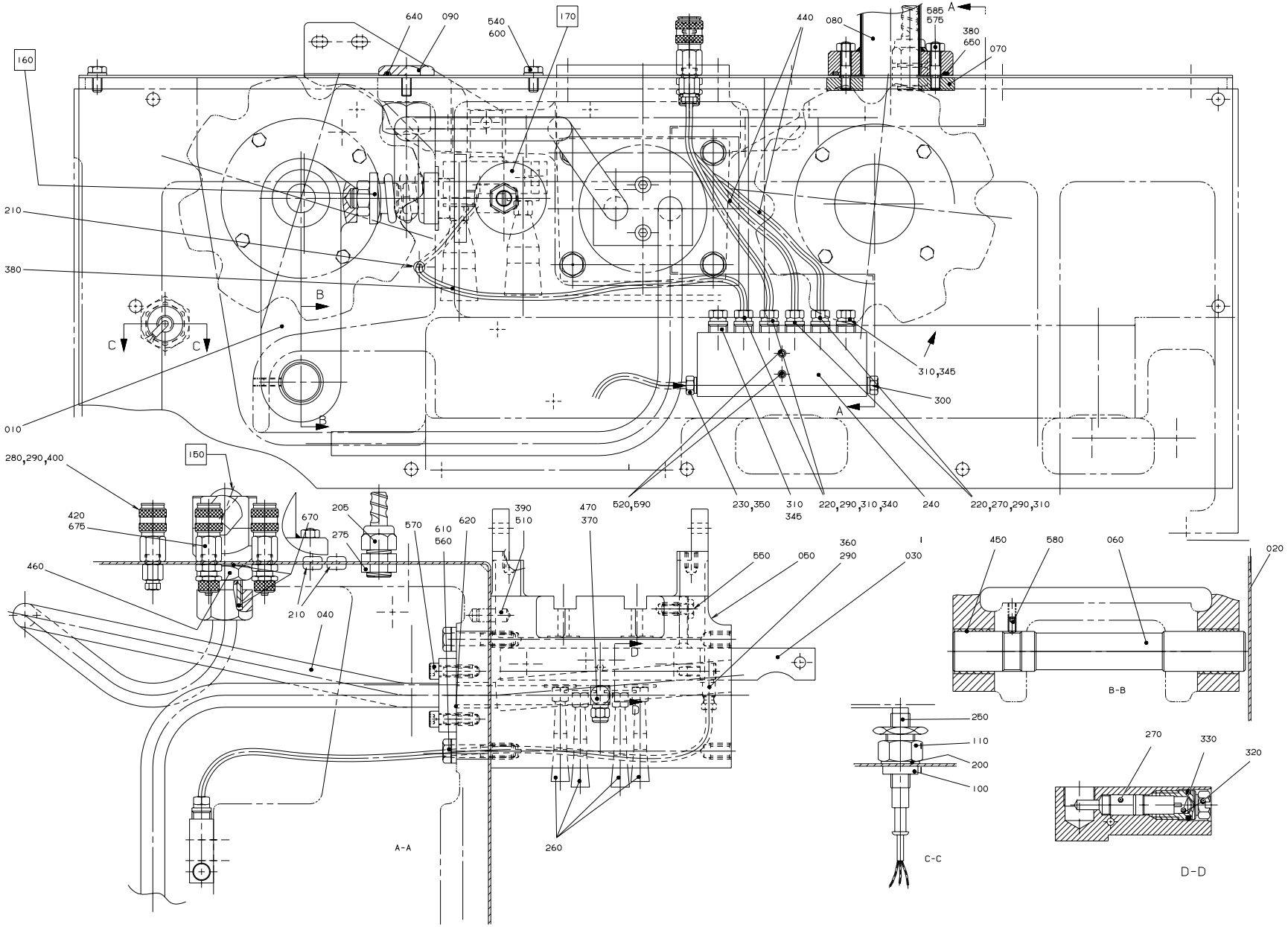
Pos	Part No	SP	UN	Qty	Description	Page No



S-441695-2
ECN 70599

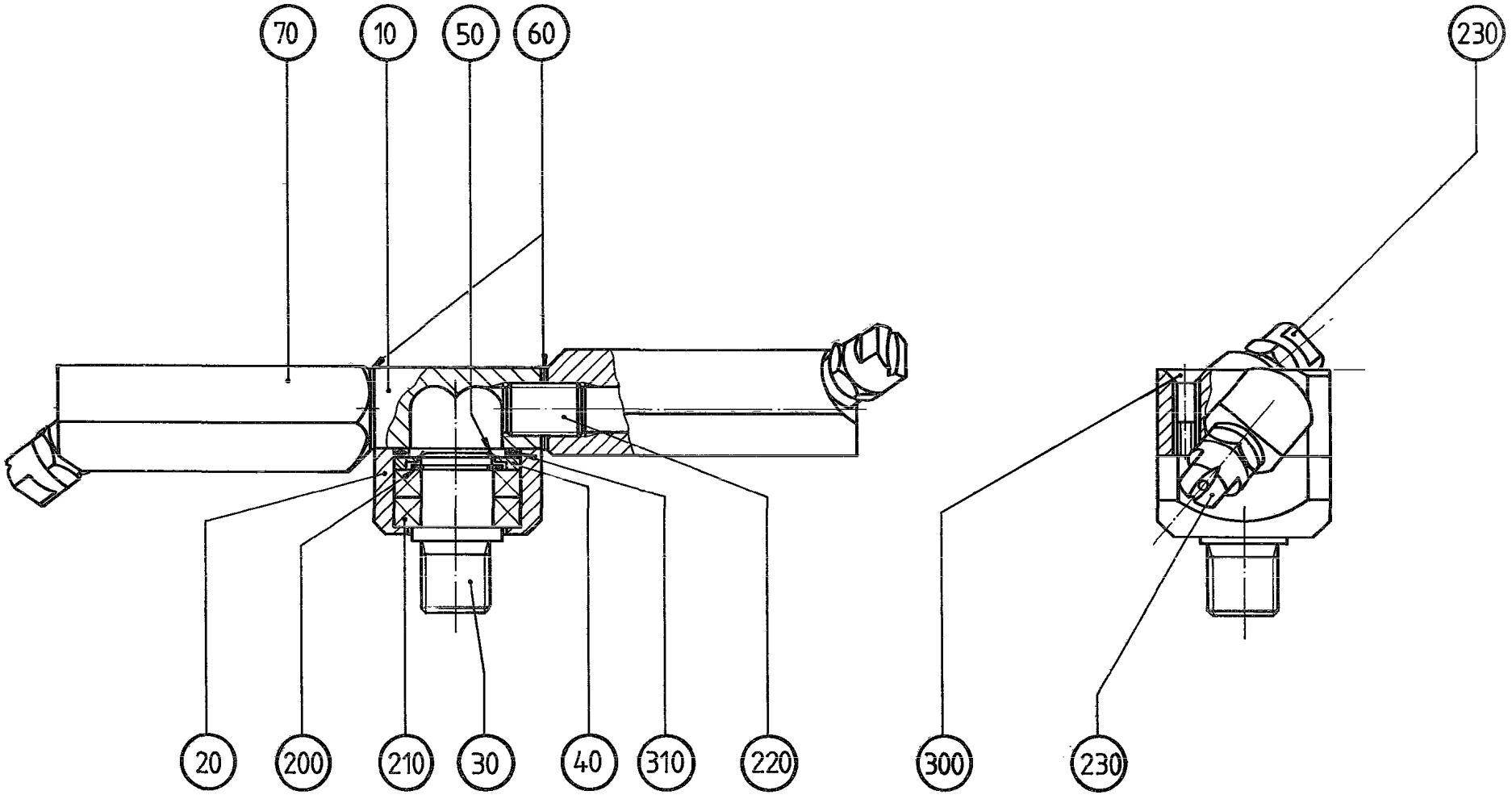
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	272659-0000	-		1	SIDE PIECE	
030	272660-0000	-		1	SIDE PIECE	
040	752213-0000	-		1	BOTTOM PANEL	
050	271591-0000	-		2	BUTTON	
060	272661-0000	-		2	STAIR	
080	272743-0000	-		1	LID	
200	90143-0028	-	MM	2700	STRIP	
210	90261-0025	-		2	PLUG,BLIND PLASTIC FOR M38x1,5/M39x9	
300	312105-0367	-		7	SCREW M6S 6x14 A2 80	
310	312105-0451	-		12	SCREW M6S ISO 4017 8x20 A280	
320	312105-0544	-		6	SCREW M6S ISO 4014 M12X60 A280	
330	315105-0153	-		7	WASHER,PLAIN ROUND 6,4x12 Stainless	
340	315105-0165	-		12	WASHER,PLAIN ROUND 8,4x16 Stainless	
350	315105-0178	-		6	WASHER,PLAIN ROUND 13x24	
TBA						
010	979460-0000	-		1	MACHINE BODY	
070	272673-0000	-		1	LEG	
190	90012-0072	-		1	GLAND FITTING **	

Pos	Part No	SP	UN	Qty	Description	Page No



S-272765-7
ECN 20635

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F150	A 441798-0100	-		1	ROTOR	**408**
F160	A 272652-0300	-		1	CHAIN TENSIONER	**410**
F170	A 978048-0100	-		1	CLAMPING ELEMENT	**412**
010	441600-0000	D		1	LINK ARM	
020	578099-0000	-		1	SHIELD PLATE	
030	751070-0000	-		1	DISTRIBUTOR BLOCK	
040	979458-0000	-		1	PIPE CONNECTION	
050	752485-0000	D		1	SUPPORTING ARM	
060	256276-0000	D		1	SHAFT	
070	978190-0000	-		1	WASHER	
080	979459-0000	-		1	LEAD-IN	
090	272997-0000	D		1	STOPPER	
100	490932-0000	D		1	SLEEVE	
110	490933-0000	D		1	NUT	
200	90005-0048	D		1	WASHER M18x1,5 COPPER	
205	90012-0077	-		1	GLAND FITTING	
210	90015-0028	-		3	LEAD-IN BUSHING	
220	90028-0021	-		4	CONE DIN3862 Di=4mm	
230	90028-0025	-		1	CONE DT4.138811.2D	
240	90032-0040	D		1	BLOCK 6ways DT4.317796.1D	
250	90044-0124	J		1	PROX.SWITCH 922AB2XM-A9P-050-LZ-876Hwell	
260	90092-0048	J		4	OIL BRUSH	
268	90092-0053	-		1	METERING VALVE 30mm3	
270	90092-0054	K		5	METERING VALVE 50mm3	
275	90099-0104	-		1	NUT PR 15,2 (PG9)	
280	90134-0004	K		1	PIPE CONNECTION R1/8	
290	90134-0031	K		8	SLEEVE E 4/2	
300	90087-0019	-		1	PLUG M10x1 Stainless	
310	90134-0040	-		6	BUSHING DT4.018914.1	
320	90134-0042	R		4	SPACER DT4.170711.2	
330	90134-0045	R		4	PLUG	
340	90134-0051	R		2	SPACER COLLAR	
345	90134-0052	R		2	PLUG DT4.076817.2D	
350	90134-0055	R		1	BUSHING 6 DIN 3871 Stainless	
360	90134-0068	R		1	BANJO CONNECTION	
370	90144-0004	R	MM	x	TREBOFLON-TAPE W=13mm	
380	90153-0020	R	L	x	ADHESIVE BOSTIK 1782 125ml	
390	90157-0022	R	KG	x	SEALING COMPOUND	
400	90163-0046	D		1	SLEEVE LP-004-0-WR 0510-21-1 Brass	
420	90163-0062	R		3	SLEEVE 1/8"	
440	90166-0109	-	MM	2600	TUBE 4 mm PA,Transp.	
450	90240-0055	D		2	BEARING BUSHING WITHOUT FLANGE, 25X28X25	
460	90330-0078	D		1	BUSHING,INT./EXT.R-THREAD R3/4"-Rp3/8"	
470	90424-0009	D		1	NOZZLE	
510	311103-0401	-		1	PINS,STRAIGHT 8X20	
520	312105-0297	-		2	SCREW M6S ISO 4014 M4X25 A280	
530	312105-0364	-		2	SCREW M6S 6x10 A280	
540	312105-0366	-		15	SCREW M6S ISO 4017 M6x12 A280	
550	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
560	312105-0459	-		4	SCREW ISO 4017 M8x40 A280	
570	312115-0372	-		2	SCREW MC6S ISO 4762 M6x25 A280	
575	312303-0374	-		2	STUD SCREWMPS 6X25 RFR	
580	312318-0325	-		1	STOP SCREW SK6SS5X10RFR	
585	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
590	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
600	315105-0153	-		17	WASHER,PLAIN ROUND 6,4x12 Stainless	
610	315111-0165	-		4	WASHER TBRB8,4X16FZB	
615	315115-0165	-		1	WASHER TBRB 8,4x16 Stainless	
620	315202-0118	R		2	O-RING 22,1x1,6	
640	315202-0215	R		1	O-RING 19,2x3	
650	315202-0304	R		1	O-RINGS 64,5X3	
660	315233-0109	R		3	PLAIN ROUND,NYLON R1/8"	
670	315233-0111	R		2	PLAIN ROUND,NYLON R3/8"	
675	342921-0113	R		4	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
680	342960-0112	R		2	BULKHEAD COUPLING 6/4	
690	315234-0109	R		1	PLAIN ROUND,COPPER R1/8",M10	

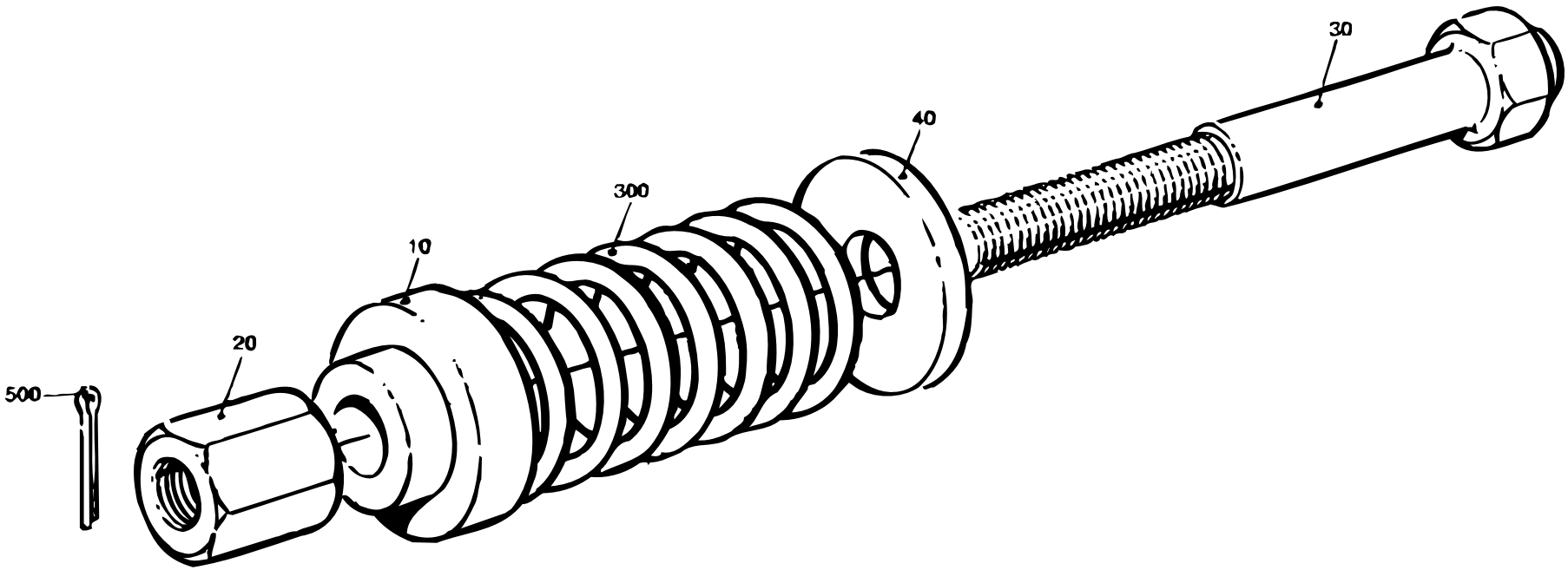


S - 441798-1
ECN 12254

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	441792-0000	D		1	HEAD	
020	441793-0000	D		1	BEARING HOUSING	
030	441794-0000	D		1	PIVOT PIN	
040	441795-0000	D		1	WASHER	
050	441796-0000	F		1	SEAL	
060	441797-0000	R		2	SHIM	
070	441799-0000	R		2	ATTACHMENT	
200	90141-0017	-		1	RETAINING RINGS FOR SHAFT 17	
210	90214-0092	I		2	BALL BEARING,STAINLESS 17X30X7	
220	90330-0101	R		2	NIPPLES,EXT.G-THREAD G1/4"	
230	90424-0035	R		2	NOZZLE	
300	312155-0299	-		2	SCREW MF6S DIN 7991 M4x30 A480	
310	315202-0217	I		1	O-RING 24,2x3	

Pos	Part No	SP	UN	Qty	Description	Page No

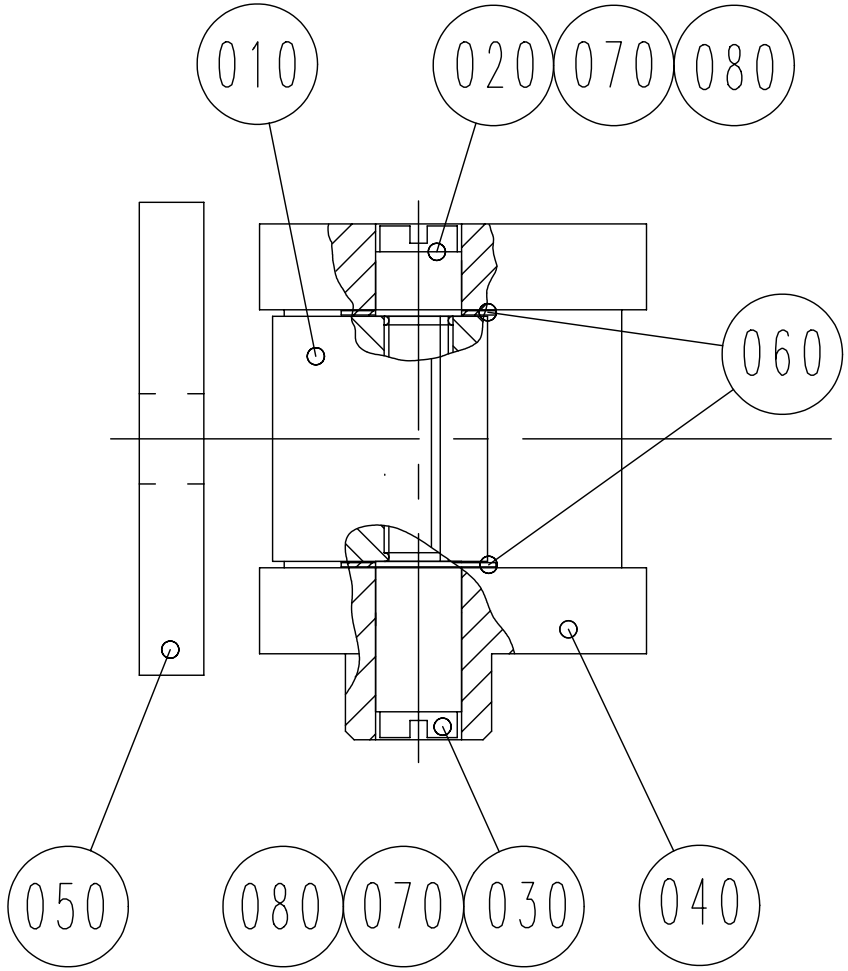
CHAIN TENSIONER

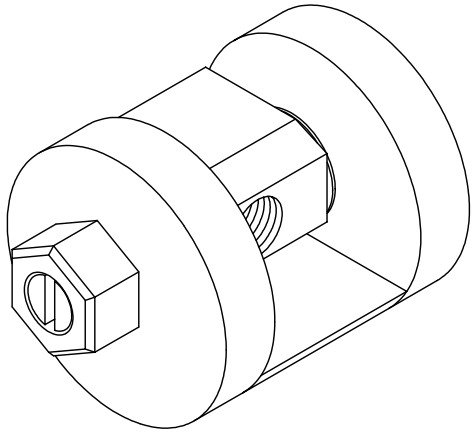


Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	491731-0000	-		1	WASHER	
020	256190-0000	-		1	NUT	
030	441328-0000	-		1	GUIDE PIN	
040	491732-0000	-		1	WASHER	
300	90335-0096	D		1	SPRING	
500	311411-0152	-		1	SPLIT PIN SP2X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

CLAMPING ELEMENT





Pos	Part No	SP	UN	Qty	Description	Page No
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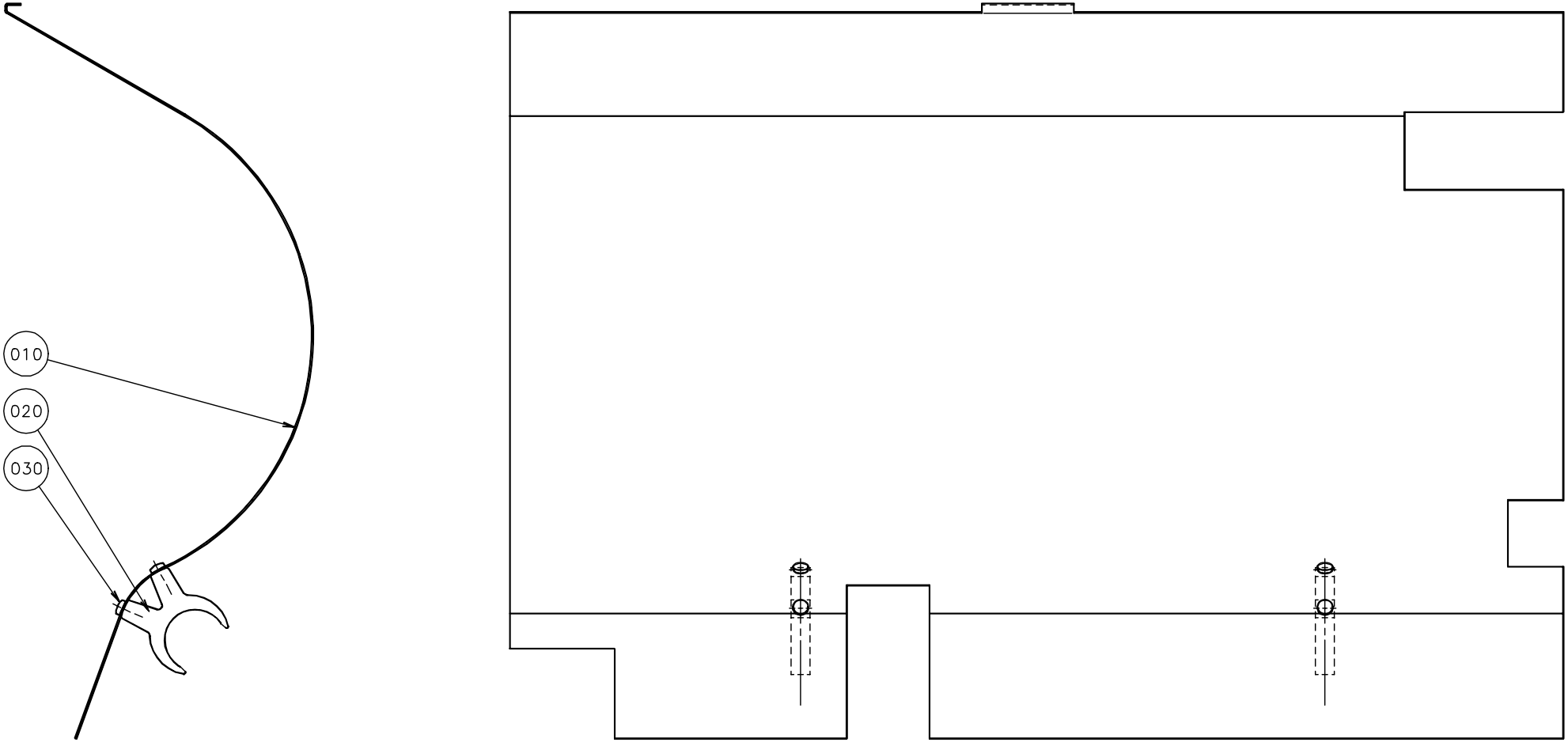
010	978049-0000	D		1	NUT	
020	978050-0001	D		1	SCREW	
030	978050-0002	D		1	SCREW	
040	978051-0000	D		1	ECCENTRIC	
050	978052-0000	D		1	WASHER	
060	2033-0009	D		2	WASHER	
070	90157-0016	-		x	LOCKING FLUID	
080	90296-0012	-	KG	x	LUBRICANT	

Pos	Part No	SP	UN	Qty	Description	Page No

SEPARATION INSERT



S - 456567-2
ECN 70599

Pos	Part No	SP	UN	Qty	Description	Page No
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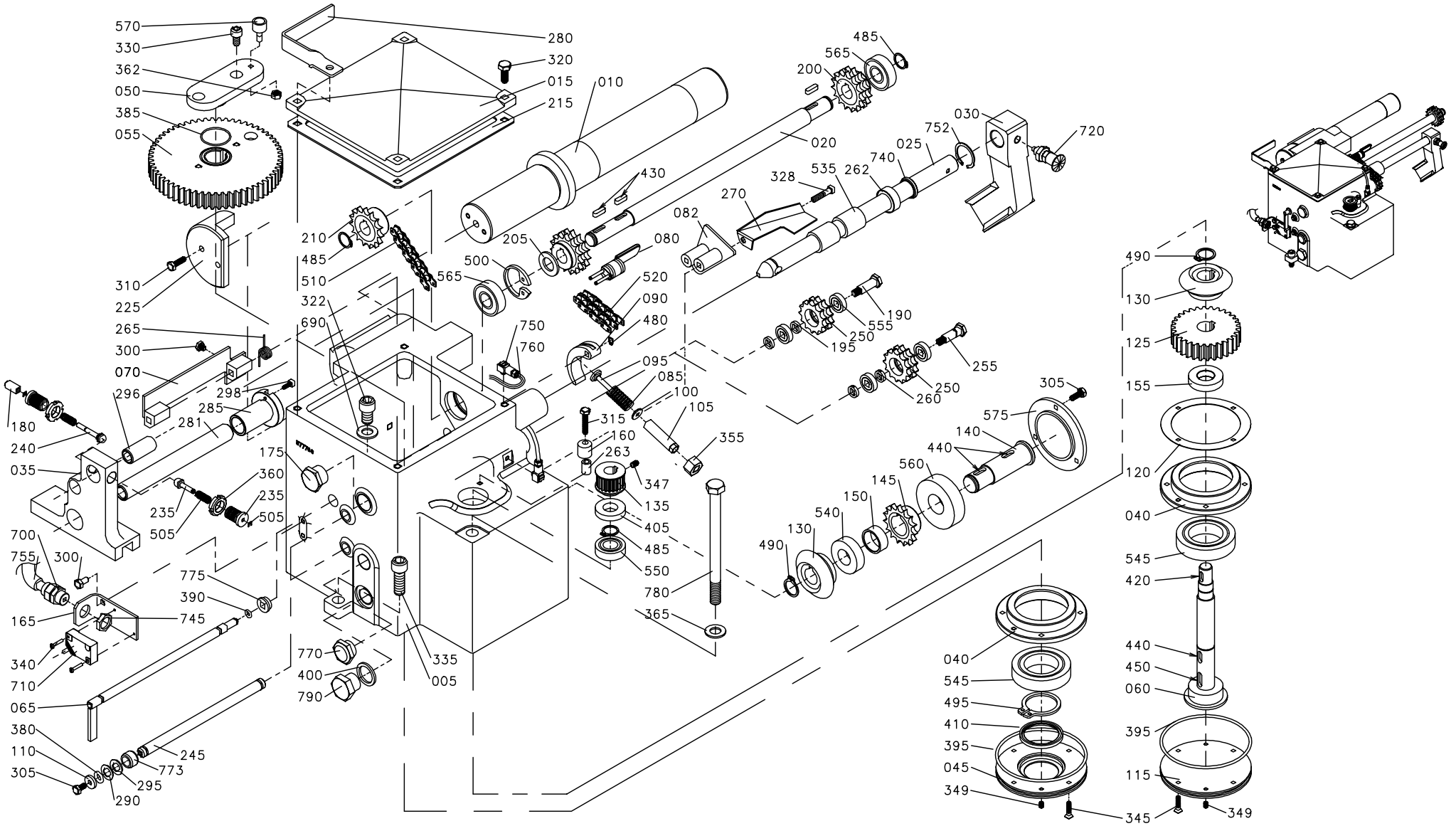
010	979518-0000	-		1	SHEET	
020	456569-0000	-		2	BRACKET	
030	90287-0134	-		4	SCREW, POZIE,RXS B10x13 A4	

Pos	Part No	SP	UN	Qty	Description	Page No

DISCHARGER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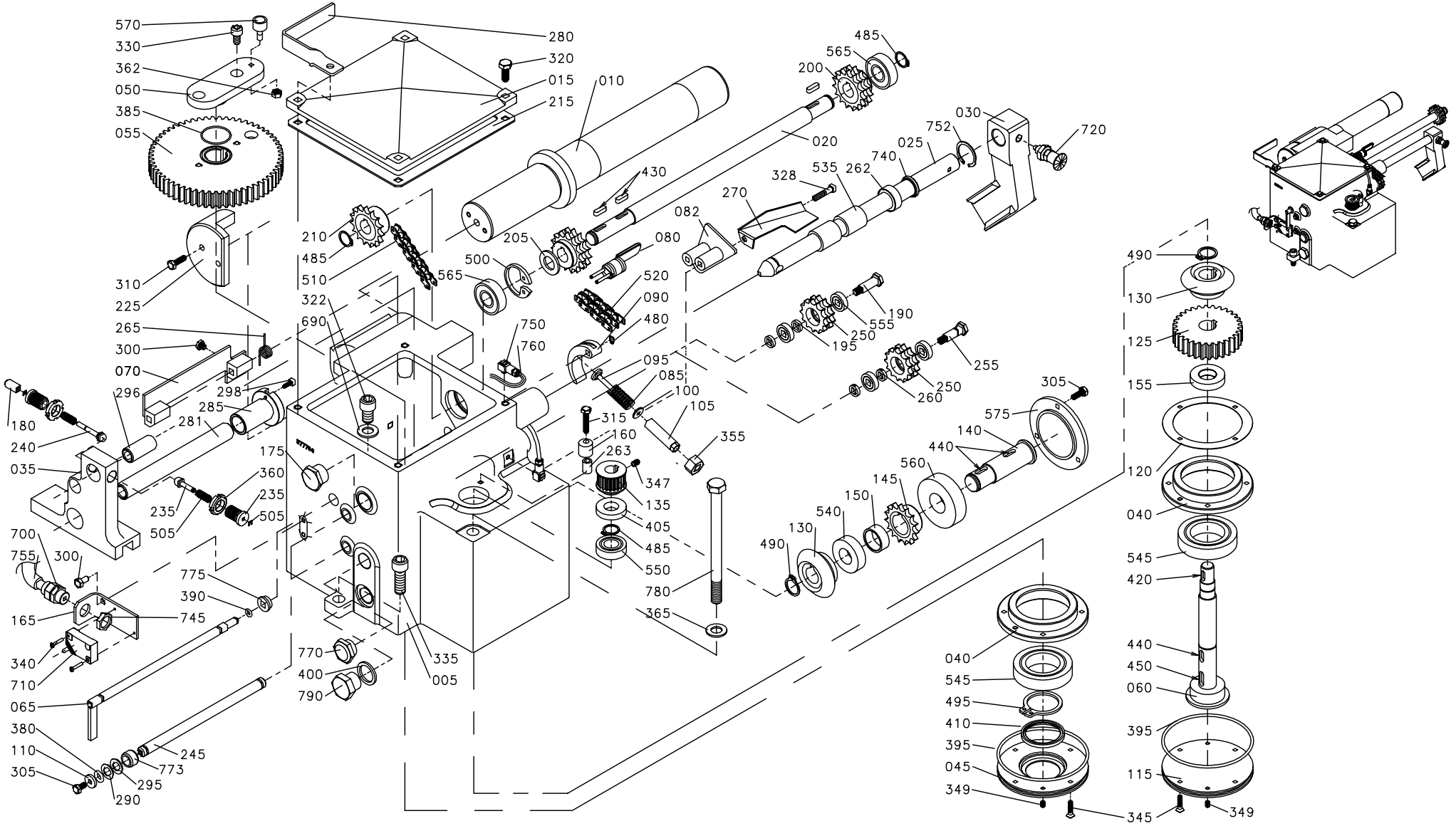
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
010	295313-0000	D		1	SHAFT	
030	979749-0000	M		1	PUSHER	
135	577741-0000	R		1	TOOTHED PULLY	
220	751567-0000	D		1	SPACER RING	
225	578105-0000	-		1	WASHER	
315	312105-0362	-		1	SCREW M6S ISO 4017 M6x8 A280	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
010	295313-0000	D		1	SHAFT	
030	578096-0000	M		1	PUSHER	
135	577741-0000	R		1	TOOTHED PULLY	
220	751567-0000	D		1	SPACER RING	
225	578105-0000	-		1	WASHER	
315	312105-0362	-		1	SCREW M6S ISO 4017 M6x8 A280	
TBA 0200S						
010	295313-0000	D		1	SHAFT	
030	979881-0000	M		1	PUSHER	
135	577741-0000	R		1	TOOTHED PULLY	
220	751567-0000	D		1	SPACER RING	
225	578105-0000	-		1	WASHER	
315	312105-0362	-		1	SCREW M6S ISO 4017 M6x8 A280	
Common parts						
005	577730-0000	-		1	HOUSE	
015	577731-0000	-		1	LID	
020	577764-0000	-		1	SHAFT	
025	578092-0000	D		1	ROD	
035	1350195-0000	-		1	CURVE ARM GUIDE	
040	577732-0000	-		2	SHOULDER RING	
045	577733-0000	-		1	LID	
050	979978-0000	-		1	DRIVE DISC	
055	979979-0000	D		1	GEAR WHEEL	
060	577739-0000	-		1	SHAFT	
065	577750-0000	-		1	SHAFT	
070	577751-0000	-		1	ARM	
080	979304-0000	G		2	CARRIER	
082	979556-0000	-		1	GUARD PLATE	
085	118582-0000	I		1	COMPRESSION SPRING	
090	272546-0000	I		1	SLIDER	
095	272547-0000	M		1	TACK	
100	272549-0000	M		1	WASHER	
105	272550-0000	M		1	ADJUSTING SCREW	
110	440880-0000	-		4	WASHER	
115	577734-0000	-		1	LID	
120	577735-0000	D		1	SHIM	
125	577738-0000	D		1	GEAR WHEEL	
130	577740-0000	D		2	GEAR WHEEL	
140	577742-0000	-		1	SHAFT	
145	577743-0000	M		1	SPROCKET	
150	577744-0000	M		1	SPACER	
155	577745-0000	-		1	SPACER	
165	577752-0000	-		1	SHEET	
170	577754-0000	D		1	BALL PIN	
175	577755-0000	-		1	PLUG	
180	577756-0000	D		1	DOWEL	
190	577758-0000	D		1	AXLE BOLT	
195	577759-0000	D		2	SPACER	
200	577761-0000	M		2	SPROCKET	
205	577762-0000	-		1	SPACER	
210	577763-0000	-		1	SPROCKET	
215	577767-0000	R		1	FLANGE SEAL	
235	979308-0000	-		2	SEAT	
240	979309-0000	D		1	BALL PIN	
245	979312-0000	R		2	SHAFT	
250	979461-0000	M		2	SPROCKET	
255	979462-0000	M		1	AXLE BOLT	
260	979472-0000	R		2	SPACER	
262	979702-0000	R		1	SEAL HOLDER	
265	1036713-0000	R		1	TURN SPRING	
270	1282733-0000	D		1	SHEET	
281	1350196-0000	D		1	SHAFT	
285	1350197-0000	D		1	GUIDE BUSHING	
290	1350198-0000	D		1	SHIM	
295	1350199-0000	D		1	SHIM	
296	1350200-0000	D		1	BUSHING	
298	312115-0287	-		2	SCREW MC6S ISO 4762 M4X8 A280	
300	312105-0362	-		3	SCREW M6S ISO 4017 M6x8 A280	
305	312105-0368	-		7	SCREW M6S ISO 4017 M6x16 A280	
310	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
320	312105-0455	-		4	SCREW M6S ISO 4017 M8x30 A280	
322	312115-0532	-		2	SCREW MC6S ISO 4762 M12X20 A280	
328	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
330	312115-0447	-		2	SCREW MC6S ISO 4762 M8X12 A280	
335	312115-0540	-		2	SCREW MC6S ISO 4762 M12X40 A280	
340	312125-0228	-		2	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
345	312155-0333	-		8	SCREW MF6S DIN 7991 M5X25 A280	

DISCHARGER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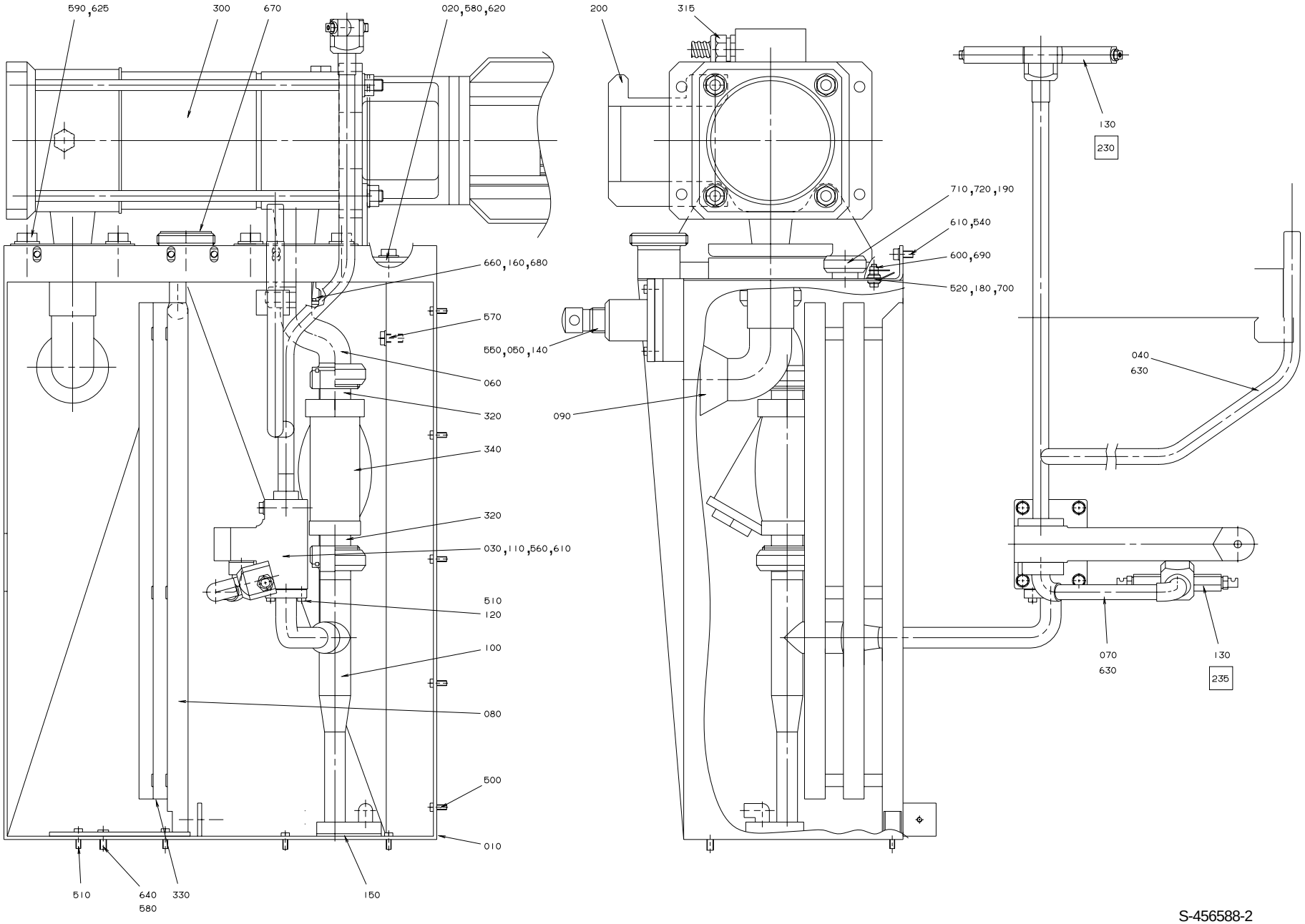
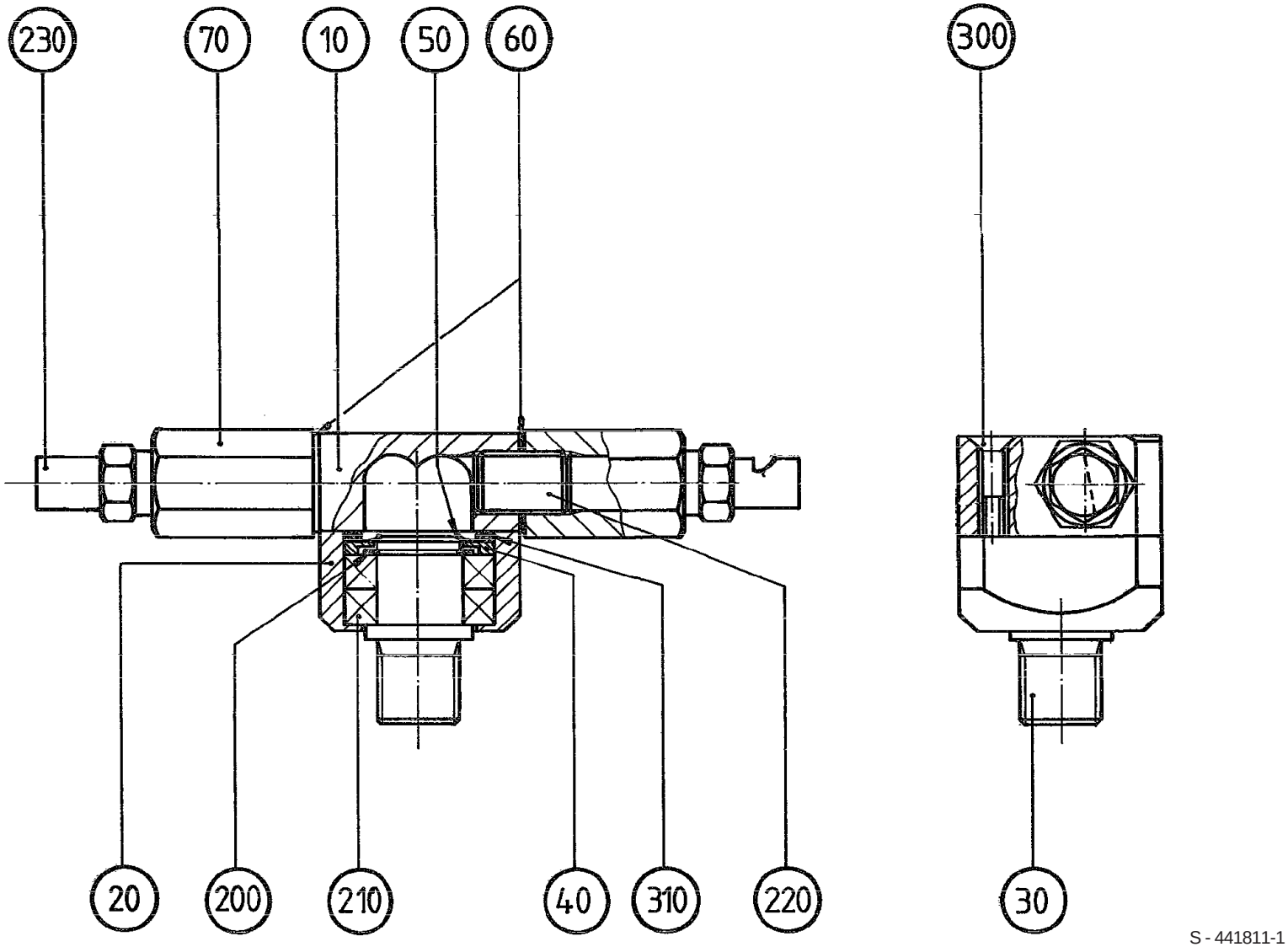
Pos	Part No	SP	UN	Qty	Description	Page No
347	312318-0283	-		1	SET SCREW CUP POINT ISO 4029 M4X4 RFR	
349	312318-0321	-		4	STOP SCREW SK6SS 5x6 A4	
355	312625-0322	-		1	NUTS,HEXAGON,M12	
360	312805-0102	-		2	NUT,ROUND,WITH SLOTS,M15x1	
362	312812-0316	-		1	NUT,HEXAGON,LOCK,WITH NYLON INSERT,M6	
365	315105-0178	-		1	WASHER,PLAIN ROUND 13x24	
380	315202-0107	R		4	O-RING 9,1x1,6	
385	315202-0220	R		1	O-RING 32,2x3	
390	315202-0204	R		2	O-RING 5,3x2,4	
395	315202-0311	R		2	O-RING 99,5x3	
400	315211-0111	R		1	GASKETS,BOLT HEAD G1/2"	
405	315221-0137	-		1	SEALING RINGS,TYPE A 17X35X7	
410	315230-0422	-		1	SEAL RING G40X50X4	
420	315705-0198	-		1	FLAT WEDGE	
430	315705-0201	-		3	KEYS,PARALLEL WITH ROUND ENDS 5X5X20	
440	315705-0230	-		3	KEYS,PARALLEL WITH ROUND ENDS 6X6X16	
450	315705-0232	-		1	KEYS,PARALLEL WITH ROUND ENDS 6X6X20	
480	90141-0015	-		1	RETAINING RINGS FOR SHAFT 8	
485	90141-0017	-		3	RETAINING RINGS FOR SHAFT 17	
490	315751-0116	-		2	RETAINING RINGS FOR SHAFT 20	
495	315751-0127	-		1	RETAINING RINGS FOR SHAFT 40	
500	315753-0127	-		1	RETAINING RINGS FOR HOLE 40	
505	315755-0106	-		2	RETAINING RINGS,RADIAL ASSEMBLY 4	
510	318201-0023	J		1	ROLLER CHAIN SINGLE 3/8"-23	
520	318241-0030	J		1	ROLLER CHAIN DUPLEX 3/8"-30,SS	
535	321116-0307	-		2	BEARING BUSHING WITHOUT FLANGE, 20X26X30	
540	321306-0105	I		1	BALL BEARING 25X47X12	
545	321308-0108	I		2	BEARINGS,BALL BEARING	
550	321308-0203	I		1	BALL BEARING 17X35X10	
555	90214-0167	I		4	BALL BEARING,STAINLESS 10X22X6	
560	321316-0205	I		1	BEARINGS,BALL BEARING SKF6305-2RS	
565	90214-0189	I		2	BEARINGS,BALL BEARING,STAINLESS	
570	321580-0116	I		1	BEARINGS,CAM ROLLER KR16	
575	321601-0118	I		1	OIL SEAL (LL62	
690	90005-0047	-		2	WASHER,COPPER M12x1,5	
700	90012-0077	-		1	GLAND FITTING	
710	90044-0104	J		1	PROX.SWITCH IFM IN 3002	
720	90051-0112	J		1	ADJUSTMENT BOLT	
740	90091-0380	-		1	SCRAPER DEVICE	
745	90099-0104	-		1	NUT PR 15,2 (PG9)	
750	90134-0068	-		2	BANJO CONNECTION	
752	90141-0030	-		1	CIRCLIP	
755	90152-0058	-	MM	500	GLANDS,HOSE 15x9	
760	90166-0109	-	MM	600	TUBE 4 mm PA,Transp.	
770	90199-0022	-		1	LEVEL GLASS	
773	90240-0052	-		2	BEARING BUSHING WITHOUT FLANGE, 12x14x15	
775	90240-0254	-		2	BEARING BUSHING WITH FLANGE, 10/15X7	
780	90287-0125	-		1	SCREW, M6S DIN601, M12x180 A4	
785	90296-0075	-	L	2	OIL 54322-320 Acc to M 1254.322	
790	90330-0037	-		1	PLUG,EXTERNAL G-THREAD G1/2"	
800	979858-0000	D		2	COMPRESSION SPRING	



S-456588-2
ECN 20635

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F230	A 441798-0100	-		1	ROTOR	**408**
F235	A 441811-0100	-		1	ROTOR	**422**
020	979407-0000	-		1	BRACKET	
030	441603-0000	-		1	BRACKET	
040	979479-0000	-		1	PIPE	
050	256640-0000	D		1	HOLDER	
060	979379-0000	-		1	CLEANING PIPE	
070	B 456393-0000	-		1	PIPE	
080	525386-0000	-		1	PROTECTIVE GRATING	
090	295412-0000	-		1	PIPE	
100	456293-0000	-		1	PIPE	
110	456395-0000	D		1	GASKET	
120	456396-0000	D		1	GASKET	
130	456394-0000	D		2	SEALING WASHER	
140	256641-0000	D		1	LEG	
150	295417-0000	D		1	GASKET	
160	271435-0000	-		1	WASHER	
180	295434-0000	D		2	BUSHING	
190	979418-0000	-		1	WASHER	
200	979417-0000	-		1	BRACKET	
310	90005-0067	-		1	WASHER,Bolt head 10x17; H=1,5 M10	
320	90217-0041	-		2	NIPPLE	
330	90261-0033	-		4	PLUG,BLIND PLASTIC FOR M24x2	
340	B 90415-0022	-		1	FILTER	
500	312105-0368	-		7	SCREW M6S ISO 4017 M6x16 A280	
510	312105-0370	-		3	SCREW M6S ISO 4017 M6x20 A280	
520	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A280	
530	312105-0384	-		2	SCREW M6S ISO 4014 M6x70 A280	
540	312105-0449	-		5	SCREW M6S ISO 4017 M8x16 A280	
550	312105-0451	-		4	SCREW M6S ISO 4017 8x20 A280	
560	312105-0464	-		4	SCREW M6S ISO 4014 M8x65 A280	
570	312105-0491	-		1	SCREW M6S ISO 4017 M10X20 A280	
580	312105-0532	-		3	SCREW M6S ISO 4017 M12X20 A280	
590	312105-0628	-		8	SCREW M6S ISO 4017 M16X40 A280	
600	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
610	315105-0165	-		10	WASHER,PLAIN ROUND 8,4x16 Stainless	
620	315105-0178	-		4	WASHER,PLAIN ROUND 13x24	
625	315105-0186	-		8	WASHER,PLAIN ROUND 17x30	
630	315202-0215	-		2	O-RING 19,2x3	
640	315211-0107	-		1	GASKETS,BOLT HEAD M12	
660	315250-0103	-		3	GASKET 48/38	
670	315250-0104	-		1	GASKET 61/51	
680	342803-0103	-		2	NUT 38	
690	353101-0123	-		1	CABLE SHOE 0,5-1,5mm2 Red	
700	353101-0126	-		1	CABLE SHOE	
710	342803-0101	-		1	NUT 25	
720	12242-0001	I		1	GASKET	
730	312105-0455	-		1	SCREW M6S ISO 4017 M8x30 A280	
740	1144196-0000	D		2	GASKET	
750	90012-0148	-		1	Spacer	
TBA 50HZ						
010	979378-0000	-		1	CLEANING BASIN	
300	90321-0112	D		1	PUMP LOWARA SV806R30T 50Hz	
315	90012-0079	-		1	GLAND FITTING	
TBA 60HZ						
010	979378-0000	-		1	CLEANING BASIN	
300	90321-0111	D		1	PUMP LOWARA SV806R406T 60Hz	
315	90012-0072	-		1	GLAND FITTING **	
TPA 50HZ						
010	1255879-0000	-		1	CLEANING BASIN	
300	90321-0112	D		1	PUMP LOWARA SV806R30T 50Hz	
315	90012-0079	-		1	GLAND FITTING	
TPA 60HZ						
010	1255879-0000	-		1	CLEANING BASIN	
300	90321-0111	D		1	PUMP LOWARA SV806R406T 60Hz	
315	90012-0072	-		1	GLAND FITTING **	

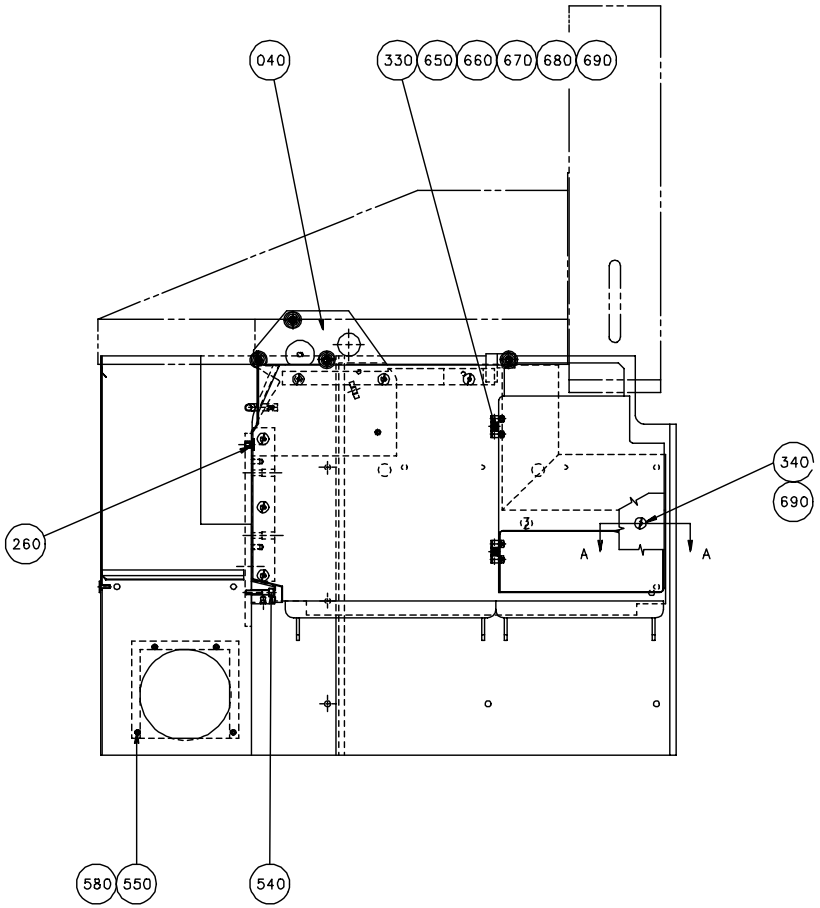


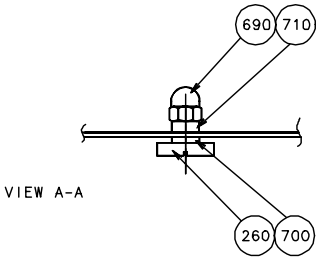
S - 441811-1
ECN 12254

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	441792-0000	D		1	HEAD	
020	441793-0000	D		1	BEARING HOUSING	
030	441794-0000	D		1	PIVOT PIN	
040	441795-0000	D		1	WASHER	
050	441796-0000	F		1	SEAL	
060	441797-0000	R		2	SHIM	
070	441800-0000	R		2	STRAIGHT FITTING	
200	90141-0017	-		1	RETAINING RINGS FOR SHAFT 17	
210	90214-0092	I		2	BALL BEARING,STAINLESS 17X30X7	
220	90330-0101	R		2	NIPPLES,EXT.G-THREAD G1/4"	
230	90424-0025	R		2	NOZZLE	
300	312155-0299	-		2	SCREW MF6S DIN 7991 M4x30 A480	
310	315202-0217	I		1	O-RING 24,2x3	

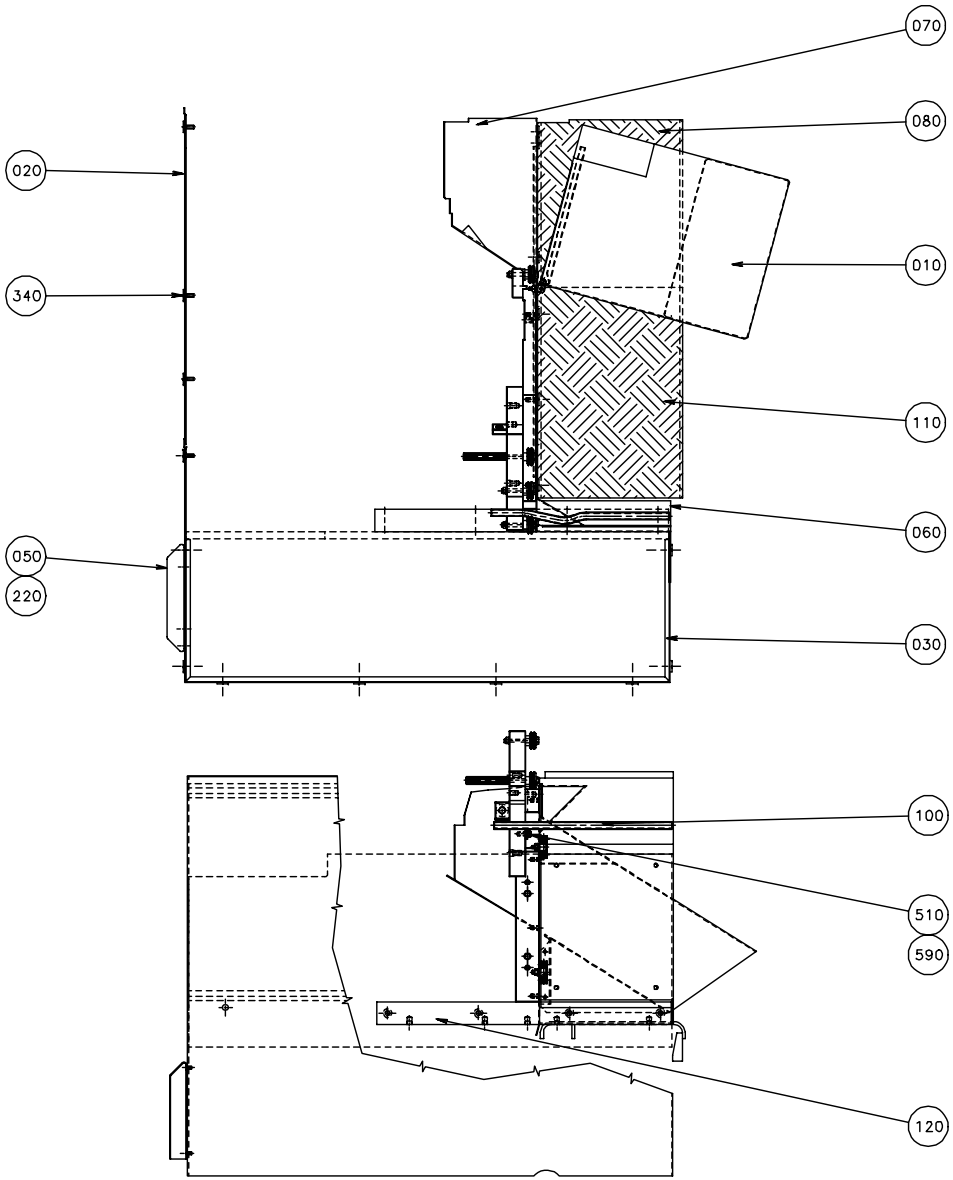
Pos	Part No	SP	UN	Qty	Description	Page No

COVERING PANEL



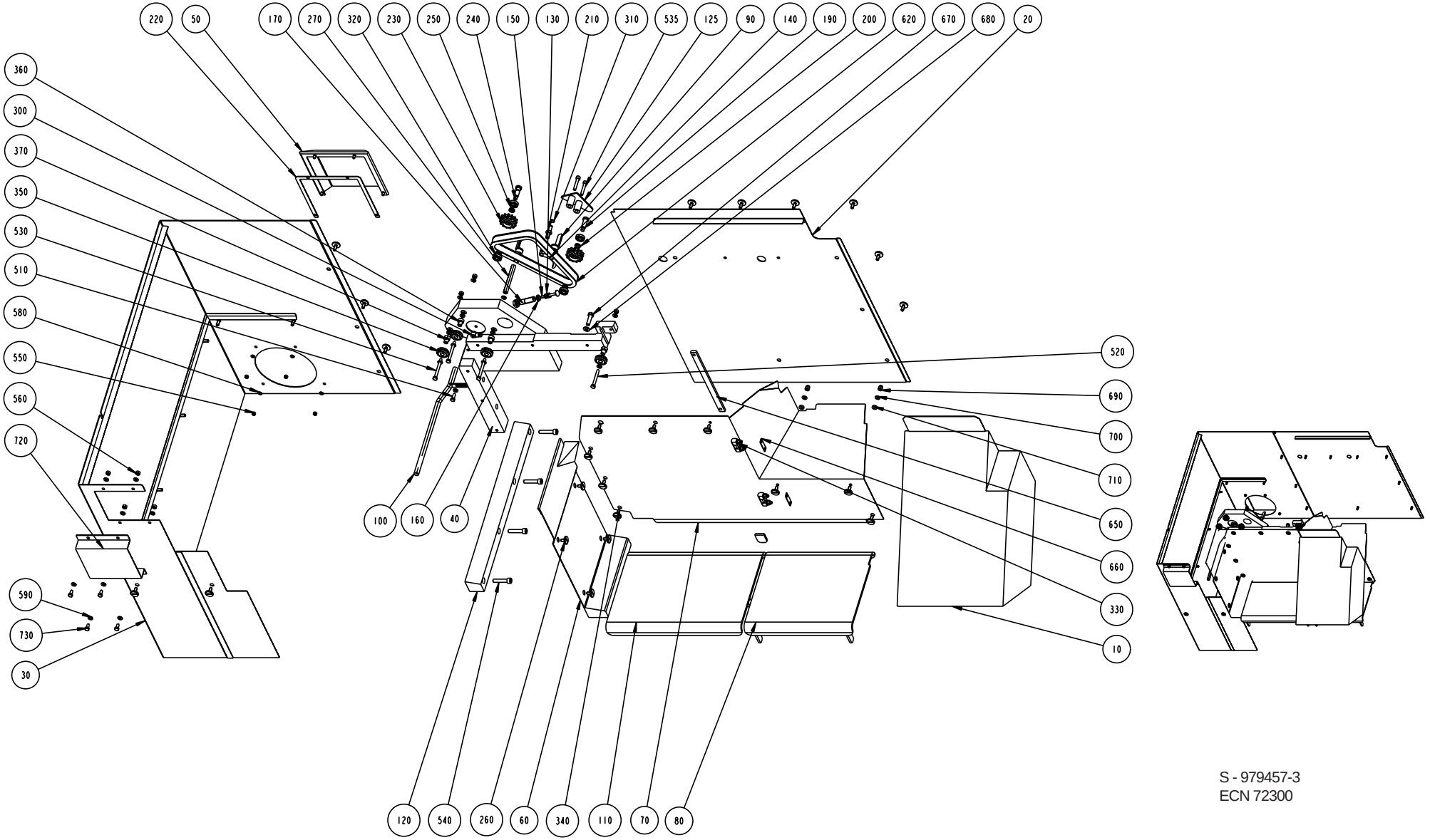


VIEW A-A



Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
030	979413-0000	-		1	FRONT PLATE	
100	979400-0000	-		1	RAIL	
560	312605-0316	-		3	NUT,HEXAGON A280 M6M6	
590	315105-0153	-		15	WASHER,PLAIN ROUND 6,4x12 Stainless	
Common parts						
010	525387-0000	-		1	WASTE CHUTE	
020	979412-0000	-		1	LEFT SIDE PLATE	
040	979435-0000	-		1	SUPPORT	
050	924599-0000	-		1	COVER	
060	979414-0000	-		1	BACK PLATE	
070	1279826-0000	-		1	RIGHT PLATE	
080	525393-0000	-		1	CHECKER PLATE	
090	979304-0000	G		2	CARRIER	
110	979416-0000	-		1	LEFT PLATE	
120	979420-0000	-		1	SUPPORT	
125	979550-0000	-		1	GUARD PLATE	
130	118582-0000	I		1	COMPRESSION SPRING	
140	272546-0000	I		1	SLIDER	
150	272547-0000	M		1	TACK	
160	272549-0000	M		1	WASHER	
170	272550-0000	M		1	ADJUSTING SCREW	
190	577758-0000	D		1	AXLE BOLT	
200	577759-0000	D		3	SPACER	
210	577766-0000	-		1	SHAFT	
220	927069-0000	-		1	GASKET	
230	979461-0000	M		2	SPROCKET	
240	979462-0000	M		1	AXLE BOLT	
250	979472-0000	R		1	SPACER	
260	979707-0000	-		4	SCREW	
270	1349801-0000	D		1	PIN	
300	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
310	90141-0015	-		1	RETAINING RINGS FOR SHAFT 8	
320	90214-0167	I		4	BALL BEARING,STAINLESS 10X22X6	
330	90248-0022	D		2	HINGE	
340	90287-0062	M		29	SCREW	
350	90363-0049	M		4	ROLL	
360	90363-0301	M		2	BUSHING	
370	90363-0302	M		2	BUSHING	
510	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
520	312105-0380	-		1	SCREW M6S ISO 4014 M6x50 A280	
530	312105-0382	-		3	SCREW M6S ISO 4014 M6x60 A280	
535	312115-0376	-		2	SCREW MC6S ISO 4762 M6x35 A280	
540	312115-0459	-		4	SCREW MC6S ISO 4762 M8X40 A280	
550	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
570	312625-0322	-		1	NUTS,HEXAGON,M12	
580	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
620	318241-0030	J		1	ROLLER CHAIN DUPLEX 3/8"-30,SS	
650	525388-0000	-		1	FASTENING IRON	
660	566015-0000	-		2	WASHER	
670	312105-0455	-		1	SCREW M6S ISO 4017 M8x30 A280	
680	315105-0165	-		1	WASHER,PLAIN ROUND 8,4x16 Stainless	
690	312705-0316	-		4	NUT,DOMED CAP,HEXAGON,M6	
700	271586-0001	-		2	WASHER	
710	271586-0002	-		2	WASHER	

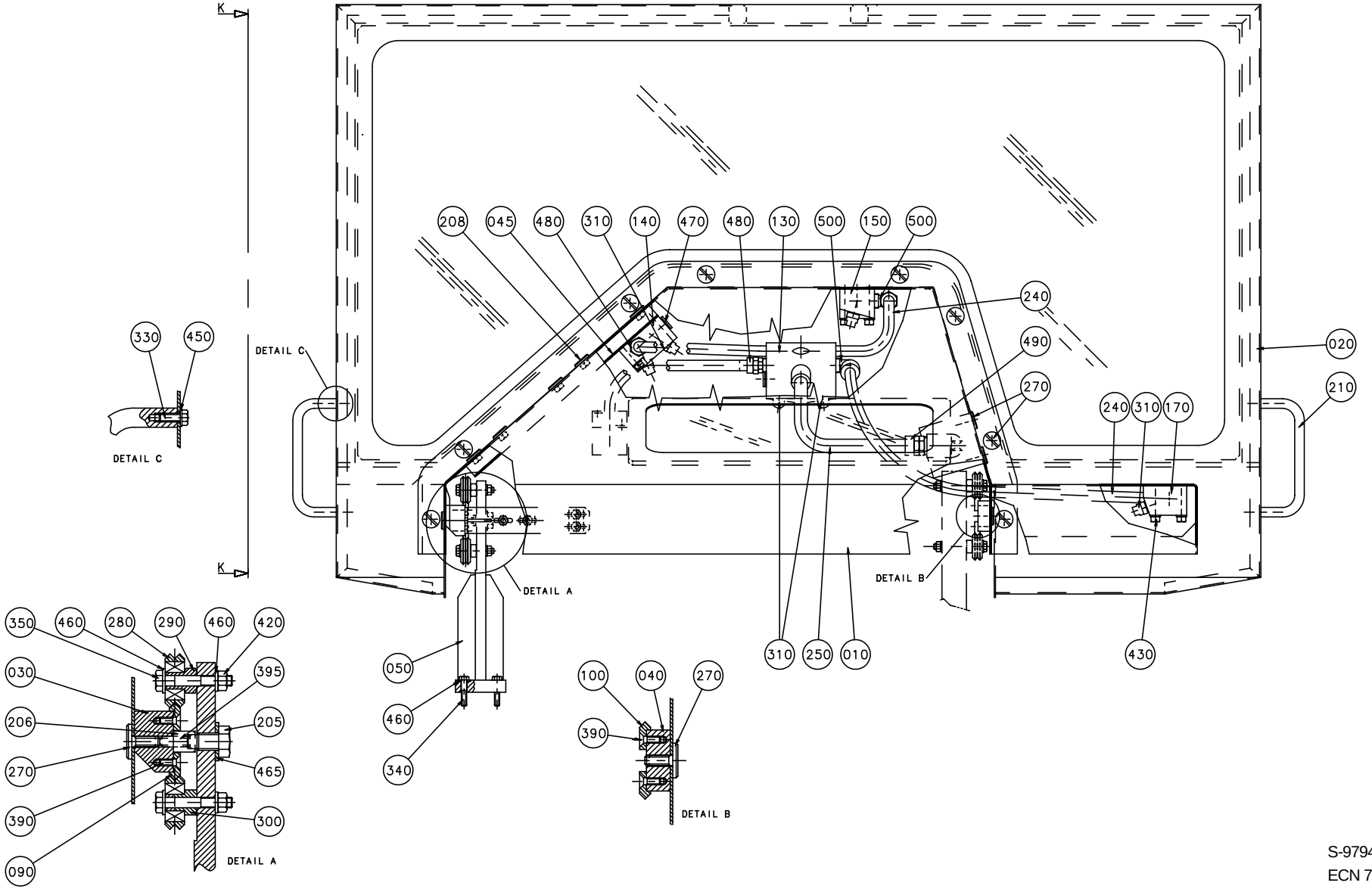
COVERING PANEL



S - 979457-3
ECN 72300

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	525387-0000	-		1	WASTE CHUTE	
020	979412-0000	-		1	LEFT SIDE PLATE	
040	979435-0000	-		1	SUPPORT	
050	924599-0000	-		1	COVER	
060	979414-0000	-		1	BACK PLATE	
070	1279826-0000	-		1	RIGHT PLATE	
080	525393-0000	-		1	CHECKER PLATE	
090	979304-0000	G		2	CARRIER	
110	979416-0000	-		1	LEFT PLATE	
120	979420-0000	-		1	SUPPORT	
125	979550-0000	-		1	GUARD PLATE	
130	118582-0000	I		1	COMPRESSION SPRING	
140	272546-0000	I		1	SLIDER	
150	272547-0000	M		1	TACK	
160	272549-0000	M		1	WASHER	
170	272550-0000	M		1	ADJUSTING SCREW	
190	577758-0000	D		1	AXLE BOLT	
200	577759-0000	D		3	SPACER	
210	577766-0000	-		1	SHAFT	
220	927069-0000	-		1	GASKET	
230	979461-0000	M		2	SPROCKET	
240	979462-0000	M		1	AXLE BOLT	
250	979472-0000	R		1	SPACER	
260	979707-0000	-		4	SCREW	
270	1349801-0000	D		1	PIN	
300	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
310	90141-0015	-		1	RETAINING RINGS FOR SHAFT 8	
320	90214-0167	I		4	BALL BEARING,STAINLESS 10X22X6	
330	90248-0022	D		2	HINGE	
340	90287-0062	M		29	SCREW	
350	90363-0049	M		4	ROLL	
360	90363-0301	M		2	BUSHING	
370	90363-0302	M		2	BUSHING	
510	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
520	312105-0380	-		1	SCREW M6S ISO 4014 M6x50 A280	
530	312105-0382	-		3	SCREW M6S ISO 4014 M6x60 A280	
535	312115-0376	-		2	SCREW MC6S ISO 4762 M6x35 A280	
540	312115-0459	-		4	SCREW MC6S ISO 4762 M8X40 A280	
550	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
570	312625-0322	-		1	NUTS,HEXAGON,M12	
580	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
620	318241-0030	J		1	ROLLER CHAIN DUPLEX 3/8"-30,SS	
650	525388-0000	-		1	FASTENING IRON	
660	566015-0000	-		2	WASHER	
670	312105-0455	-		1	SCREW M6S ISO 4017 M8x30 A280	
680	315105-0165	-		1	WASHER,PLAIN ROUND 8,4x16 Stainless	
690	312705-0316	-		4	NUT,DOMED CAP,HEXAGON,M6	
700	271586-0001	-		2	WASHER	
710	271586-0002	-		2	WASHER	

PROTECTIVE COVER

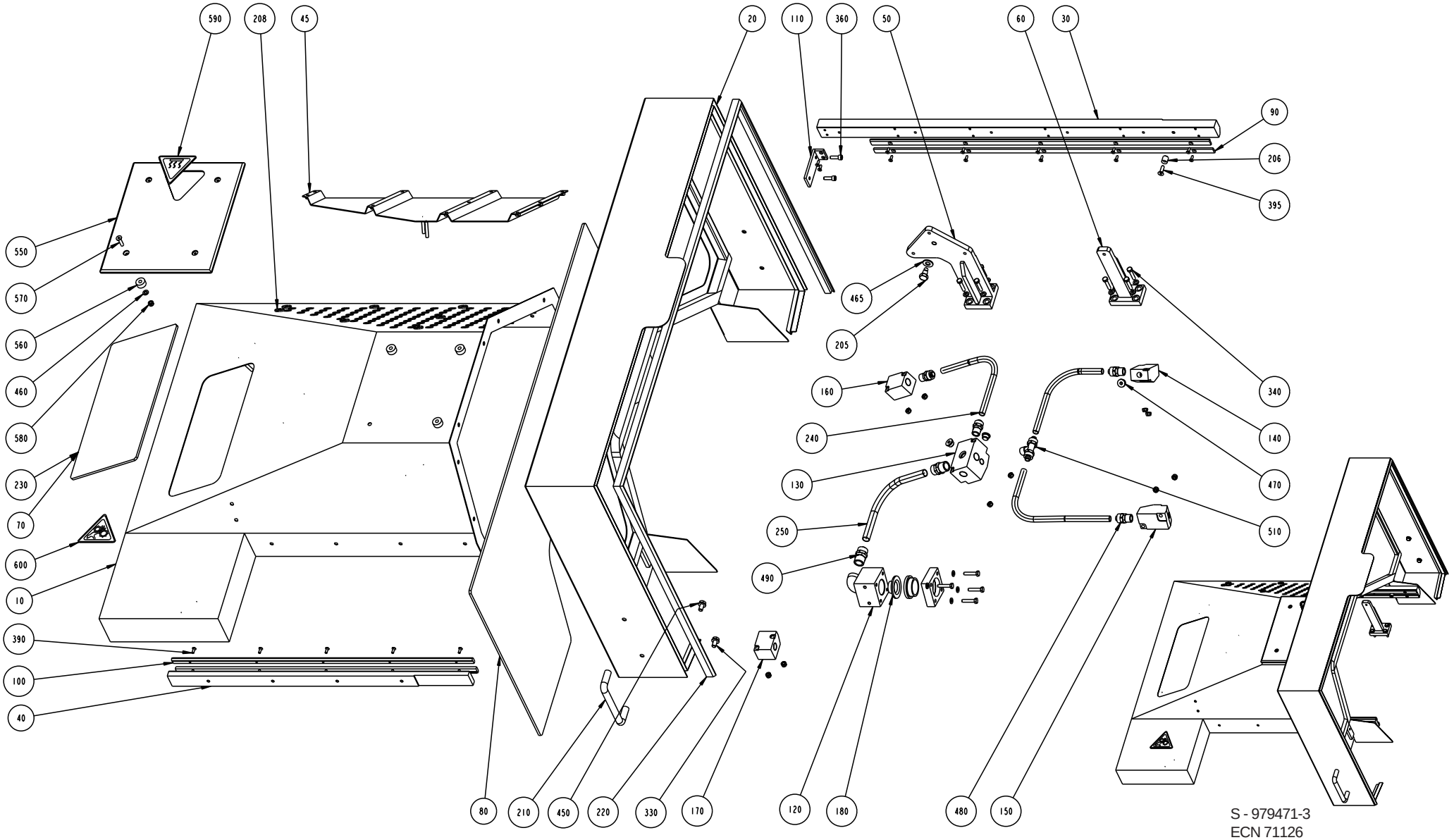


S-979471-1
ECN 70752

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
010	979272-0000	-		1	COVER	
045	979720-0000	-		1	EDGE PLATE	
150	979493-0000	-		1	BLOCK	
430	312811-0316	-		10	LOCK NUT M6RFR	
460	315105-0153	-		30	WASHER,PLAIN ROUND 6,4x12 Stainless	
480	342920-0141	-		3	STRAIGHT COUPL.,EXT.THREADED 12/10-R3/8"	
500	342930-0141	-		3	ELBOW 90 COUPL.,EXT.THREAD 12/10XR3/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

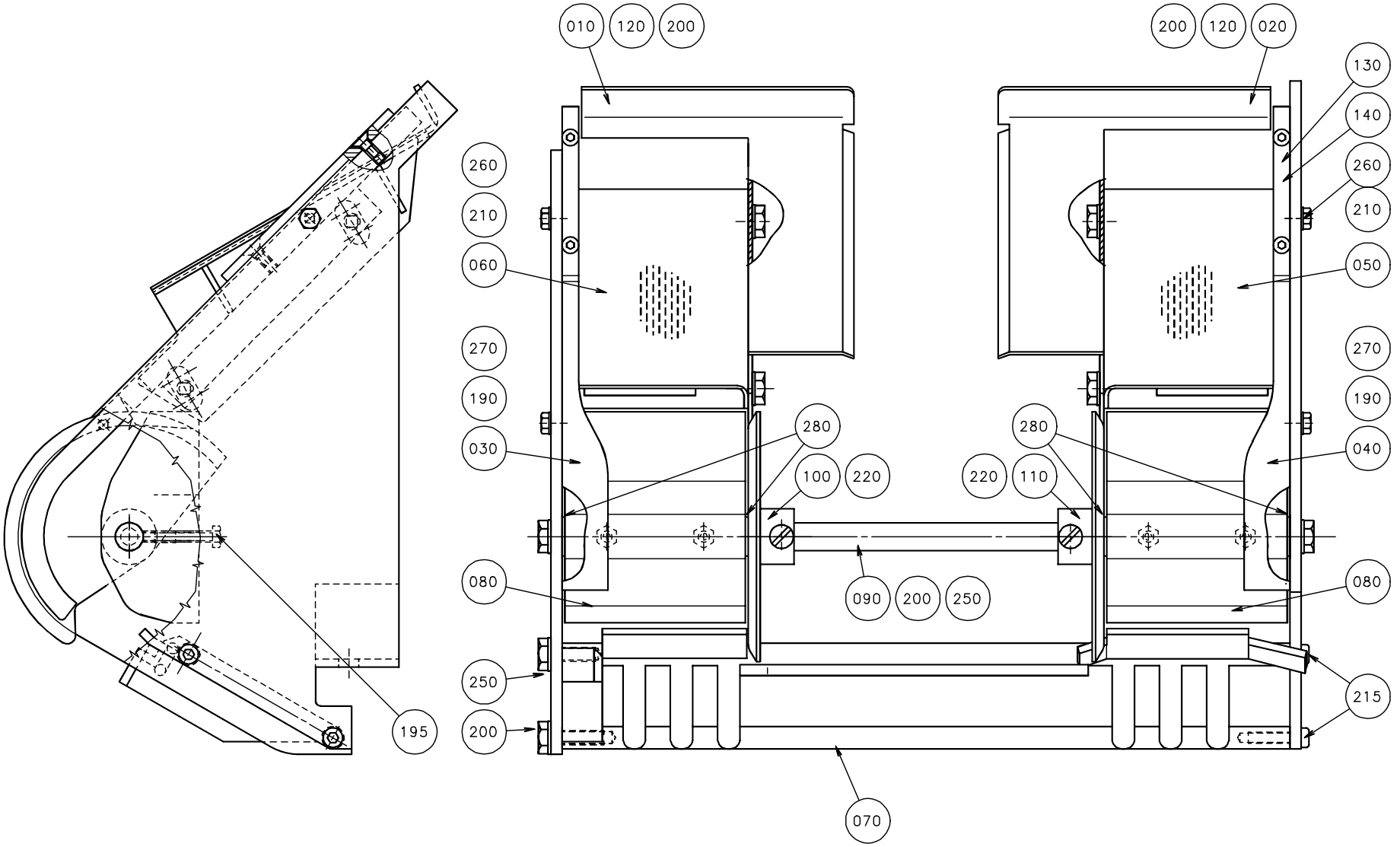
PROTECTIVE COVER



S - 979471-3
ECN 71126

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	979302-0000	-		1	COVER	
030	979396-0000	-		1	GUIDE HOLDER	
040	979397-0000	-		1	GUIDE HOLDER	
050	979269-0000	-		1	BRACKET	
060	979270-0000	-		1	BRACKET	
070	979310-0000	-		1	GLASS	
080	979311-0000	-		1	GLASS	
090	979455-0000	R		2	RULING GUIDE	
100	979477-0000	-		2	RULING GUIDE	
110	1285030-0000	M		1	SWITCH BRACKET	
120	979487-0000	-		1	MOUNTING PLATE	
130	979490-0000	-		1	DISTRIBUTOR BLOCK	
140	979491-0000	-		1	BLOCK	
160	979494-0000	-		1	BLOCK	
170	979495-0000	-		1	BLOCK	
180	295423-0000	R		1	SEAL	
200	1296765-0000	-		1	PLATE	
205	979514-0000	-		1	STOP SCREW	
206	979515-0000	-		1	LOCK COMPONENT	
208	979707-0000	-		10	SCREW	
210	90017-0016	-		2	HANDLE,STAINLESS	
220	90143-0049	D	MM	2600	RUBBERSTRIP 11X21MM	
230	90157-0041	-	L	x	SEALING COMPOUND	
240	90166-0153	-	MM	1800	TUBE 12 mm PA Black	
250	90166-0234	-	MM	300	HOSE	
270	90287-0062	M		19	SCREW	
280	90363-0049	M		4	ROLL	
290	90363-0301	M		2	BUSHING	
300	90363-0302	M		2	BUSHING	
310	90424-0070	-		9	SPREADER NOZZLE	
330	312105-0449	-		4	SCREW M6S ISO 4017 M8x16 A280	
340	312105-0374	-		12	SCREW M6S ISO 4017 M6X30 A280	
350	312105-0378	-		4	SCREW ISO 4017 M6x40 A280	
360	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
380	312145-0291	-		4	SLOTTED HEAD SCREW MFS 4x12 A4	
390	312155-0291	-		22	SCREW MF6S DIN 7991 M4x12 A480	
395	312155-0370	-		1	SCREW MF6S DIN 7991 M6X20 A280	
410	312605-0312	-		4	NUT,HEXAGON,M4 RFR	
420	312605-0316	-		4	NUT,HEXAGON A280 M6M6	
450	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
465	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
470	342713-0210	-		3	PLUG,EXT.THREAD,HEXAGON SOCKET 1/4"Brass	
490	342920-0151	-		2	STRAIGHT COUPL.,EXT.THREAD.15/12,5-R1/2"	
510	342940-0141	-		1	T-COUPLING,EXT.THREAD 12/10-R3/8"	
600	359705-0001	-		1	WARNING SIGN "ENTANGLEMENT"	

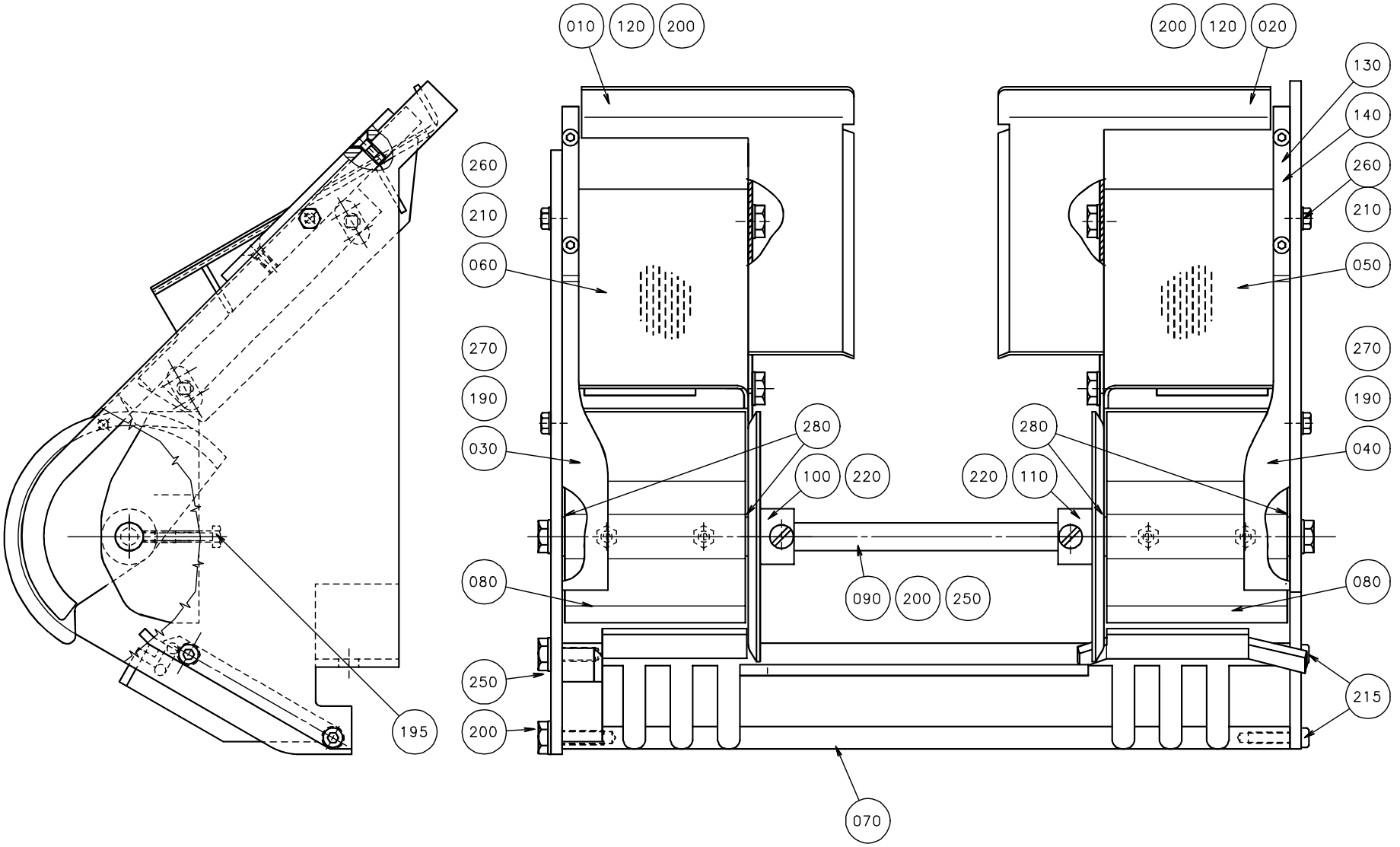
DISCHARGE CHUTE



Pos	Part No	SP	UN	Qty	Description	Page No
0100B						
010	1296894-0001	-		1	HEAD PLATE	
020	1296893-0001	-		1	HEAD PLATE	
030	1296317-0000	-		1	EDGE RAIL	
040	1296318-0000	-		1	EDGE RAIL	
070	1296314-0000	-		1	GUIDE STEERING	
080	1317510-0000	-		2	BLOCK	
100	1296896-0000	-		1	SIDE PLATE	
110	1296897-0000	-		1	SIDE PLATE	
130	1317513-0000	-		2	SPACER	
140	312155-0291	-		4	SCREW MF6S DIN 7991 M4x12 A480	
195	312115-0297	-		4	SCREW MC6S ISO 4762 M4X25 A280	
200	312105-0327	-		8	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
0125S						
010	1296894-0001	-		1	HEAD PLATE	
020	1296893-0001	-		1	HEAD PLATE	
030	1296317-0000	-		1	EDGE RAIL	
040	1296318-0000	-		1	EDGE RAIL	
070	1296895-0000	-		1	GUIDE STEERING	
080	1317510-0000	-		2	BLOCK	
100	1296896-0000	-		1	SIDE PLATE	
110	1296897-0000	-		1	SIDE PLATE	
130	1317513-0000	-		2	SPACER	
140	312155-0291	-		4	SCREW MF6S DIN 7991 M4x12 A480	
195	312115-0297	-		4	SCREW MC6S ISO 4762 M4X25 A280	
200	312105-0327	-		8	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
0160S						
010	1296894-0001	-		1	HEAD PLATE	
020	1296893-0001	-		1	HEAD PLATE	
030	1285982-0000	-		1	EDGE RAIL	
040	1285981-0000	-		1	EDGE RAIL	
070	1296889-0000	-		1	GUIDE STEERING	
080	1317510-0000	-		2	BLOCK	
100	577447-0000	-		1	SIDE PLATE	
110	577448-0000	-		1	SIDE PLATE	
130	1317513-0000	-		2	SPACER	
140	312155-0291	-		4	SCREW MF6S DIN 7991 M4x12 A480	
195	312115-0297	-		4	SCREW MC6S ISO 4762 M4X25 A280	
200	312105-0327	-		8	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No
0200S						
010	1296894-0001	-		1	HEAD PLATE	
020	1296893-0001	-		1	HEAD PLATE	
030	1285982-0000	-		1	EDGE RAIL	
040	1285981-0000	-		1	EDGE RAIL	
070	1296890-0000	-		1	GUIDE STEERING	
080	1317510-0000	-		2	BLOCK	
100	577447-0000	-		1	SIDE PLATE	
110	577448-0000	-		1	SIDE PLATE	
130	1317513-0000	-		2	SPACER	
140	312155-0291	-		4	SCREW MF6S DIN 7991 M4x12 A480	
195	312115-0297	-		4	SCREW MC6S ISO 4762 M4X25 A280	
200	312105-0327	-		8	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
0250S						
010	1296894-0002	-		1	HEAD PLATE	
020	1296893-0002	-		1	HEAD PLATE	
030	979711-0000	-		1	EDGE RAIL	
040	979712-0000	-		1	EDGE RAIL	
070	1296891-0000	-		1	GUIDE STEERING	
080	1317510-0000	-		2	BLOCK	
100	577447-0000	-		1	SIDE PLATE	
110	577448-0000	-		1	SIDE PLATE	
195	312115-0297	-		4	SCREW MC6S ISO 4762 M4X25 A280	
200	312105-0327	-		8	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
0200M						
010	1296894-0002	-		1	HEAD PLATE	
020	1296893-0002	-		1	HEAD PLATE	
030	1349793-0000	-		1	EDGE RAIL	
040	1349792-0000	-		1	EDGE RAIL	
070	1317514-0000	-		1	GUIDE STEERING	
080	1317510-0000	-		2	BLOCK	
100	577447-0000	-		1	SIDE PLATE	
110	577448-0000	-		1	SIDE PLATE	
195	312115-0297	-		4	SCREW MC6S ISO 4762 M4X25 A280	
200	312105-0327	-		8	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
Common parts						
050	577442-0000	-		1	SIDE PLATE	
060	577443-0000	-		1	SIDE PLATE	
090	577445-0000	-		1	SHAFT	

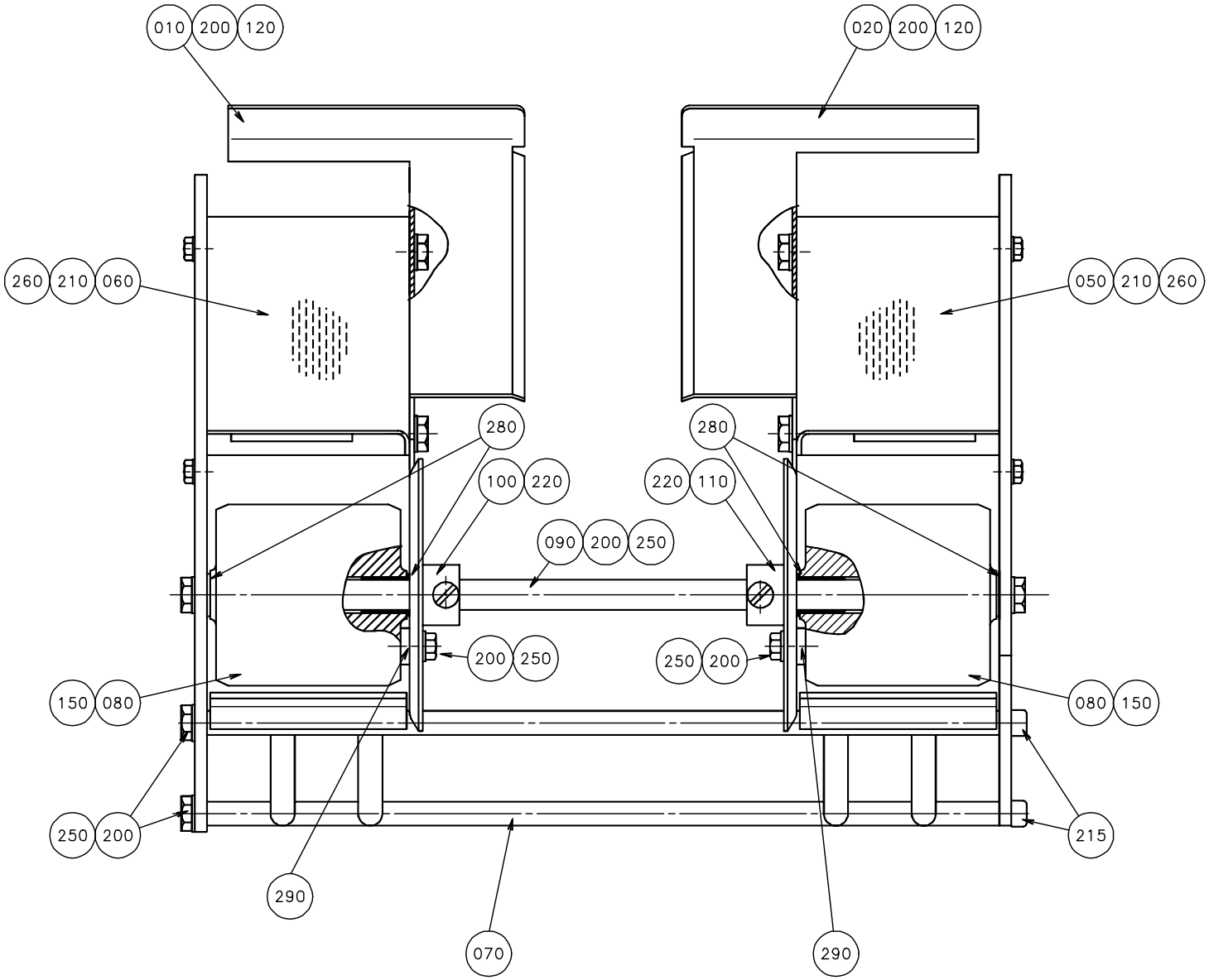
DISCHARGE CHUTE



Pos	Part No	SP	UN	Qty	Description	Page No
120	27815-0000	-		4	WASHER	
190	312105-0287	-		4	SCREW M6S ISO 4017 M4x8 A280	
210	312105-0367	-		2	SCREW M6S 6x14 A2 80	
215	312115-0291	-		2	SCREW MC6S ISO 4762 M4x12 A280	
220	312125-0323	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
260	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
270	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
280	315234-0109	-		4	PLAIN ROUND,COPPER R1/8",M10	

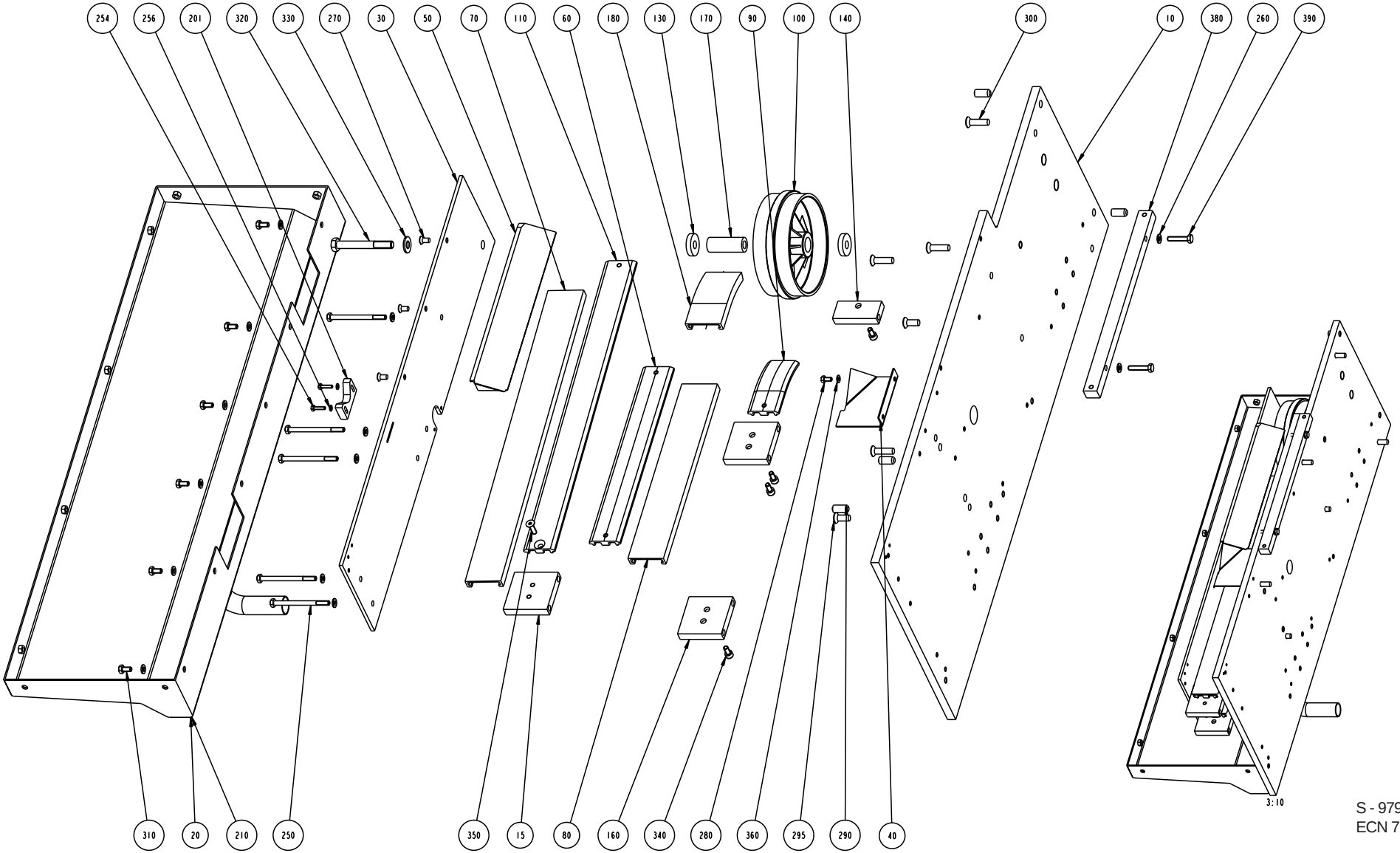
Pos	Part No	SP	UN	Qty	Description	Page No

DISCHARGE CHUTE



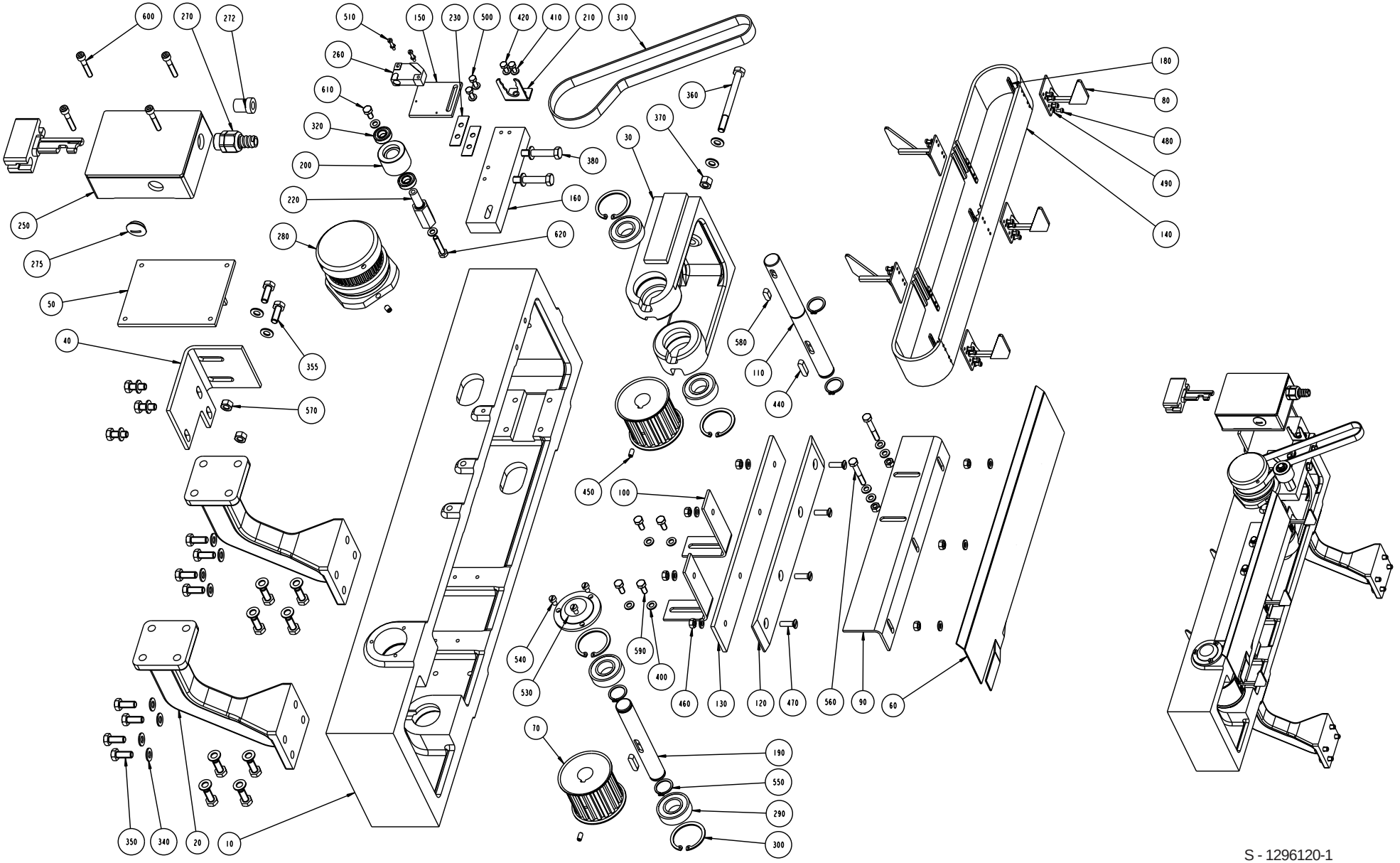
Pos	Part No	SP	UN	Qty	Description	Page No
0180B or 0200B or 0236B or 0250B or 0284B or 0300S						
010	1296894-0003	-		1	HEAD PLATE	
020	1296893-0003	-		1	HEAD PLATE	
070	577446-0000	-		1	GUIDE STEERING	
080	577444-0000	-		2	ROLLER	
100	577447-0000	-		1	SIDE PLATE	
110	577448-0000	-		1	SIDE PLATE	
150	90240-0028	-		4	BEARING BUSHING WITHOUT FLANGE,10/12X15	
200	312105-0327	-		8	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
0330S						
010	1296894-0003	-		1	HEAD PLATE	
020	1296893-0003	-		1	HEAD PLATE	
070	577446-0000	-		1	GUIDE STEERING	
080	577444-0000	-		2	ROLLER	
100	577447-0000	-		1	SIDE PLATE	
110	577448-0000	-		1	SIDE PLATE	
150	90240-0028	-		4	BEARING BUSHING WITHOUT FLANGE,10/12X15	
200	312105-0327	-		10	SCREW M6S ISO 4017 M5X12 A280	
250	315105-0146	-		6	WASHER,PLAIN ROUND 5,3x10 Stainless	
290	315115-0153	-		2	WASHER TBRB 6,4x12 Stainless	
Common parts						
050	577442-0000	-		1	SIDE PLATE	
060	577443-0000	-		1	SIDE PLATE	
090	577445-0000	-		1	SHAFT	
120	27815-0000	-		4	WASHER	
190	312105-0287	-		4	SCREW M6S ISO 4017 M4x8 A280	
210	312105-0367	-		2	SCREW M6S 6x14 A2 80	
215	312115-0291	-		2	SCREW MC6S ISO 4762 M4x12 A280	
220	312125-0323	-		2	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
260	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
270	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
280	315234-0109	-		4	PLAIN ROUND,COPPER R1/8",M10	

Pos	Part No	SP	UN	Qty	Description	Page No



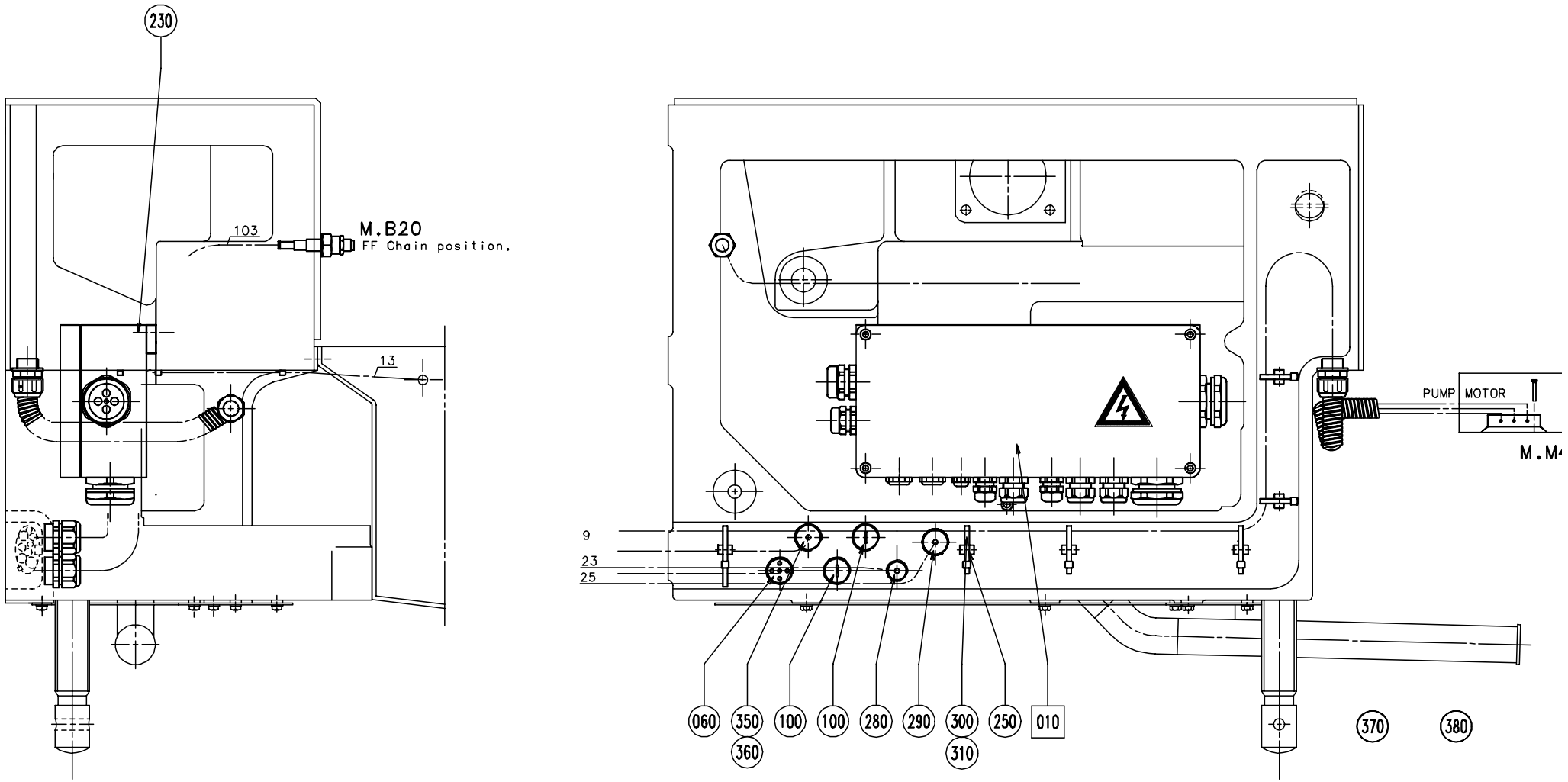
S - 979404-2
ECN 71126

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
050	979263-0000	D		1	SLIDE RAIL	
120	979930-0000	D		1	RAIL	
195	979718-0000	-		2	PACKAGE GUIDE	
260	315105-0153	-		11	WASHER,PLAIN ROUND 6,4x12 Stainless	
280	312105-0325	-		2	SCREW M6S 5x10 A2 80	
335	312115-0285	-		4	SCREW S 4X6 A4 80	
360	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
050	979263-0000	D		1	SLIDE RAIL	
120	979399-0000	D		1	RAIL	
195	979718-0000	-		2	PACKAGE GUIDE	
260	315105-0153	-		11	WASHER,PLAIN ROUND 6,4x12 Stainless	
280	312105-0325	-		2	SCREW M6S 5x10 A2 80	
335	312115-0285	-		4	SCREW S 4X6 A4 80	
360	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
Common parts						
010	577434-0000	-		1	PLATE	
020	979411-0000	-		1	PROTECTIVE COVER	
030	979261-0000	-		1	PLATE	
040	979262-0000	-		1	PLATE	
060	228848-0004	-		1	CARRYING BAR	
070	228850-0001	D		1	SLIDE RAIL	
080	228850-0006	D		1	SLIDE RAIL	
090	239399-0000	D		1	CARRYING BAR	
100	245039-0000	R		1	GUIDE WHEEL	
110	979307-0000	-		1	SUPPORT	
130	229201-0001	-		2	SPACER	
140	228844-0000	D		1	MOUNTING BLOCK	
150	228845-0000	D		1	MOUNTING BLOCK	
160	229202-0000	D		2	MOUNTING BLOCK	
170	229207-0000	M		1	BEARING SLEEVE	
180	239403-0000	D		1	SLIDE RAIL	
201	979529-0000	-		1	TUBE SUPPORT	
202	90012-0077	-		2	GLAND FITTING	
204	90012-0078	-		1	GLAND FITTING	
206	90152-0058	-	MM	800	GLANDS,HOSE 15x9	
208	90152-0059	-	MM	870	HOSE 18x12	
210	90157-0022	-	KG	x	SEALING COMPOUND	
250	312105-0386	-		5	SCREW M6S ISO 4014 M6x80 A280	
254	312105-0293	-		2	SCREW M6S ISO 4017 M4X16 A280	
256	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
270	312145-0366	-		3	SLOTTED HEMFS6X12RFR	
290	311103-0455	-		4	CYLINDRICACP M6 10X22 RFR	
295	312145-0451	-		2	SLOTTED HEMFS8X20RFR	
300	312145-0455	-		4	SLOTTED HEMFS8X30RFR	
310	312105-0366	-		6	SCREW M6S ISO 4017 M6x12 A280	
320	312105-0507	-		1	SCREW M6S ISO 4014 M10X80 A280	
330	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
340	312115-0366	-		4	SCREW MC6S ISO 4762 M6X12 A280	
350	312155-0370	-		1	SCREW MF6S DIN 7991 M6X20 A280	
370	352113-0103	-		1	CLIP-STRIP,Black 290x7,6mm	



S - 1296120-1
ECN 71717

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	979112-0000	-		1	BRACKET	
020	979110-0000	-		2	LEG	
030	979111-0000	-		1	BELT TIGHTENER	
040	1296009-0000	D		1	BRACKET	
050	1296010-0000	D		1	BRACKET	
070	577432-0000	D		2	TOOTHED PULLEY	
090	577436-0000	-		1	HOLDER	
100	577437-0000	-		2	BRACKET	
110	577439-0000	-		1	SHAFT	
120	978631-0000	-		1	SLIDING STRIP	
130	978636-0000	-		1	RIM	
140	90417-0332	-		1	TIMING BELT	
150	1346599-0000	-		1	BRACKET	
160	1346600-0000	-		1	PLATE	
180	297495-0001	-		5	WEDGE	
190	577440-0000	-		1	SHAFT	
200	577747-0000	-		1	ROLL	
210	977527-0000	-		1	BRACKET	
220	1334973-0000	-		1	AXLE PIN	
230	1346598-0000	-		5	SPACER	
250	90044-0182	-		1	Safety Switch	
260	90044-0104	-		1	PROX.SWITCH IFM IN 3002	
270	353242-0001	-		1	GLANDS,HOSE,NORMAL,WITHOUT INSERT PG13,5	
272	353249-0065	-		1	GLAND,INSERT,SINGLE HOLE,NORMAL 6,5-9,5	
275	90002-0016	-		1	BLANK-OFF PLUG 20.4	
280	90355-0189	-		1	Clutch	
290	90214-0095	-		4	BEARINGS,BALL BEARING,STAINLESS	
300	90141-0020	-		4	RETAINING RINGS FOR HOLE 42	
310	90417-0082	D		1	TIMING BELT T5X610X16	
320	90214-0167	-		2	BALL BEARING,STAINLESS 10X22X6	
340	315105-0165	-		25	WASHER,PLAIN ROUND 8,4x16 Stainless	
350	312105-0451	-		19	SCREW M6S ISO 4017 8x20 A280	
355	312105-0452	-		2	SCREW M6S 8x22 Stainless	
360	312105-0469	-		1	SCREW M6S ISO 4014 M8x90 A280	
370	312811-0318	-		1	LOCK NUT M8RFR	
380	312105-0462	-		2	SCREW M6S ISO 4014 M8x55 A280	
400	315105-0153	-		17	WASHER,PLAIN ROUND 6,4x12 Stainless	
410	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
420	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A280	
440	315705-0234	-		2	KEYS,PARALLEL WITH ROUND ENDS 6X6X25	
450	312318-0325	-		2	STOP SCREW SK6SS5X10RFR	
460	312605-0316	-		9	NUT,HEXAGON A280 M6M6	
470	312145-0370	-		4	SLOTTED HEMFS6X20RFR	
480	312125-0220	-		20	SLOTTED HEMCS3X6RFR	
490	315105-0124	-		22	WASHER,PLAIN ROUND 3,2x6	
500	312105-0329	-		2	SCREW M6S ISO 4017 M5x16 A280	
510	312125-0228	-		2	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
530	321601-0106	-		1	OIL SEAL (LL42	
540	312125-0323	-		3	SLOTTED CHEESE HEAD ISO 1207 M5X8 RFR	
550	315751-0116	-		4	RETAINING RINGS FOR SHAFT 20	
560	312105-0378	-		2	SCREW ISO 4017 M6x40 A280	
570	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
580	315705-0230	-		1	KEYS,PARALLEL WITH ROUND ENDS 6X6X16	
590	312105-0367	-		4	SCREW M6S 6x14 A2 80	
600	312115-0376	-		4	SCREW MC6S ISO 4762 M6x35 A280	
610	312105-0366	-		1	SCREW M6S ISO 4017 M6x12 A280	
620	312109-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
TBA 0100B or TBA 0125S						
060	979306-0000	-		1	GUIDE PLATE	
080	979929-0000	-		5	FEEDER	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S						
060	1296888-0000	-		1	GUIDE PLATE	
080	577433-0000	W		5	FEEDER	
TBA 0330S						
060	1348289-0000	-		1	GUIDE PLATE	
080	577433-0000	W		5	FEEDER	

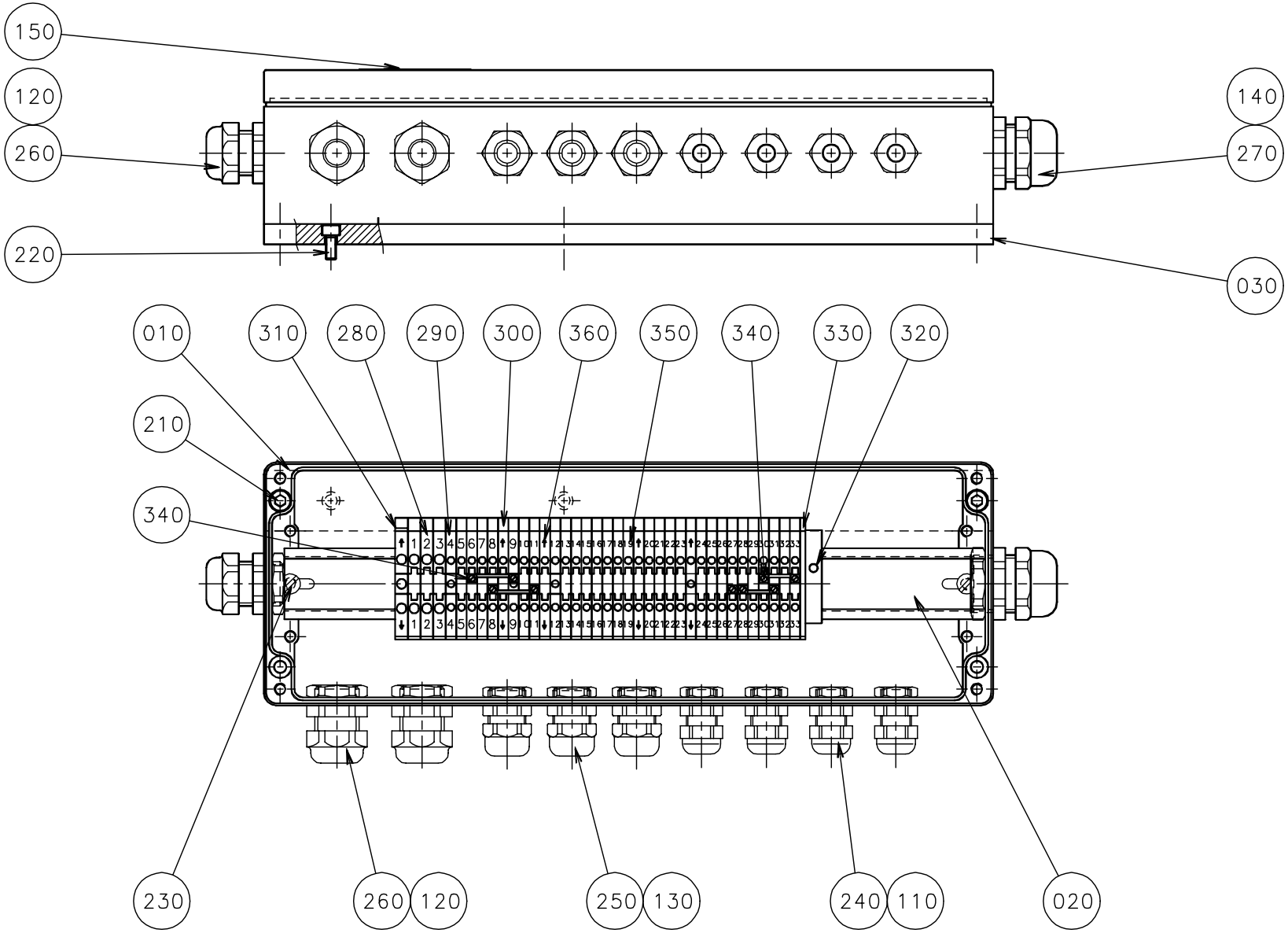


S - 441850-6
ECN 71056

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
F010	A 456435-0500	-		1	CONNECTION BOX	**444**
030	978193-0000	M		1	FASTENING PLATE	
110	90015-0023	-		4	RUBBER BUSHING TET 7-10	
140	90110-0114	K		8	CONTACT HOUSING BLACK	
150	90110-0116	K		8	CONTACT PIN AWG 2-8	
160	90166-0023	K	MM	1100	SHRINKABLE HOSE 38mm	
190	312101-0305	K		1	SCREW M6S4X50FZB	
255	315101-0136	K		1	WASHER BRB 4,3x8 FZB	
Common parts						
200	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
230	312115-0374	-		2	SCREW MC6S ISO 4762 M6x30 A280	
250	312125-0287	-		10	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
280	352103-0111	-		1	CABLE GLAND ST 16	
290	352103-0116	-		1	CABLE GLAND ST 21	
300	352113-0102	-		8	CLIP-STRIP,Black 188x4,8mm	
310	352113-0202	-		8	ANCHOR TM2S8-M REPL.BY 352113-205	

Pos	Part No	SP	UN	Qty	Description	Page No

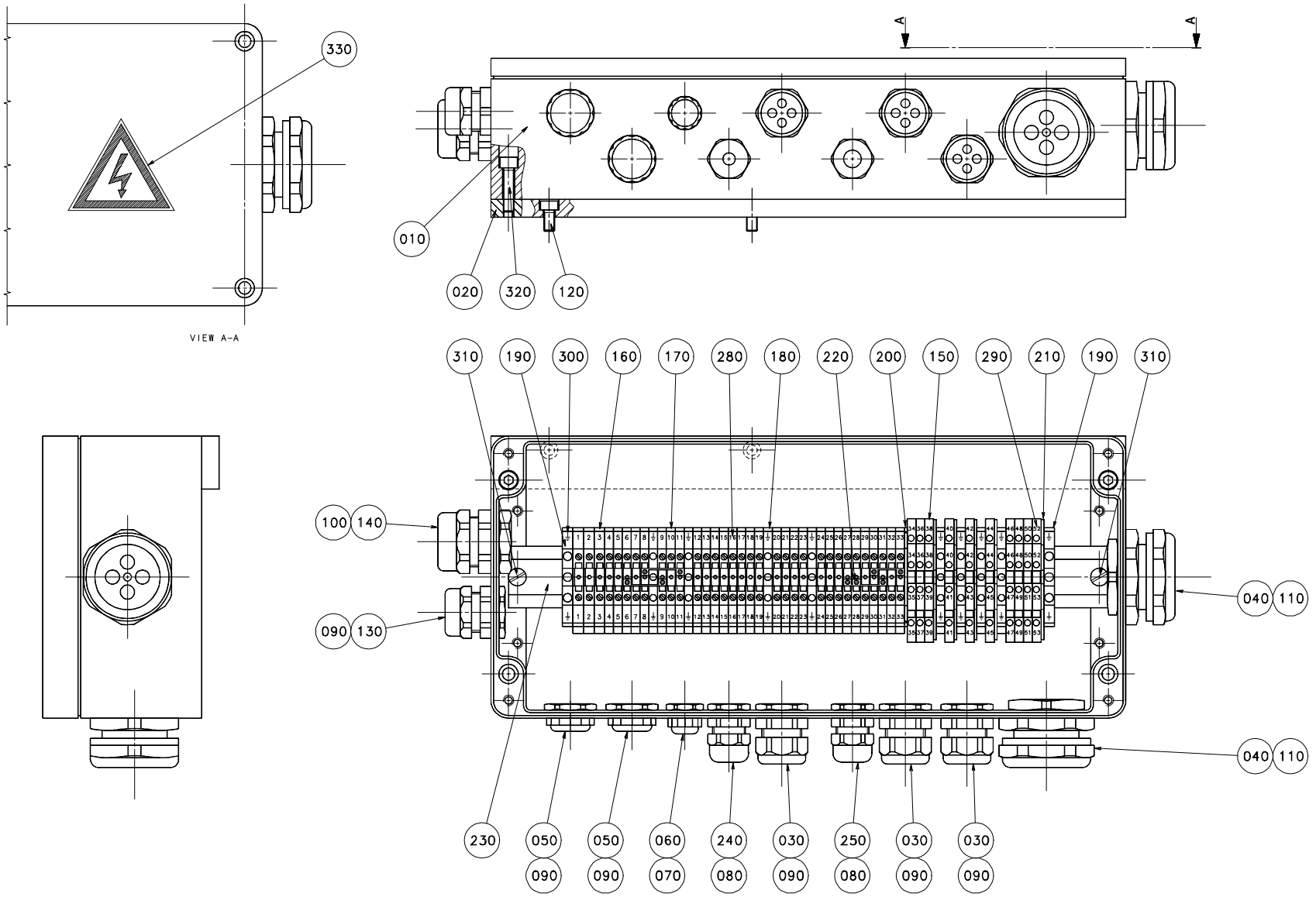
CONNECTION BOX



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979406-0000	D		1	BOX	
020	571929-0000	D		1	RAIL	
030	979456-0000	D		1	SPACER	
110	90099-0104	R		4	NUT PR 15,2 (PG9)	
120	90099-0110	R		3	NUT PR 22,5 (PG16)	
130	90099-0117	R		3	NUT PR 18,6 (PG11)	
140	90099-0119	R		1	NUT PR 28,3 (PG21)	
150	90194-0016	R		1	SIGN "FLASH SIGN" 50X50MM	
210	312111-0372	R		2	SCREW MC6S6X25FZB	
220	312115-0327	R		2	SCREW MC6S ISO 4762 M5X12 A280	
230	312125-0364	R		2	SLOTTED HEMCS6X10RFR	
240	352103-0101	R		4	CABLE GLAND ST 9;PR15,2/PG9	
250	352103-0106	R		3	CABLE GLAND ST 11	
260	352103-0111	R		3	CABLE GLAND ST 16	
270	352103-0116	R		1	CABLE GLAND ST 21	
280	353021-0213	R		3	FEED THROUGH TERMINAL WDU 4 BEGIE	
290	353021-0216	R		30	BY PASS TERMINAL WDU 2,5 Blue	
300	353024-0204	R		4	EARTH TERMINAL WPE 2,5	
310	353024-0205	R		1	EARTH TERMINAL WPE 4	
320	353031-0201	R		1	END BRACKET EW35	
330	353032-0005	R		1	END PLATE WAP 2,5-10 Blue	
340	353034-0030	R		2	BRIDGE CONLECK WQV 2,5/10	
350	359011-0807	R		2	MARKING PLATES 5-FW 1-50	
360	359011-0819	R		1	MARKING PLATES 5-GW (Earth)	

Pos	Part No	SP	UN	Qty	Description	Page No

CONNECTION BOX



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255873-0000	D		1	BOX	
020	1255874-0000	D		1	SPACER	
030	1260337-0000	R		3	GLAND FITTING	
040	1260338-0000	R		2	GLAND FITTING	
050	352101-0105	R		2	LEAD-IN PR 22,5;PG16	
060	352101-0102	R		1	LEAD-IN PR 15,2 PG9	
070	90099-0001	R		1	NUT PR 15,2 BRASS	
080	90099-0002	R		2	NUT Pr 18,6 Brass	
090	90099-0003	R		6	NUT	
100	90099-0004	R		1	NUT	
110	90099-0011	R		2	NUT PR 37 BRASS	
120	312115-0366	R		2	SCREW MC6S ISO 4762 M6X12 A280	
130	352103-0111	R		1	CABLE GLAND ST 16	
140	352103-0116	R		1	CABLE GLAND ST 21	
150	353021-0120	R		10	FEED THROUGH TERMINAL WDK 2,5	
160	353021-0213	R		3	FEED THROUGH TERMINAL WDU 4 BEGIE	
170	353021-0216	R		30	BY PASS TERMINAL WDU 2,5 Blue	
180	353024-0204	R		8	EARTH TERMINAL WPE 2,5	
190	353024-0205	R		2	EARTH TERMINAL WPE 4	
200	353032-0005	R		1	END PLATE WAP 2,5-10 Blue	
210	353032-0010	R		5	END PLATE WAP	
220	353034-0030	R		2	BRIDGE CONLECK WQV 2,5/10	
230	353042-0005	R	MM	340	RAIL TS 35/7.5	
240	352103-0105	R		1	CABLE GLAND STR 11;PR 18,6;PG11	
250	352103-0106	R		1	CABLE GLAND ST 11	
280	359011-0807	R		2	MARKING PLATES 5-FW 1-50	
290	359011-0808	R		2	MARKING PLATES 5-FW 51-100	
300	359011-0819	R		1	MARKING PLATES 5-GW (Earth)	
310	312125-0364	R		2	SLOTTED HEMCS6X10RFR	
320	312115-0372	R		2	SCREW MC6S ISO 4762 M6x25 A280	
330	90194-0016	R		1	SIGN "FLASH SIGN" 50X50MM	

Pos	Part No	SP	UN	Qty	Description	Page No

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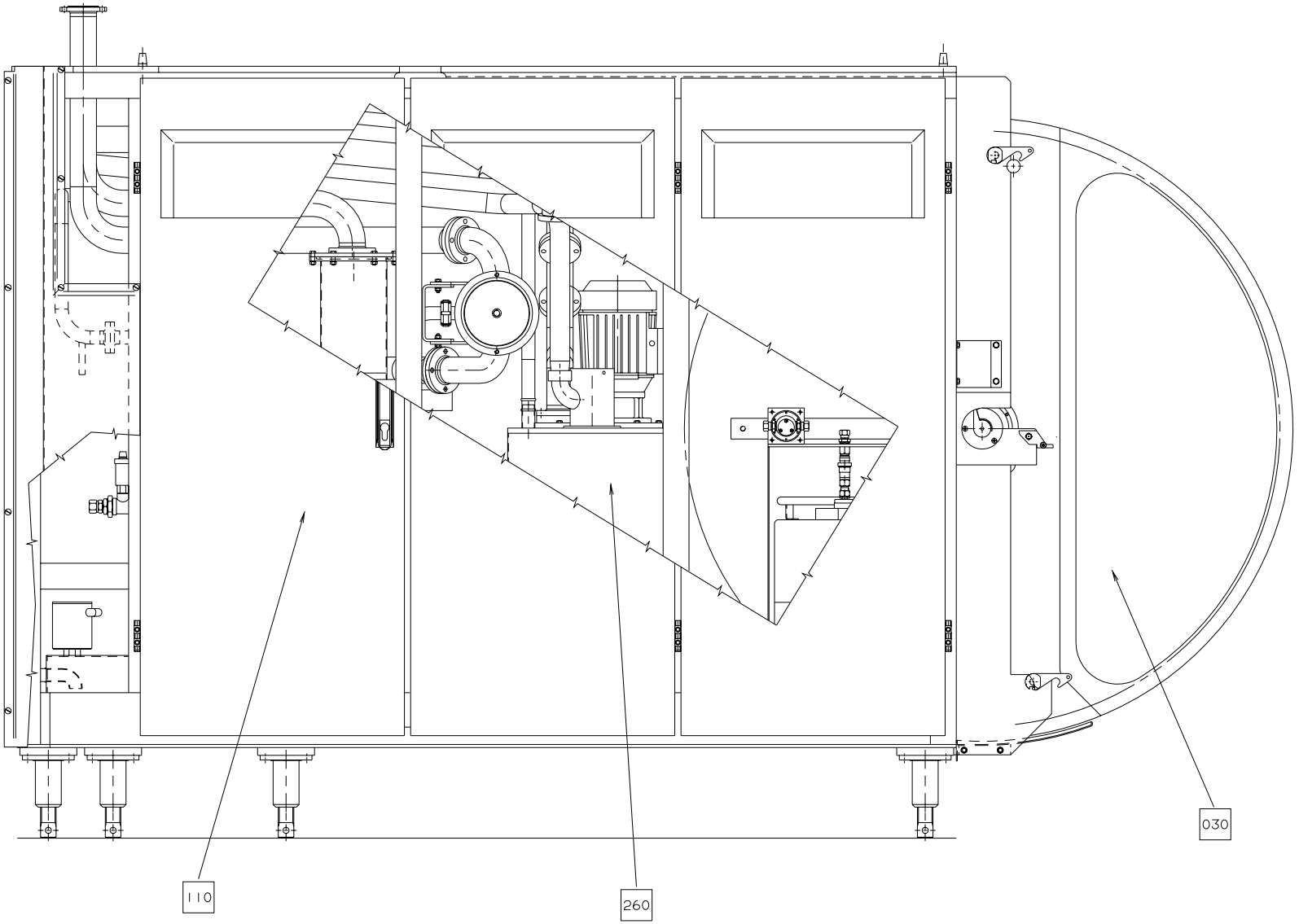
Pos	Part No	SP	UN	Qty	Description	Page No
90415-0022						
	90415-0320	K		1	FILTER INSERT	
271499-0000						
	351121-0110	-	M	1	CABLE RHH 25	
	353104-0175	-		1	CABLE SHOEYAV 25 M6	
295201-0000						
	312911-0118	-		11	THREADED I M6X1,5D	
	312911-0126	-		2	THREADED I M8X1,5D	
295307-0000						
	90012-0058	-		1	GLAND	
	90152-0019	-	M	1	FLEXIBLE CONDUIT PG 36	
441143-0000						
	342808-0103	-		1	ELBOW PIPE38	
456393-0000						
	90330-0065	-		1	ELBOW,90 int thread, R3/8	
469977-0000						
	351121-0110	-	M	1	CABLE RHH 25	
	353104-0175	-		2	CABLE SHOEYAV 25 M6	
490618-0000						
	90330-0106	-		1	PIPE COUPLING	
491847-0000						
	491289-0000	-		1	TENSION SPROCKET	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

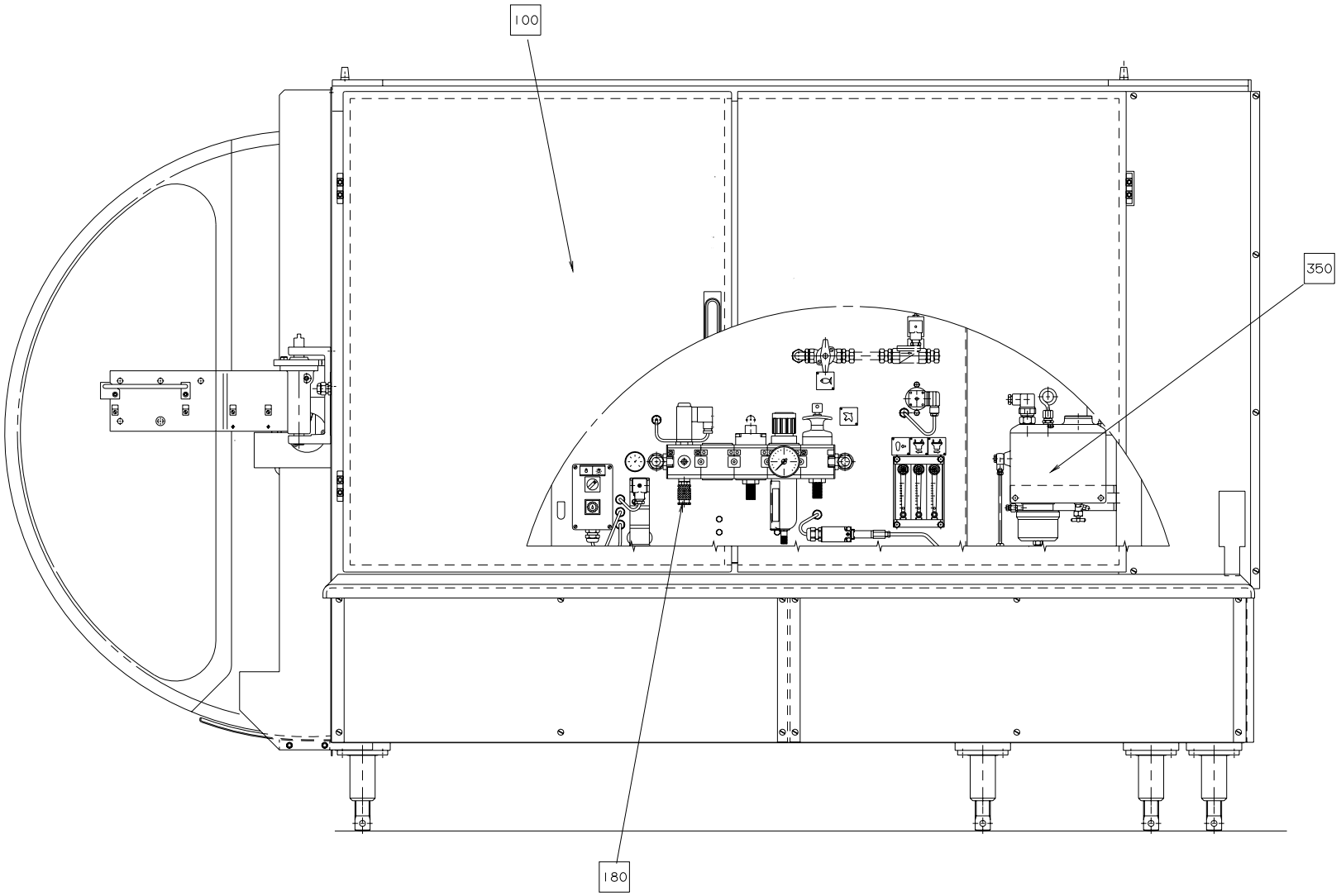
SPC

Spare Parts Catalogue


110
260
030

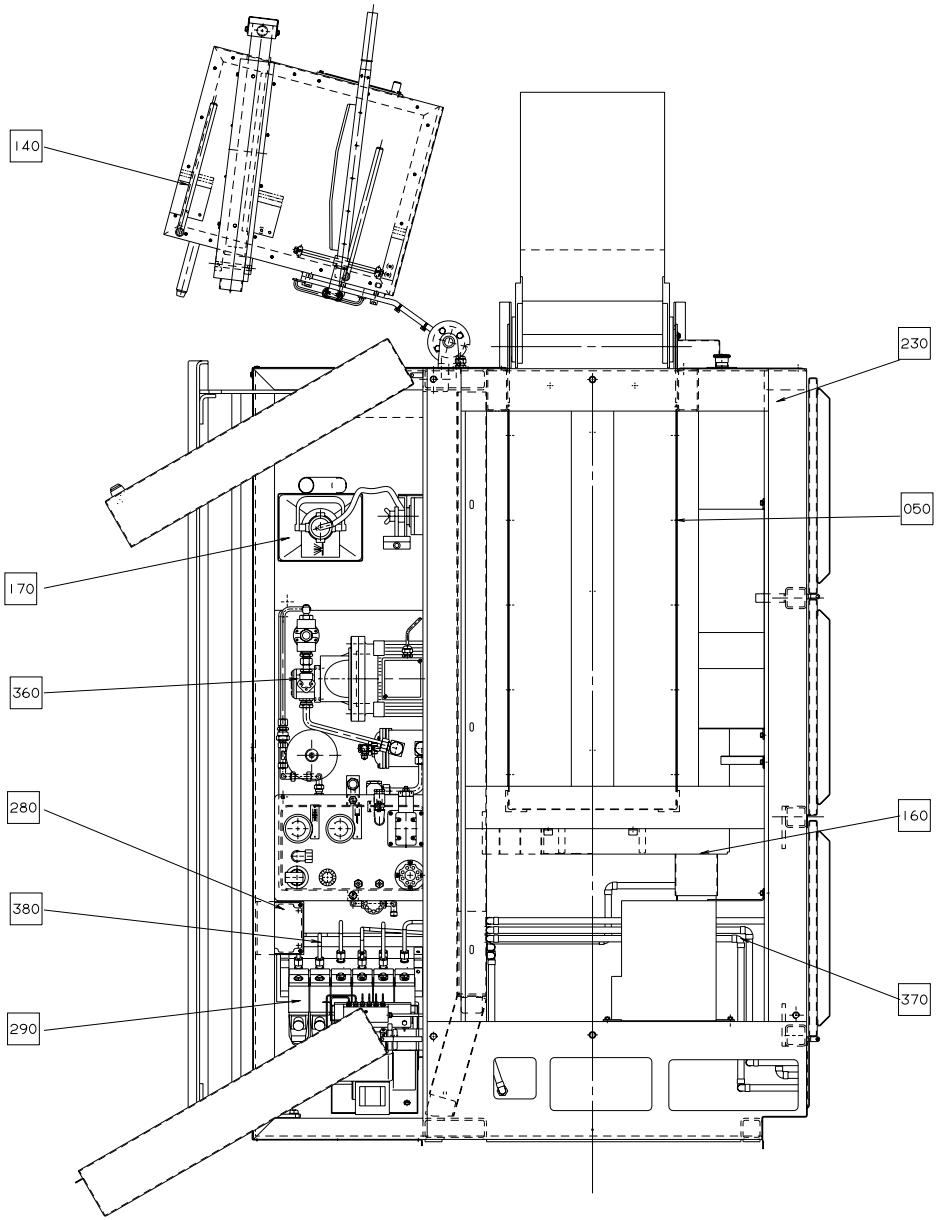
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No


100
350
180

Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No


140
230
050
170
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280
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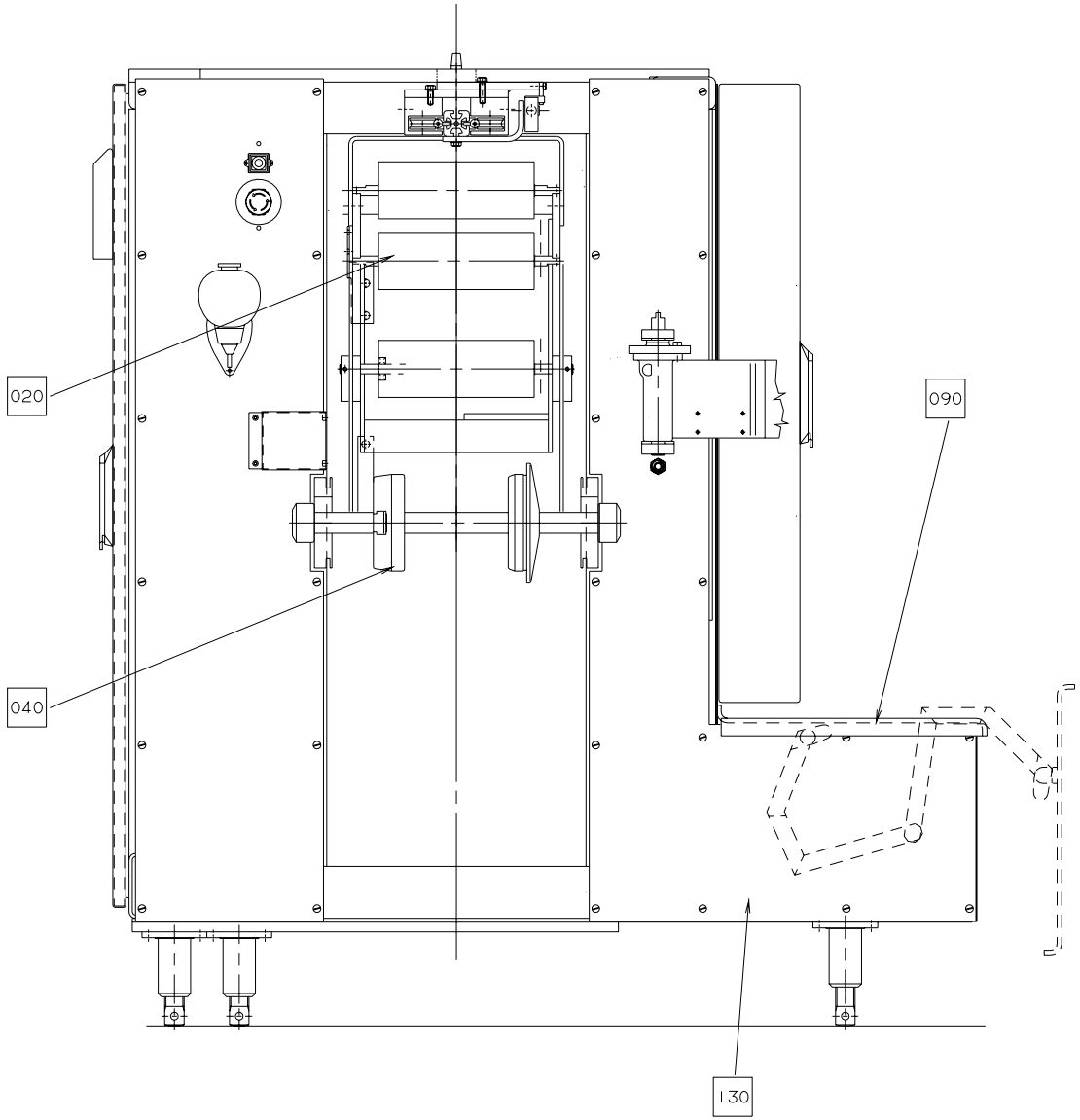
370
290

Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No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040
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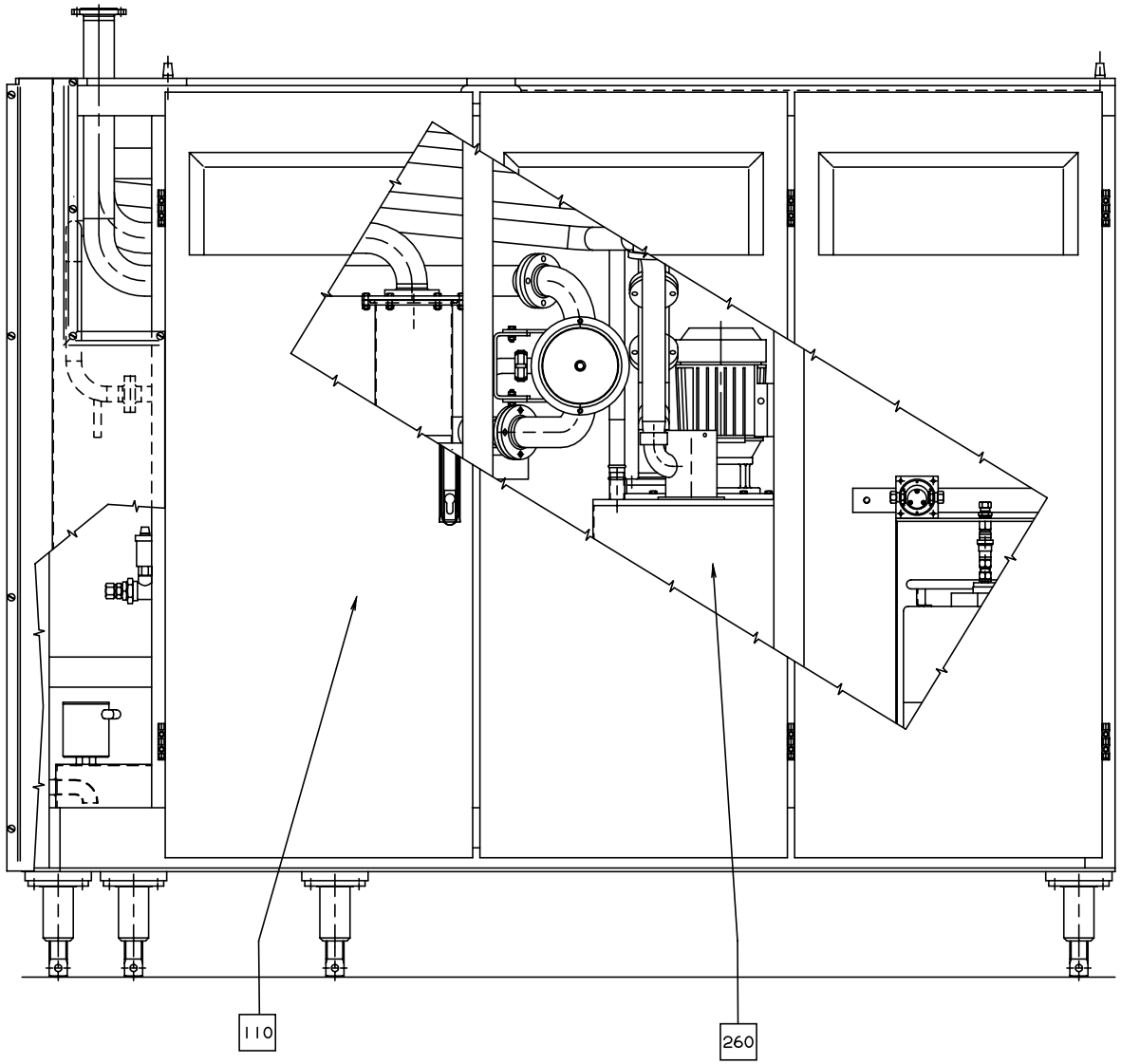
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



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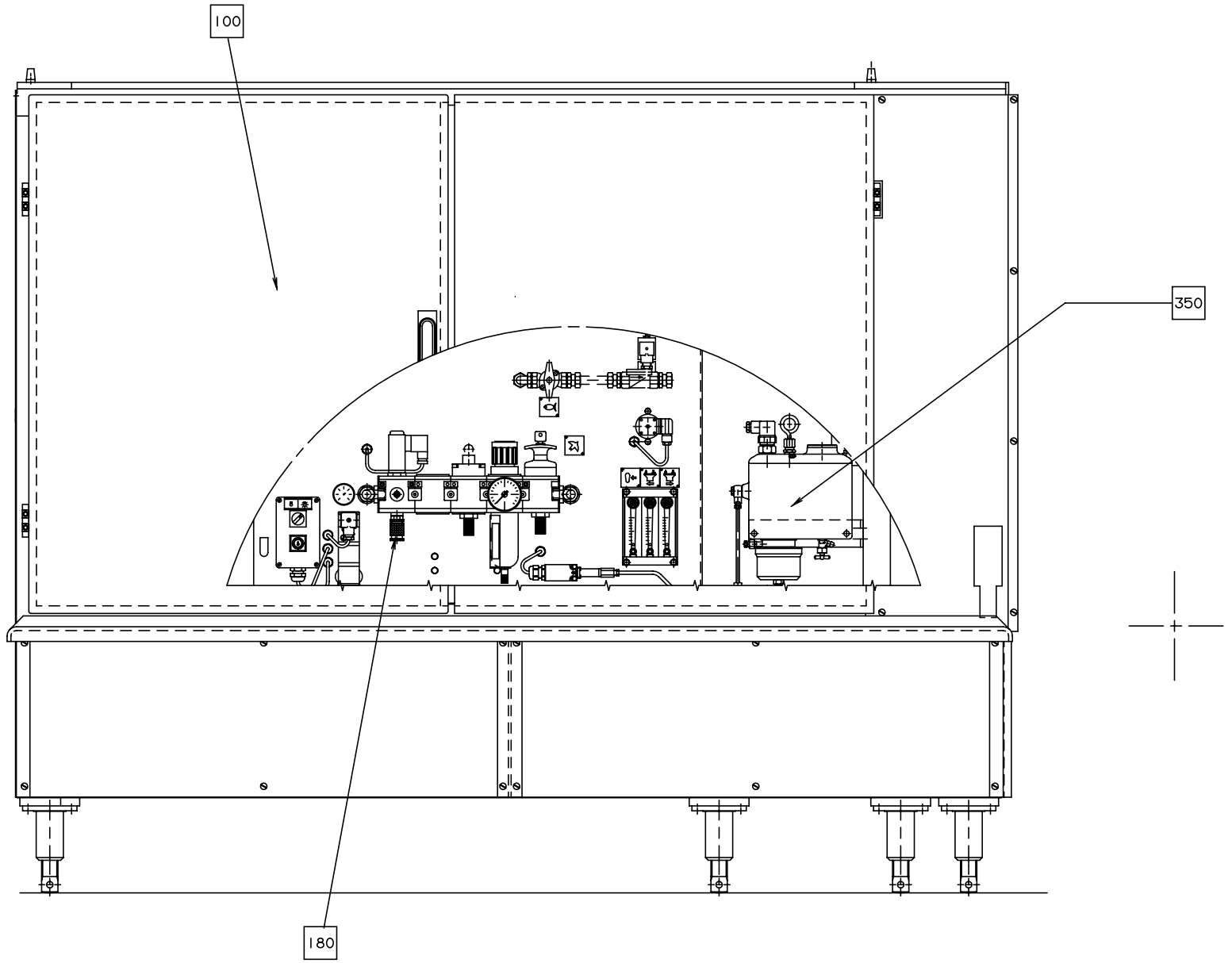
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



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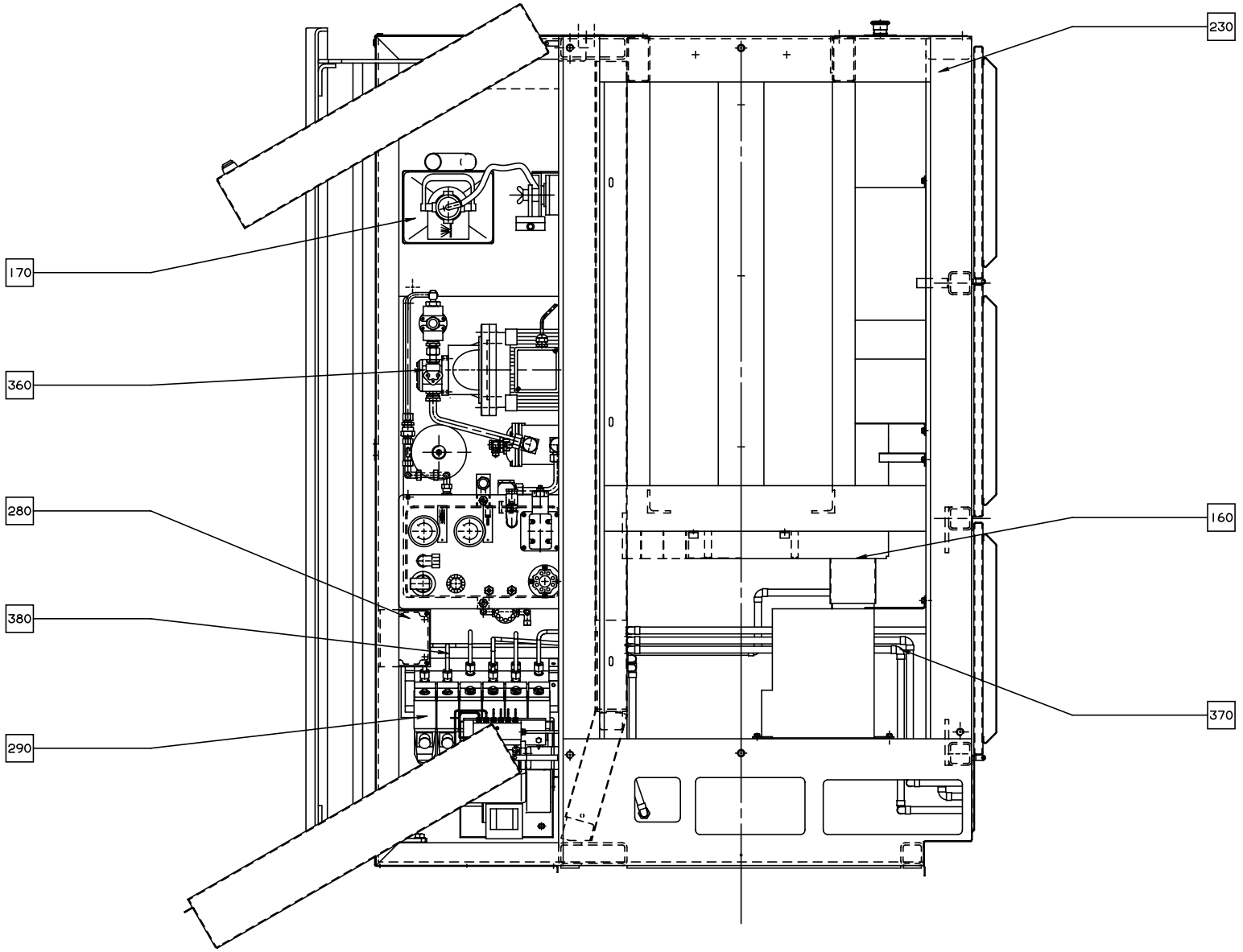
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



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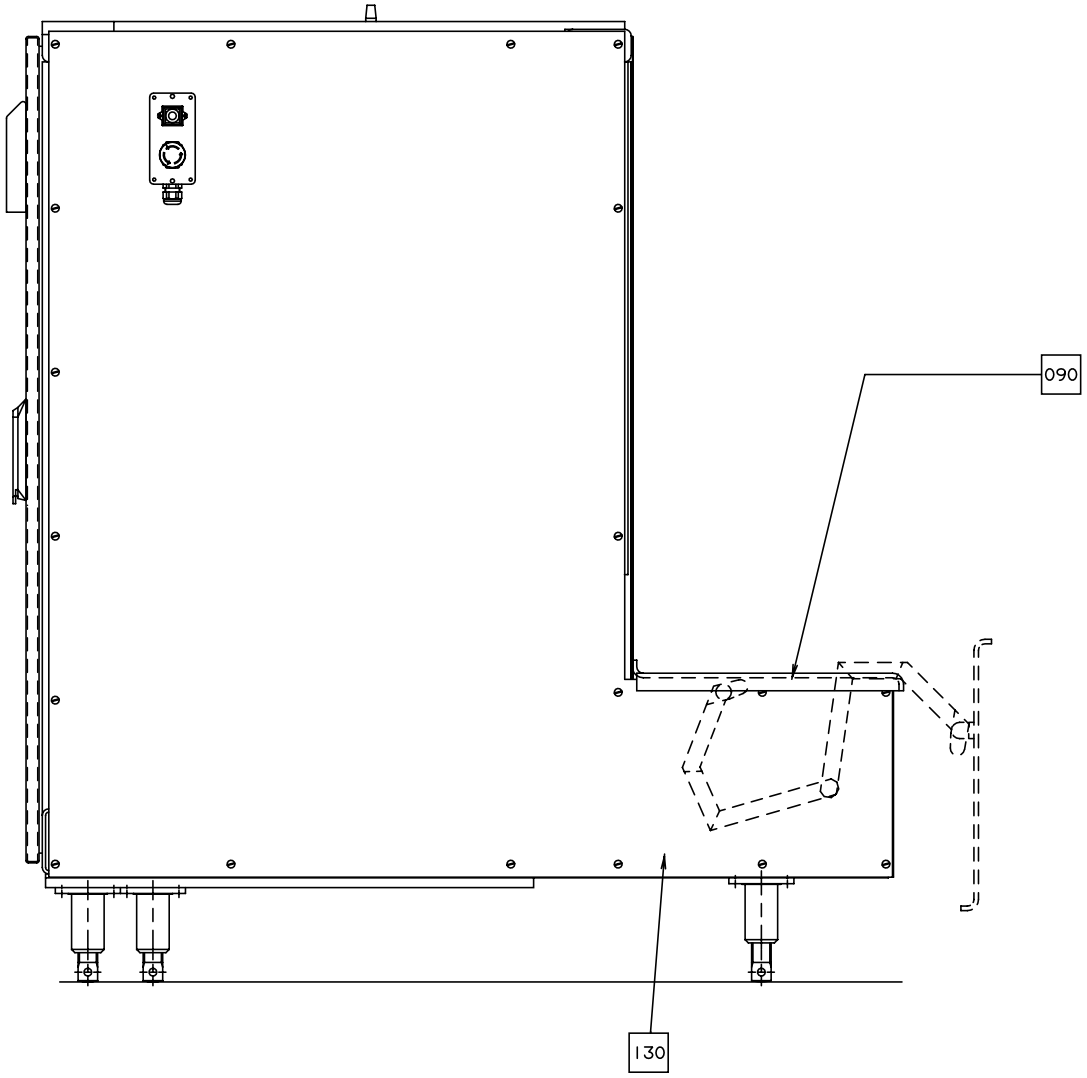
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



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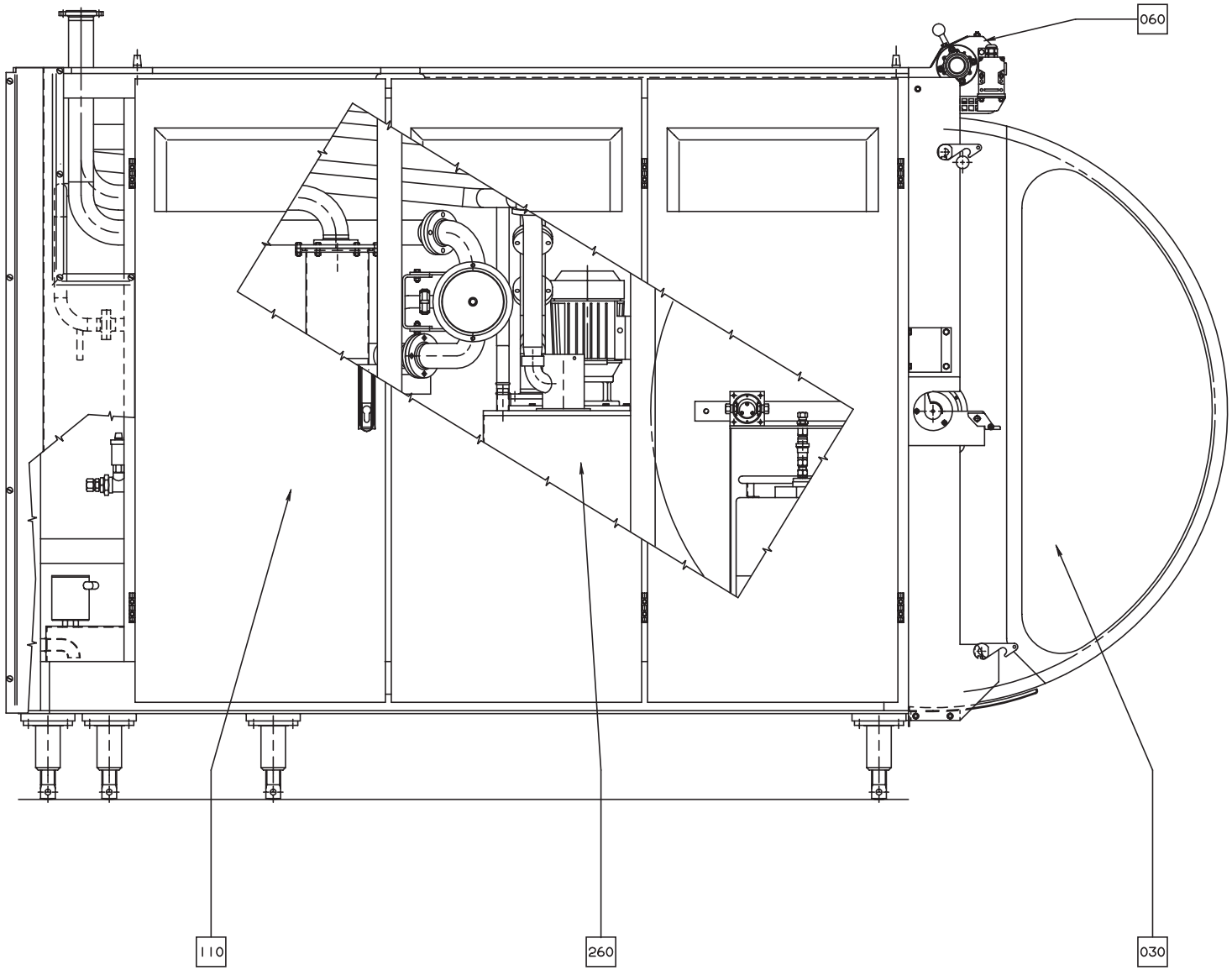
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



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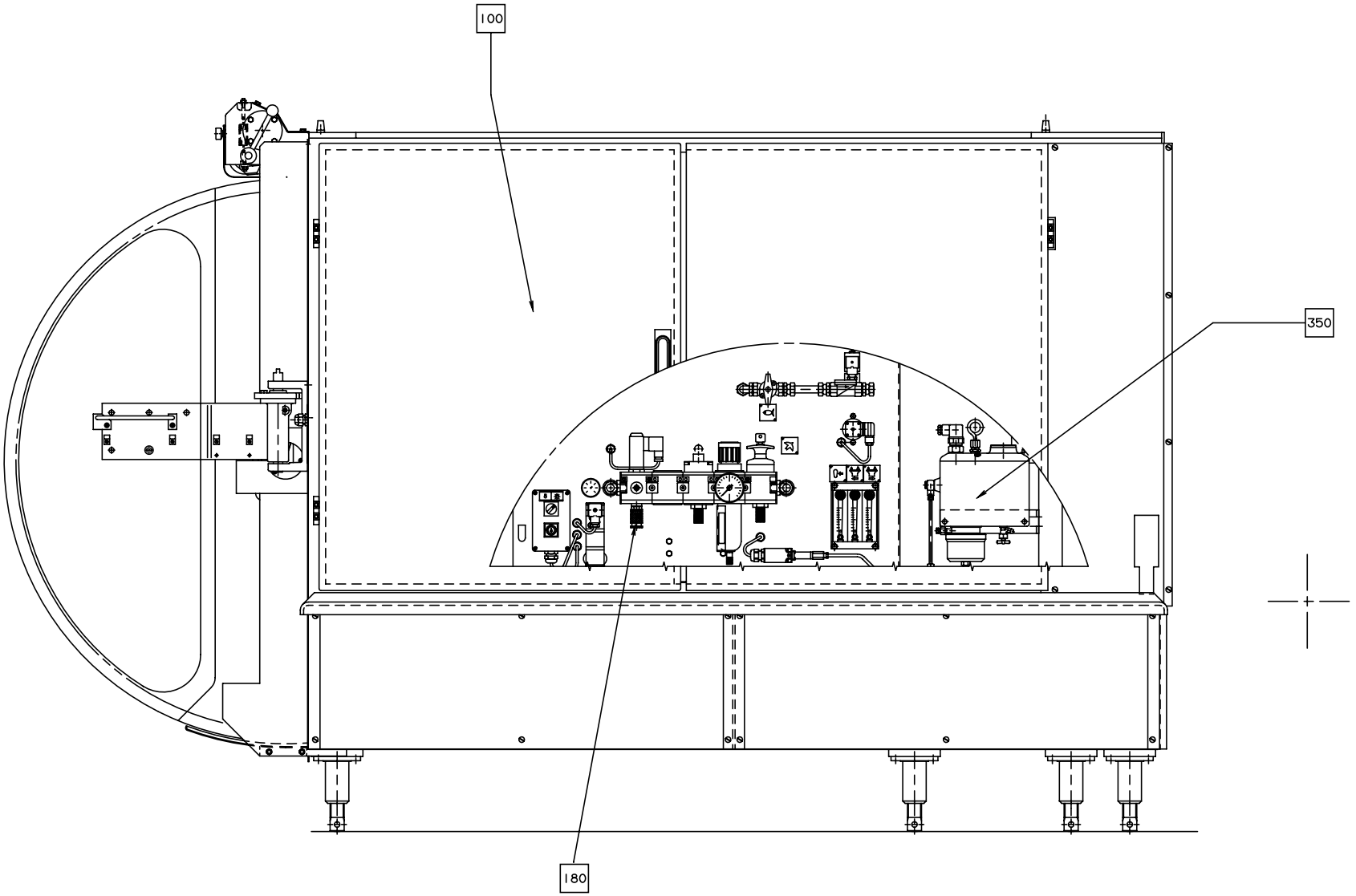
ECN 70324

Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



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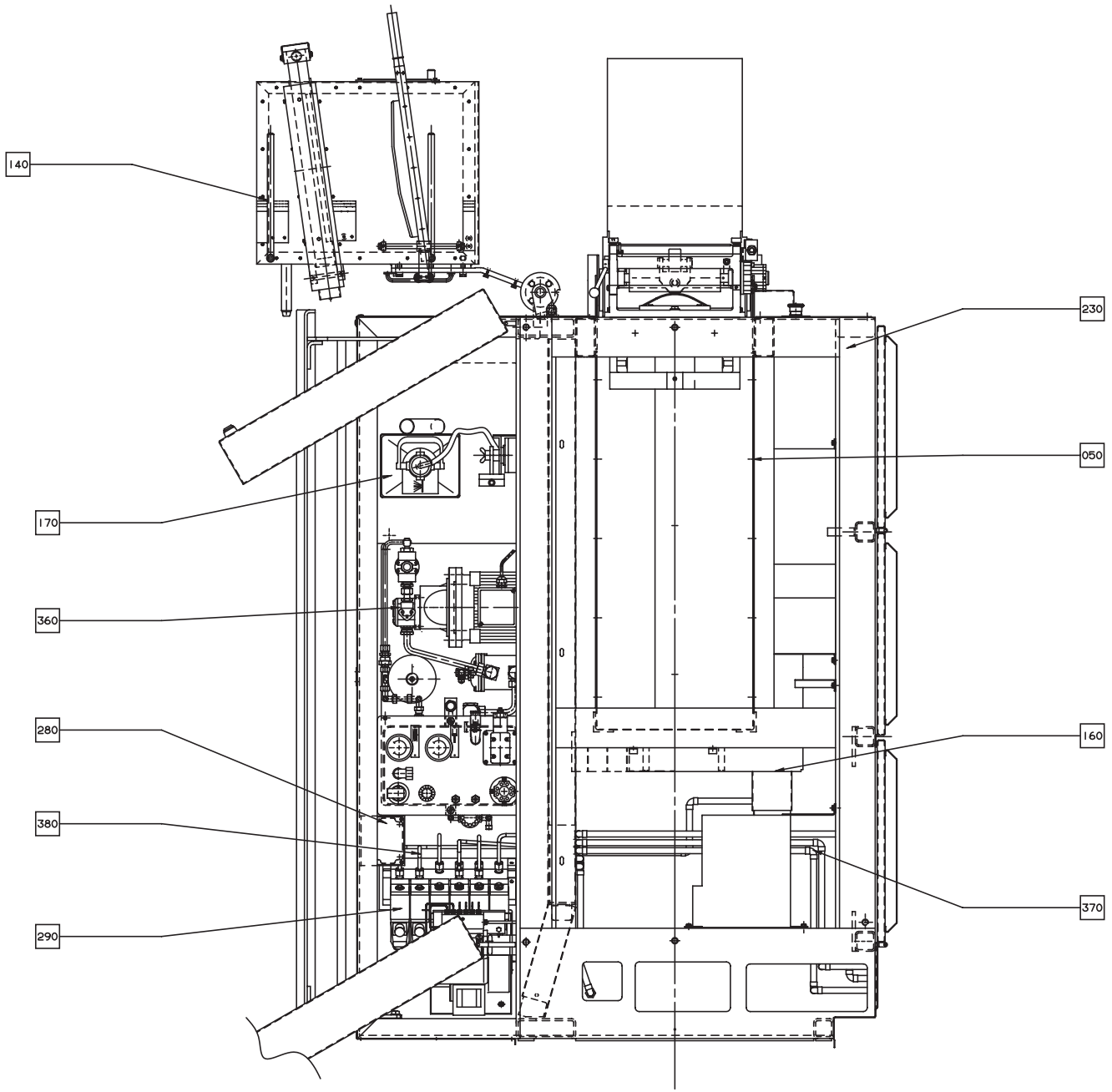
ECN 70324

Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



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ECN 70324

Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
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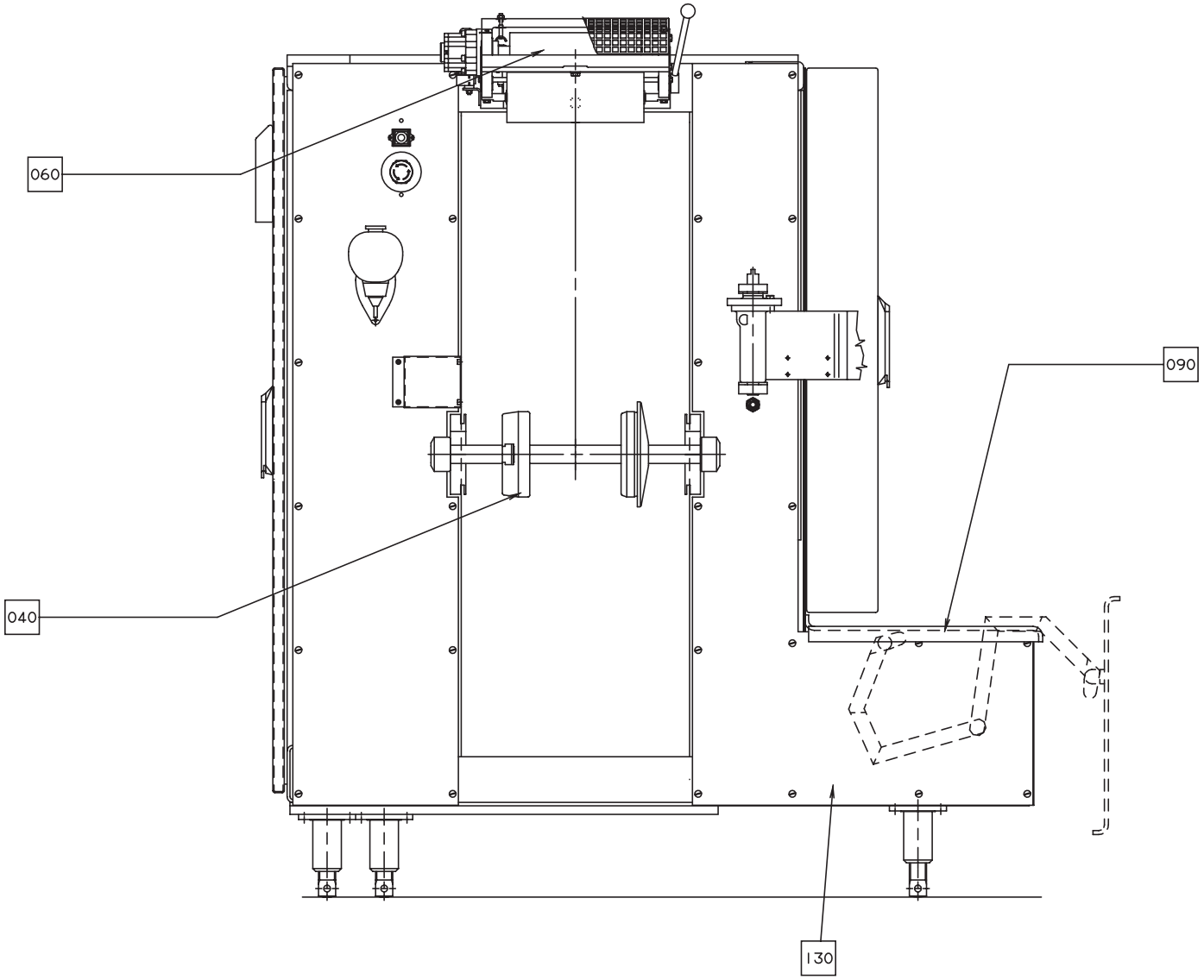
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

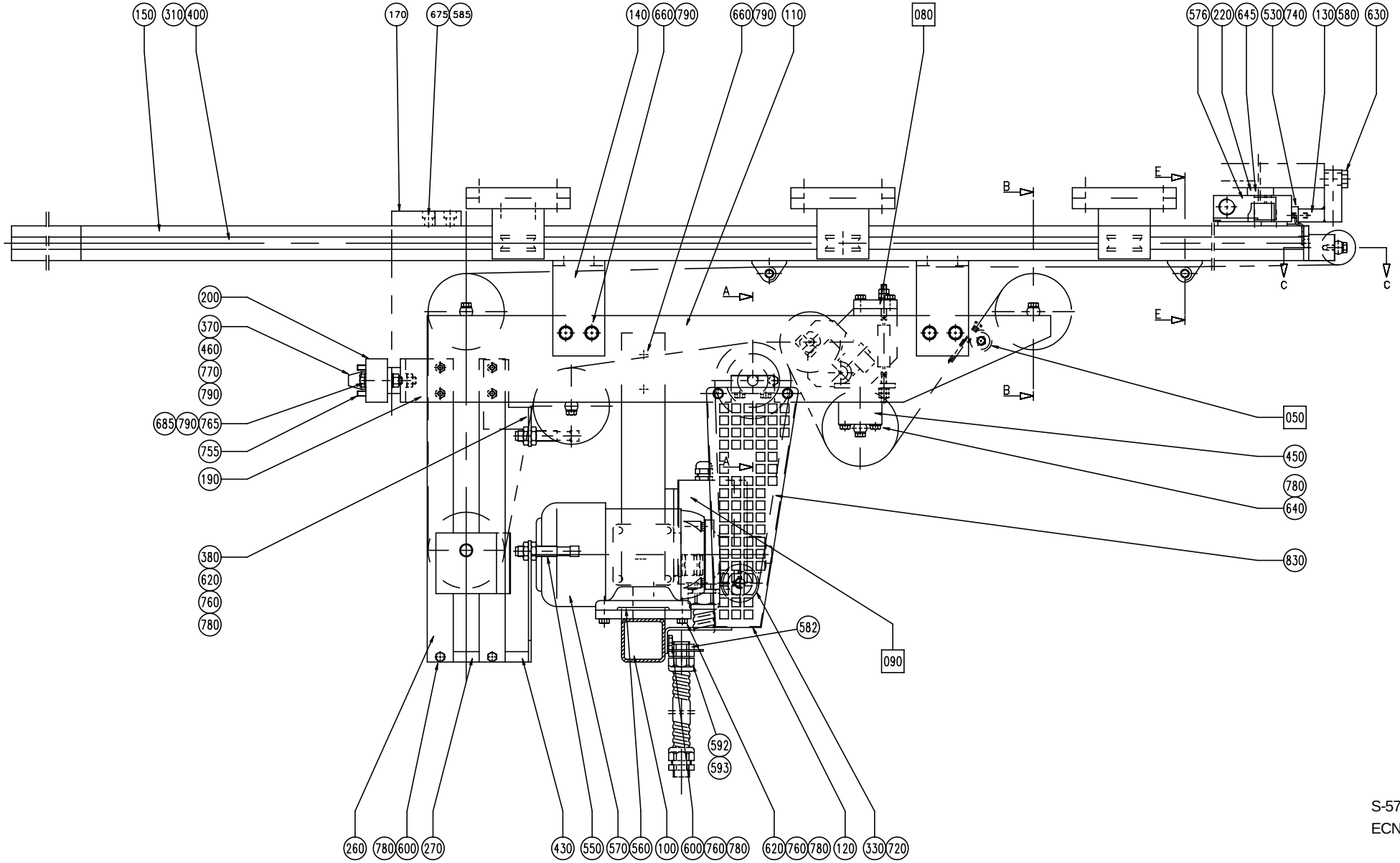
Pos	Part No	SP	UN	Qty	Description	Page No



S-648106-30
ECN 70324

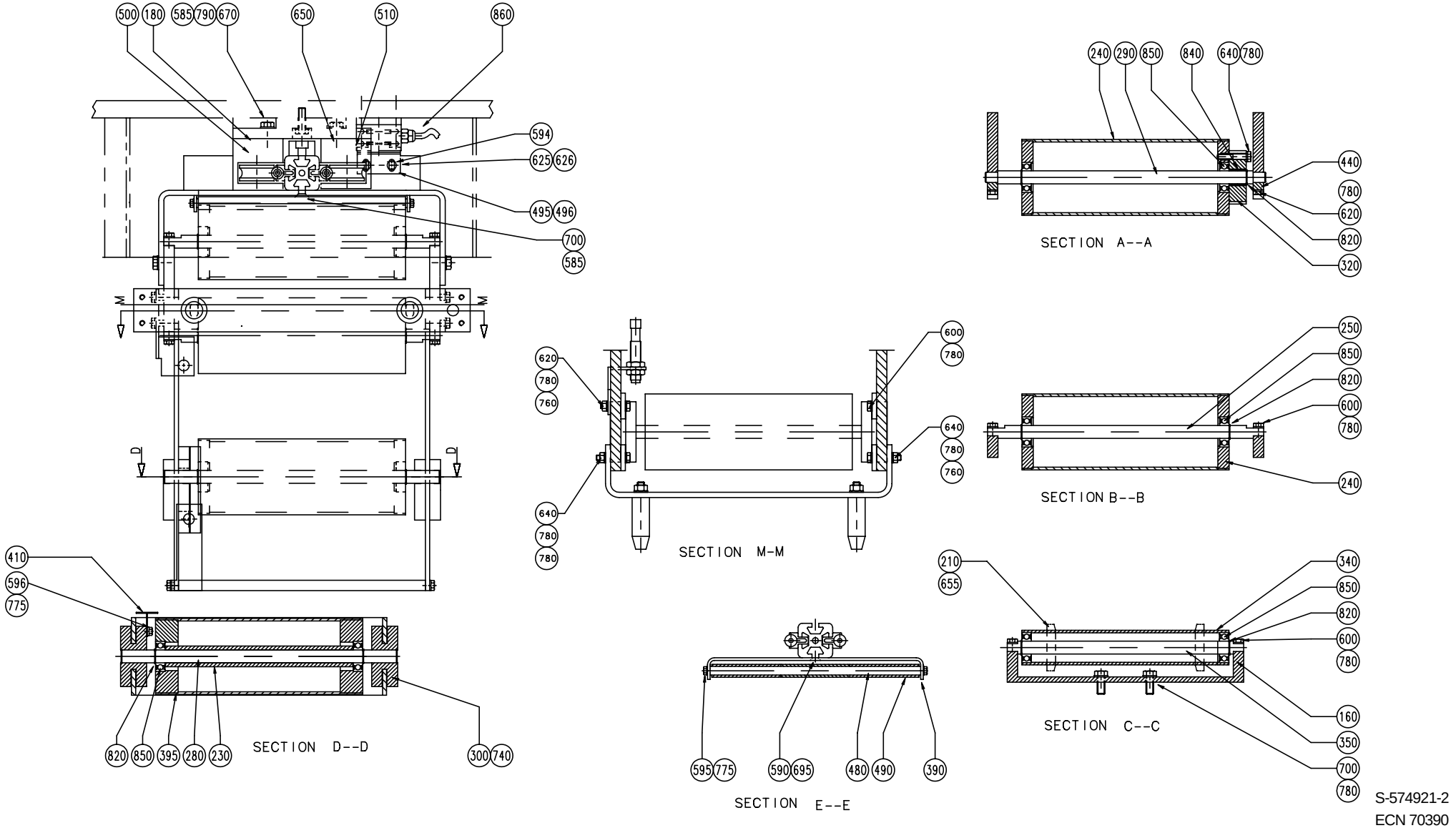
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT NOASU						
F020	A 574921-0100	-		1	PAPER MAGAZINE	**476**
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA NOPT ASU or TBA PT19 ASU						
F180	A 577826-0100	-		1	VALVE PANEL	**536**
TBA PT19 NOASU						
F030	A 574922-0100	-		1	COVER	**486**
F040	A1296814-0100	D		2	PAPER REEL HOLDER,JUMBO REEL	**488**
F050	A 578700-0100	-		1	COVERING PLATE	**490**
F060	A 582401-0100	-		1	BRAKE UNIT	**492**
F140	A 271699-0500	-		1	SPLICING DEVICE	**510**
F180	A 577826-0100	-		1	VALVE PANEL	**536**
Common parts						
F090	A 257146-0300	-		1	LID	**498**
F100	A 978949-0100	-		1	DOORS LEFT SIDE	**500**
F110	A 979098-0100	-		1	DOORS RIGHT SIDE	**502**
F130	A 979215-0100	-		1	COVER PLATE	**504**
F160	A 978837-0100	-		1	CABLE DUCT	**524**
F170	A 490761-0100	-		1	DETERGENT PUMP	**532**
F230	A 979216-0100	-		1	MACHINE BODY	**534**
F260	A 978834-0100	-		1	PEROXIDE AND STERILE SYSTEM	**574**
F280	A 752784-0100	-		1	CONNECTION BOX	**602**
F290	A 751691-0200	-		1	IMPULSE TRANSMITTER	**608**
F350	A 978823-0100	-		1	CENTRAL LUBRICATION	**614**
F360	A 491894-0200	-		1	HYDRAULIC SYSTEM	**616**
F370	A 978875-0100	-		1	PIPE WORK,AIR WATER	**618**
F380	A 978990-0100	-		1	PIPE WORK-HYDRAULIC	**620**
F600	A 469384-0100	-		1	START-UP KIT	**622**

Pos	Part No	SP	UN	Qty	Description	Page No



S-574921-1
ECN 70390

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F050	A 577800-0100	-		1	PAPER GUIDE	**480**
F080	A 578682-0100	-		1	BRAKE	**482**
F090	A 578699-0100	-		1	CONNECTION BOX	**484**
100	574934-0000	-		1	MOTOR BRACKET	
110	576299-0000	-		2	BEAM	
120	979387-0000	-		1	PROTECTION	
130	578680-0000	-		1	STOP ARM	
140	574938-0000	-		2	BOW CLAMP	
150	574941-0000	-		1	BEAM	
160	576296-0000	-		1	BRACKET	
170	576302-0000	-		2	STOP BLOCK	
180	576303-0000	-		3	BRACKET	
190	576305-0000	-		1	BOW CLAMP	
200	576306-0000	-		1	HOLDER	
210	979356-0000	D		2	FLANGE	
220	979710-0000	-		1	SPACER	
230	979946-0000	-		1	STEEL TUBE	
240	574932-0000	D		5	BENDING ROLLER	
250	574933-0000	D		4	SHAFT	
260	574935-0000	-		4	BRACKET	
270	574936-0000	-		1	PLATE	
280	574937-0000	D		1	SHAFT	
290	574939-0000	D		1	SHAFT	
300	574940-0000	-		2	BLOCKING PIECE	
310	574943-0000	-		2	AXLE SUPPORT	
320	574944-0000	D		1	TOOTHED PULLY	
330	574945-0000	D		1	TOOTHED PULLY	
340	576297-0000	D		1	ROLL	
350	576298-0000	D		1	SHAFT	
370	576307-0000	-		2	MANDREL	
380	577797-0000	-		1	BRACKET	
390	578677-0000	-		2	HOLDER	
395	979555-0000	-		1	WEB TENSION ROLLER	
400	574942-0000	D		2	SHAFT	
410	574946-0000	-		1	FLAG	
430	576274-0000	-		1	BRACKET	
440	576300-0000	-		2	CAP	
450	576301-0000	-		2	SPACER	
460	576308-0000	-		2	BUSHING	
480	578678-0000	-		2	SHAFT	
490	578679-0000	D		6	ROLL	
495	975917-0000	D		1	KEY FOR SAFETY SWITCH 90044-103	
496	1036563-0000	-		1	WASHER	
500	1346946-0000	-		3	BEARING UNIT ECCENTRIC	
510	1346519-0000	-		3	BEARING UNIT CENTRIC	
530	90347-0011	R		1	VIBRATION DAMPER MEGI 781056	
550	90044-0124	J		2	PROX.SWITCH 922AB2XM-A9P-050-LZ-876Hwell	
560	90012-0137	-		1	CABLE GLAND SCREENED PG11 SHVE-120111	
570	90069-0281	M		1	Worm gear motor Grosshopp OKM-87-60	
576	90044-0139	M		1	KEY SAFETY SWITCH AZ-16-02 ZVRK-2254	
580	321120-0112	-		1	BEARING BUSHING WITHOUT FLANGE,12/14X20	
582	90099-0110	-		1	NUT PR 22,5 (PG16)	
585	90099-0130	-		18	NUTS,HEXAGON, M8	
590	90099-0133	-		4	NUTS,HEXAGON, M6	
592	353243-0005	-		1	GLANDS,HOSE,EXTENDED WITHOUT INSERT PG16	
592	353249-0014	-		1	GLAND,INSERT,SINGLE HOLE,EXTE.11,5-15,5	
593	90152-0051	-	M	3	GLANDS,HOSE 25x18	
594	312105-0293	-		2	SCREW M6S ISO 4017 M4X16 A280	
595	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A280	
596	312105-0323	-		2	SCREW M6S ISO 4017 M5X8 A280	
600	312105-0368	-		19	SCREW M6S ISO 4017 M6x16 A280	
620	312105-0374	-		12	SCREW M6S ISO 4017 M6X30 A280	
625	312602-0312	-		1	NUTS,HEXAGON M4	
626	315103-0146	-		1	WASHER,PLAIN ROUND BRB 5,3x10 MSGFN	
630	271961-0000	-		1	SCREW	
640	312105-0376	-		9	SCREW M6S ISO 4017 M6x35 A280	
645	312115-0333	-		2	SCREW MC6S ISO 4762 M5X25 A280	
650	312318-0455	-		12	STOP SCREW SK6SS8X30RFR	
660	312105-0451	-		14	SCREW M6S ISO 4017 8x20 A280	
670	312105-0453	-		18	SCREW M6S ISO 4017 M8x25 A280	
675	312115-0451	-		4	SCREW MC6S ISO 4762 M8x20 A280	
685	312105-0460	-		2	SCREW ISO 4017 M8x45 A280	
695	312155-0370	-		4	SCREW MF6S DIN 7991 M6X20 A280	
700	312155-0451	-		2	SCREW MF6S8X20RFR	
720	312318-0291	-		1	SET SCREW CUP POINT ISO 4029 M4X12 RFR	
740	312318-0366	-		3	SET SCREW CUP POINT ISO 4029 M6x12 RFR	
755	312318-0372	-		4	SET SCREW CUP POINT ISO 4029 M6x25 RFR	
760	312605-0316	-		10	NUT,HEXAGON A280 M6M6	
765	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
770	312812-0318	-		2	LOCK-NUT,HEXAGON,WITH NYLON,M8	
775	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
780	315105-0153	-		30	WASHER,PLAIN ROUND 6,4x12 Stainless	
790	315105-0165	-		22	WASHER,PLAIN ROUND 8,4x16 Stainless	
820	315751-0112	-		14	RETAINING RINGS FOR SHAFT 15	

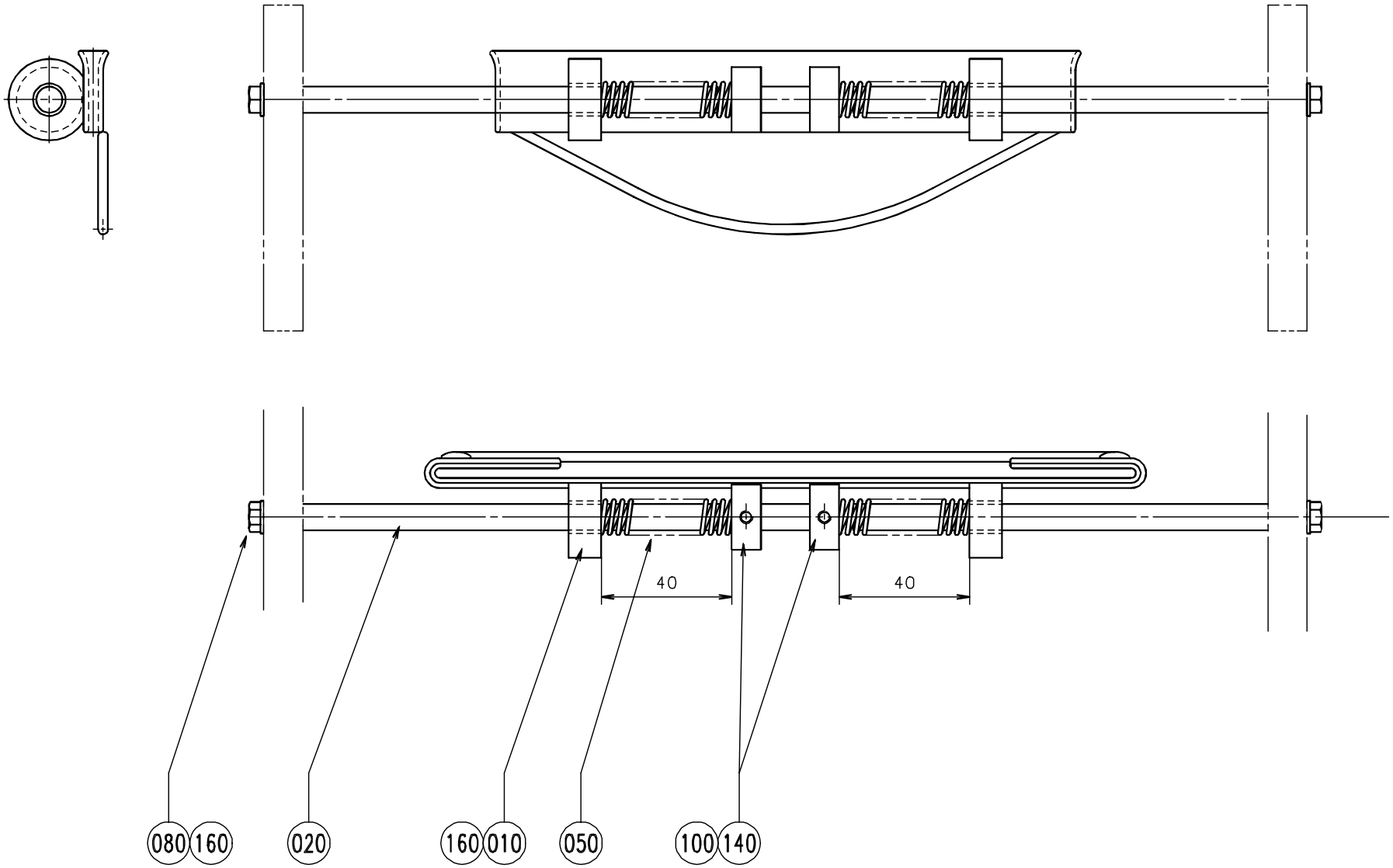


S-574921-2
ECN 70390

Pos	Part No	SP	UN	Qty	Description	Page No
830	318172-0139	J		1	TIMING BELT T10X630X16	
840	321116-0202	-		2	BEARING BUSHING WITHOUT FLANGE,15X19X10	
850	321313-0102	F		14	BALL BEARING 15x35x11	
860	352103-0106	-		1	CABLE GLAND ST 11	

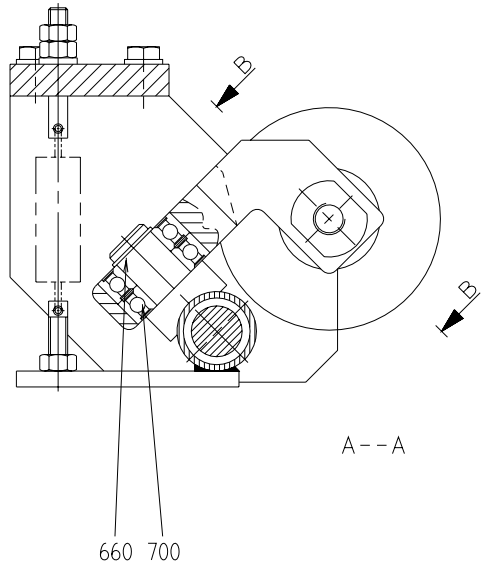
Pos	Part No	SP	UN	Qty	Description	Page No

PAPER GUIDE



Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
020	577799-0000	-		1	SHAFT	
050	752085-0000	M		2	SPRING	
080	312105-0333	-		2	SCREW M6S ISO 4017 M5x25 A280	
100	312318-0287	-		2	SET SCREW CUP POINT ISO 4029 M4X8 RFR	
120	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
140	315742-0104	-		2	RETAINING RINGS 8	
160	90240-0121	J		2	BEARING BUSHING WITH FLANGE, 8/10X12	
TBA 0100B or TBA 0125S						
010	B 578685-0000	D		1	GUIDING ARBOR	
TBA 0160S or TBA 0200S						
010	B 577798-0000	D		1	GUIDING ARBOR	
TBA 0200M or TBA 0250S						
010	B 578687-0000	D		1	GUIDING ARBOR	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	B 578686-0000	D		1	GUIDING ARBOR	

Pos	Part No	SP	UN	Qty	Description	Page No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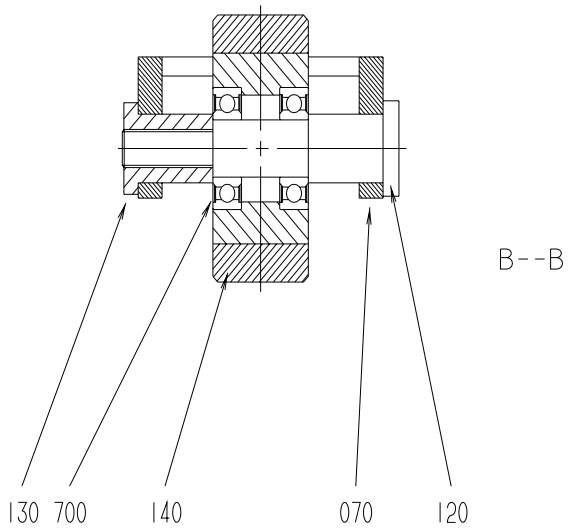
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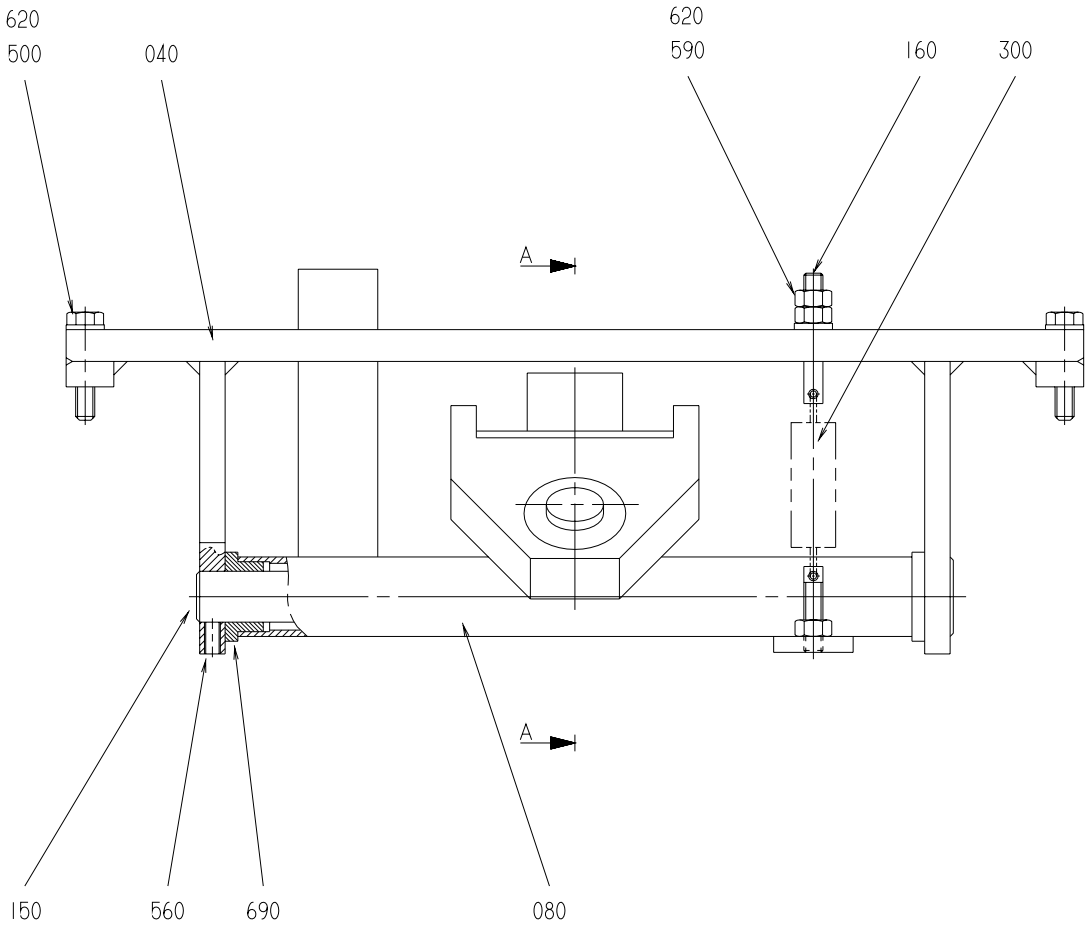
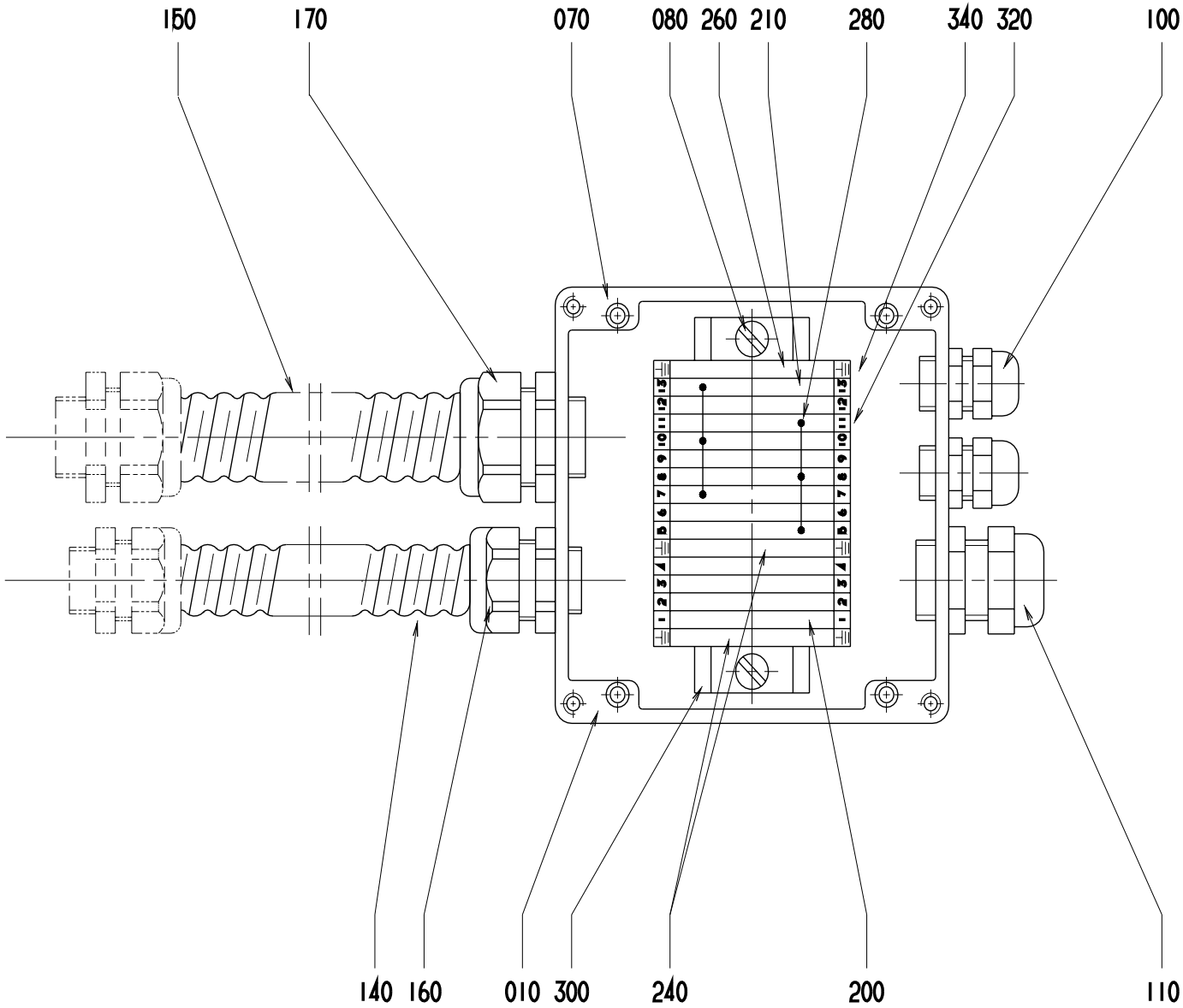
700
140
070
120


620
500
040
620
590
160
300
A
A
150
560
690
080

Pos	Part No	SP	UN	Qty	Description	Page No
-						
040	577801-0000	-		1	CANTILEVER	
070	263150-0000	-		1	BRACKET	
080	578683-0000	-		1	PIVOT AXLE	
120	263152-0000	D		1	SHAFT	
130	263153-0000	-		1	NUT	
140	266710-0000	R		1	WHEEL	
150	271912-0000	-		1	SHAFT	
160	578684-0000	-		2	SPRING BRACKET	
300	532016-0000	R		1	SPRING	
500	312105-0374	-		4	SCREW M6S ISO 4017 M6X30 A280	
560	312318-0323	-		2	SET SCREW CUP POINT ISO 4029 M5X8 RFR	
590	312605-0316	-		3	NUT,HEXAGON A280 M6M6	
620	315105-0153	-		6	WASHER,PLAIN ROUND 6,4x12 Stainless	
660	315750-0112	-		1	CIRCLIP SGA15	
690	321101-0202	-		2	FLANGE BUS 16F7X12	
700	321308-0202	J		4	BALL BEARING 15x32x9	

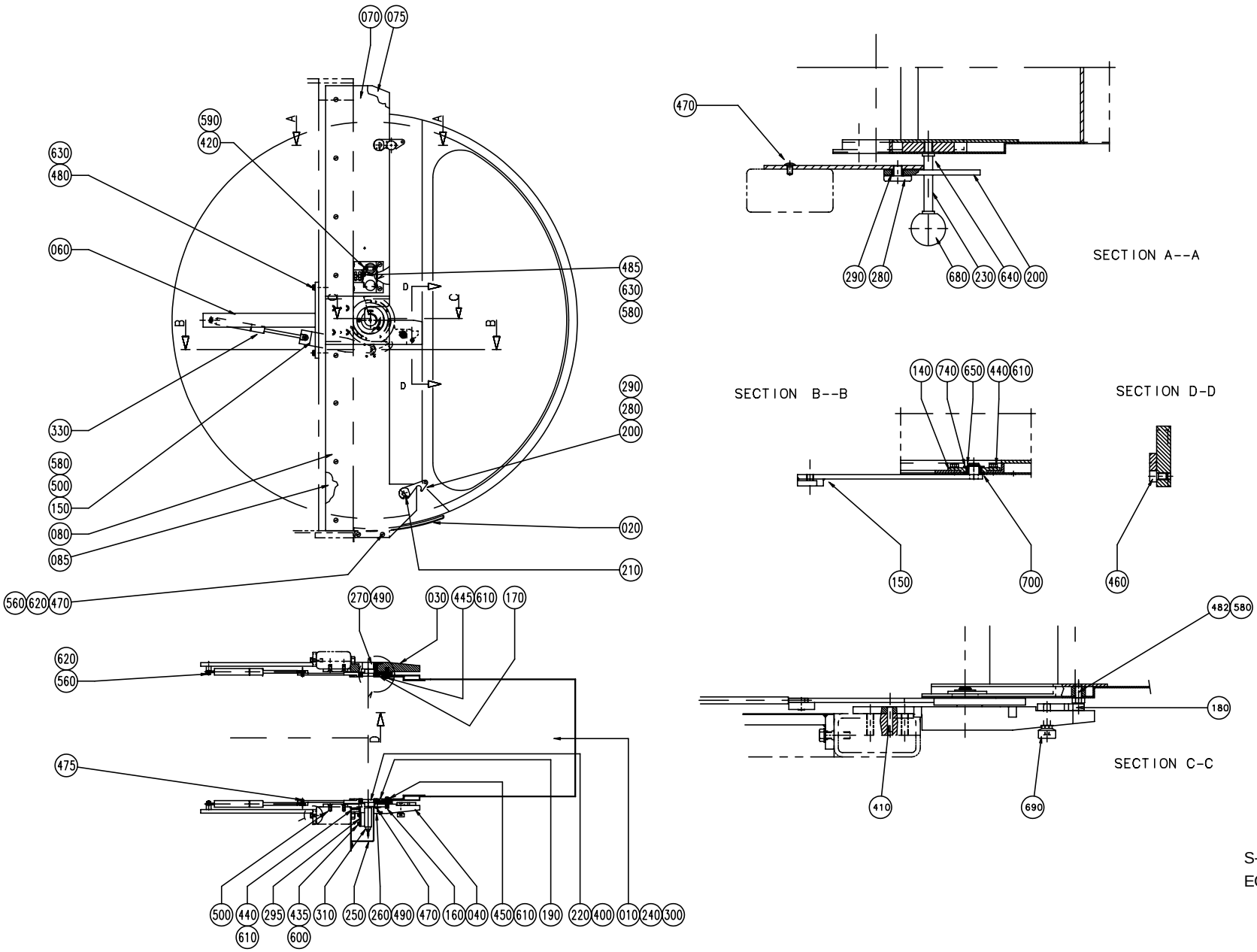
Pos	Part No	SP	UN	Qty	Description	Page No

CONNECTION BOX



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	578701-0000	-		1	APPLIANCE BOX	
070	312115-0372	-		4	SCREW MC6S ISO 4762 M6x25 A280	
080	312125-0364	-		2	SLOTTED HEMCS6X10RFR	
100	352103-0100	-		2	CABLE GLAND STR 9;PR15,2	
110	90002-0004	-		2	BLANK-OFF PLUG 22,5	
120	90002-0009	-		1	BLANK-OFF PLUG 18.6	
130	90002-0013	-		1	BLANK-OFF PLUG 15,2	
150	90152-0051	-	M	3	GLANDS,HOSE 25x18	
170	90012-0072	-		1	GLAND FITTING **	
200	353021-0213	-		4	FEED THROUGH TERMINAL WDU 4 BEGIE	
210	353021-0216	-		9	BY PASS TERMINAL WDU 2,5 Blue	
240	353024-0204	-		2	EARTH TERMINAL WPE 2,5	
260	353024-0205	-		1	EARTH TERMINAL WPE 4	
280	353034-0030	-		2	BRIDGE CONLECK WQV 2,5/10	
300	353042-0005	-	MM	105	RAIL TS 35/7.5	
320	359011-0807	-		2	MARKING PLATES 5-FW 1-50	
340	359011-0819	-		1	MARKING PLATES 5-GW (Earth)	

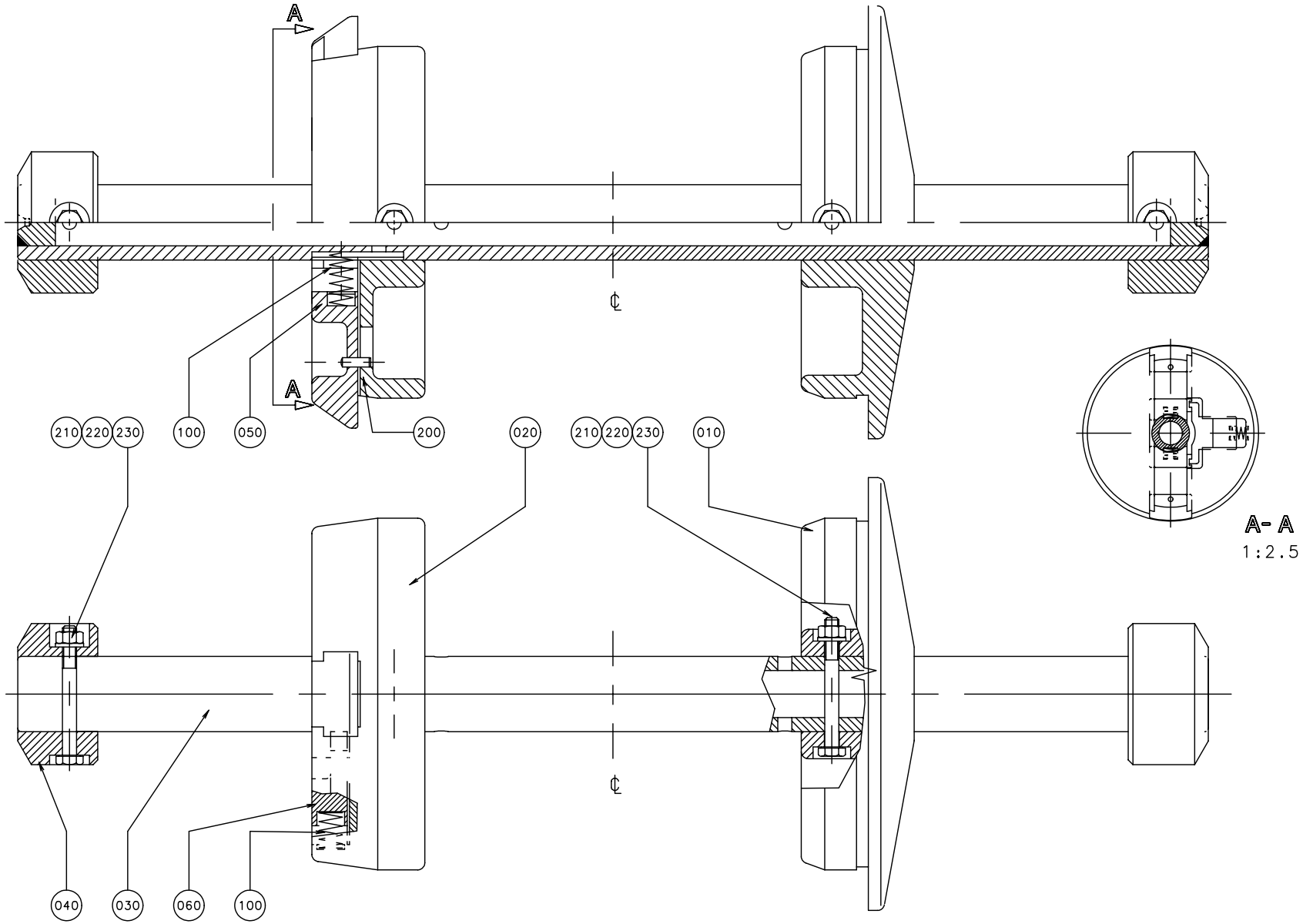
Pos	Part No	SP	UN	Qty	Description	Page No



S-574922-1
ECN 70402

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	577803-0000	-		1	COVER	
020	577804-0000	-		1	PROTECTION	
030	979535-0000	-		1	HOLDER	
040	979348-0000	-		1	HOLDER	
060	577814-0000	-		2	HOLDER	
070	979349-0000	-		1	SHEET	
075	577830-0000	-		1	SHEET	
080	979350-0000	-		1	SHEET	
085	577831-0000	-		1	SHEET	
140	979507-0000	-		2	BEARING FLANGE	
150	979508-0000	-		2	EXTENSION PIECE	
160	979353-0000	-		2	BLOCKING RING	
170	979351-0000	D		1	HOLDER	
180	979536-0000	-		1	CATCH LEVER	
190	979352-0000	-		1	HOLDER	
200	476117-0000	-		2	CATCH	
210	1013-0000	-		2	SHAFT	
220	979354-0000	D		2	SLIDE BELT	
230	440250-0000	D		1	AXLE PIN	
240	440251-0000	D		2	GLASS PANE	
250	979347-0000	-		1	PROTECTION	
260	440252-0000	M		1	SLEEVE	
270	440253-0000	M		1	SLEEVE	
280	440271-0000	D		2	SCREW	
290	457358-0000	D		2	SLEEVE	
295	979343-0000	-		1	BRACKET	
300	90143-0039	-	MM	5200	STRIP	
310	90232-0106	M		1	PH.CELL OMRON E3S-CR11-5M	
330	979542-0000	D		2	DAMPER	
400	311103-0233	-		4	PIN,STRAIGHT 3x10	
410	311103-0357	-		4	PIN,STRAIGHT 6x30	
420	312115-0222	-		2	SCREW MC6S ISO 4762 M3X8 A280	
435	312115-0285	-		2	SCREW S 4X6 A4 80	
440	312105-0323	-		8	SCREW M6S ISO 4017 M5X8 A280	
445	312105-0327	-		12	SCREW M6S ISO 4017 M5X12 A280	
450	312105-0333	-		6	SCREW M6S ISO 4017 M5x25 A280	
460	312115-0447	-		1	SCREW MC6S ISO 4762 M8X12 A280	
470	90287-0075	-		24	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
475	312155-0449	-		2	SCREW MF6S DIN 7991 M8X16 A280	
480	312105-0455	-		4	SCREW M6S ISO 4017 M8x30 A280	
482	312115-0451	-		1	SCREW MC6S ISO 4762 M8x20 A280	
485	312115-0455	-		1	SCREW MC6S ISO 4762 M8X30 A280	
490	312155-0327	-		4	SCREW MF6S DIN 7991 M5x12 A280	
500	312155-0451	-		8	SCREW MF6S8X20RFR	
560	312625-0316	-		6	NUTS,HEXAGON,M6	
580	312625-0318	-		4	NUTS,HEXAGON,M8	
590	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
600	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
610	315105-0146	-		26	WASHER,PLAIN ROUND 5,3x10 Stainless	
620	315105-0153	-		14	WASHER,PLAIN ROUND 6,4x12 Stainless	
630	315105-0165	-		9	WASHER,PLAIN ROUND 8,4x16 Stainless	
640	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
650	315755-0111	-		2	RETAINING RINGS,RADIAL ASSEMBLY 10	
680	318800-0106	-		1	HANDLE,SPHERICAL KNOB,INT.THRE,D.40-M10	
690	318850-0102	-		1	HANDLES,KNOB,INTERNAL THREAD,M5 20X15	
700	321111-0157	-		2	BEARING BUSHING WITH FLANGE, 12/18X8	
740	321129-0104	-		2	THRUST WASHER 12/24X1,5	

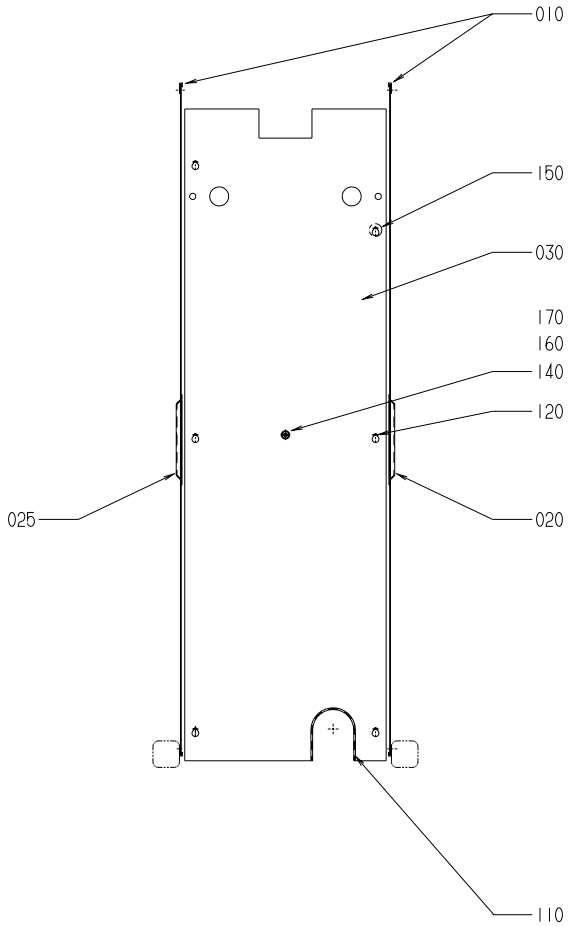
PAPER REEL HOLDER,JUMBO REEL

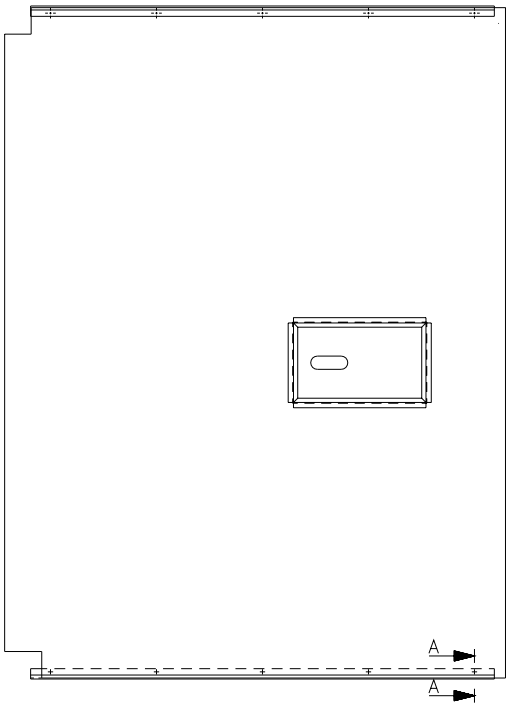


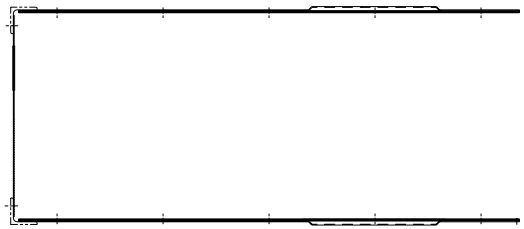
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979384-0000	-		1	SLEEVE	
020	979385-0000	-		1	SLEEVE	
030	979382-0000	-		1	SHAFT	
040	440259-0000	D		2	RETAINING RING	
050	979383-0000	D		2	PLUNGER	
060	272728-0000	D		1	BARRIER	
100	90335-0025	D		3	SPRING BARNES 22010	
200	311103-0268	-		2	PIN,STRAIGHT 4x12	
210	312101-0381	-		4	SCREW M6S 6x55 FZB	
220	312812-0316	-		4	NUT,HEXAGON,LOCK,WITH NYLON INSERT,M6	
230	315101-0153	-		4	WASHER BRB 6,4x12 FZB	

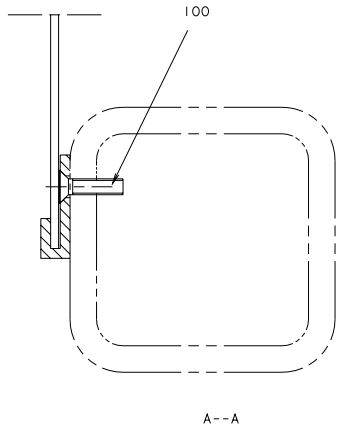
Pos	Part No	SP	UN	Qty	Description	Page No

COVERING PLATE



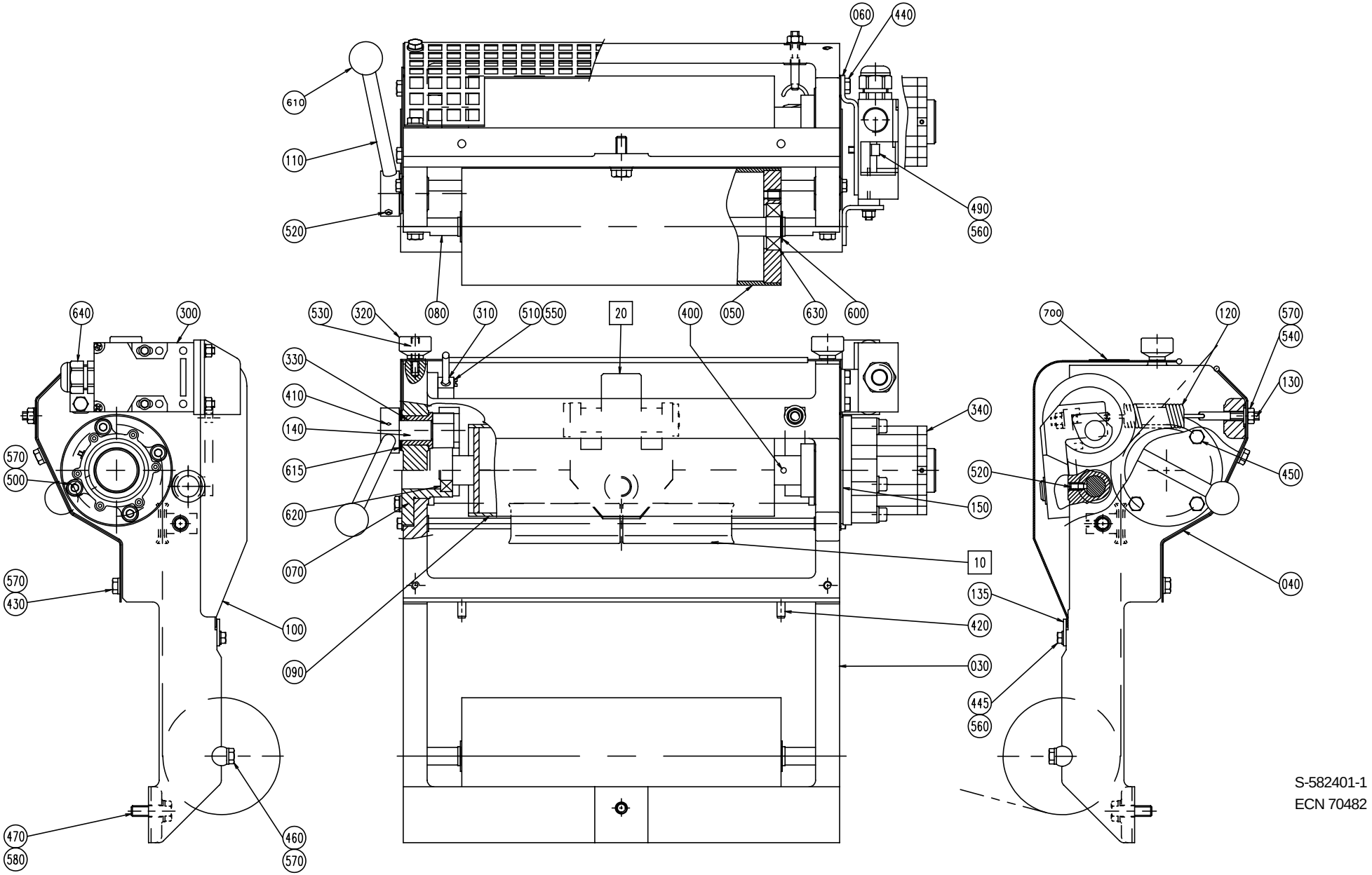






Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	577816-0000	-		4	RIM	
020	979715-0000	-		1	PLATE	
025	979716-0000	-		1	PLATE	
030	577818-0000	-		1	SHEET	
100	90287-0071	-		20	SCREW, COUNTERSUNK,MF6S DIN7991, M3x12 A	
110	90143-0054	-	MM	270	STRIP	
120	90287-0075	-		4	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
140	312115-0447	-		1	SCREW MC6S ISO 4762 M8X12 A280	
150	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
160	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
170	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No


060
440
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110
520
490
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640
300
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510
550
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400
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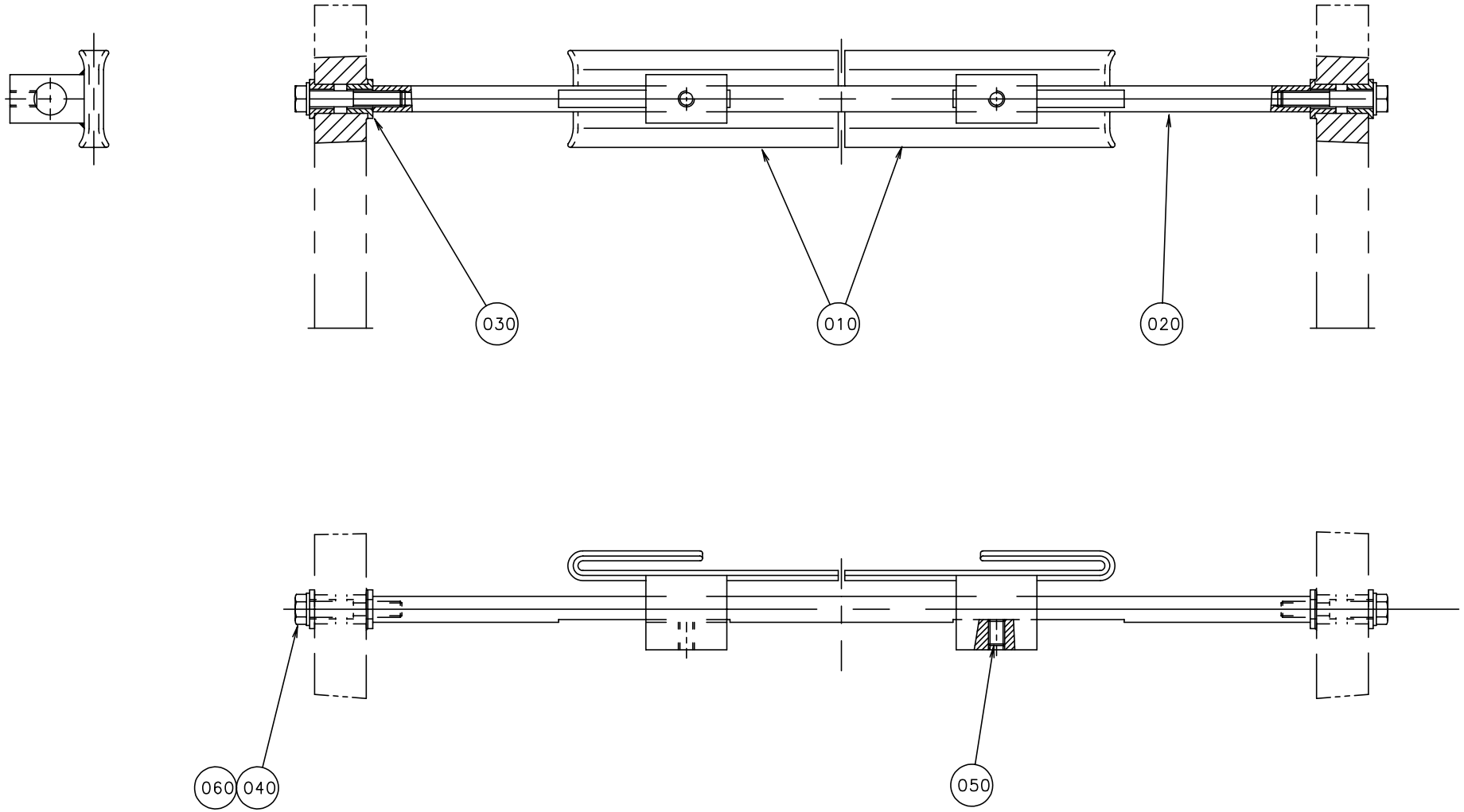
700
120
570
540
130
330
410
140
615
620
070
340
520
150
10
135
420
030
445
560
450
040
570
500
570
430
100
090
470
580
460
570
S-582401-1
ECN 70482

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 979619-0100	-		1	PAPER GUIDE	**494**
F020	A 979622-0100	-		1	PAPER GUIDE PLATE	**496**
030	583706-0000	-		1	FRAME	
040	583711-0000	-		1	TOUCH GUARD	
050	574932-0000	-		1	BENDING ROLLER	
060	583712-0000	-		1	HOLDER	
070	979608-0000	-		2	FLANGE	
080	979611-0000	-		1	SHAFT	
090	979613-0000	-		1	ROLL	
100	979620-0000	-		1	TOUCH GUARD	
110	979623-0000	-		1	ARM	
120	532016-0000	M		1	SPRING	
130	583713-0000	-		2	SPRING BRACKET	
135	583714-0000	-		2	WASHER	
140	979614-0000	-		1	SHAFT	
150	979621-0000	R		1	SHIM	
300	90044-0139	J		1	KEY SAFETY SWITCH AZ-16-02 ZVRK-2254	
305	90044-0310	J		1	KEY FOR SAFETY SWITCH -103	
310	90044-0194	J		1	Prox.Switch IFM IN5329/IN3002-BPKG	
320	90051-0047	-		2	HANDLES,KNOB,INTERNAL THREAD,M6 32X23	
330	321105-0194	-		1	BUSHING 15F7X22X20	
340	90347-0054	R		1	DAMPER	
400	311103-0273	-		1	PIN,STRAIGHT M6 4x22 RFR	
410	311103-0277	-		1	PIN,STRAIGHT CP M6 4x32 RFR	
420	311103-0357	-		2	PIN,STRAIGHT 6x30	
430	312105-0362	-		4	SCREW M6S ISO 4017 M6x8 A280	
440	312105-0364	-		2	SCREW M6S 6x10 A280	
445	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A280	
450	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
460	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
470	312105-0453	-		1	SCREW M6S ISO 4017 M8x25 A280	
480	312105-0495	-		1	SCREW M6S ISO 4017 M10X30 A280	
490	312115-0329	-		2	SCREW MC6S ISO 4762 M5x16 A280	
500	312115-0376	-		4	SCREW MC6S ISO 4762 M6x35 A280	
510	312125-0228	-		2	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	
520	312318-0327	-		2	SET SCREW CUP POINT ISO 4029 M5X12 RFR	
530	312318-0372	-		2	SET SCREW CUP POINT ISO 4029 M6x25 RFR	
540	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
550	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
560	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
570	315105-0153	-		12	WASHER,PLAIN ROUND 6,4x12 Stainless	
580	315105-0165	-		1	WASHER,PLAIN ROUND 8,4x16 Stainless	
590	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
600	315751-0112	-		2	RETAINING RINGS FOR SHAFT 15	
610	318800-0103	-		1	HANDLES,SPHERICAL KNOB,INT.THRE.,D.25-M6	
615	321129-0117	-		1	THRUST WASHER 16/30X1,5	
620	321308-0202	I		2	BALL BEARING 15x32x9	
630	321313-0102	I		2	BALL BEARING 15x35x11	
640	352103-0105	-		1	CABLE GLAND STR 11;PR 18,6;PG11	
700	359705-0005	-		1	WARNING SIGN "MOVING PART"	

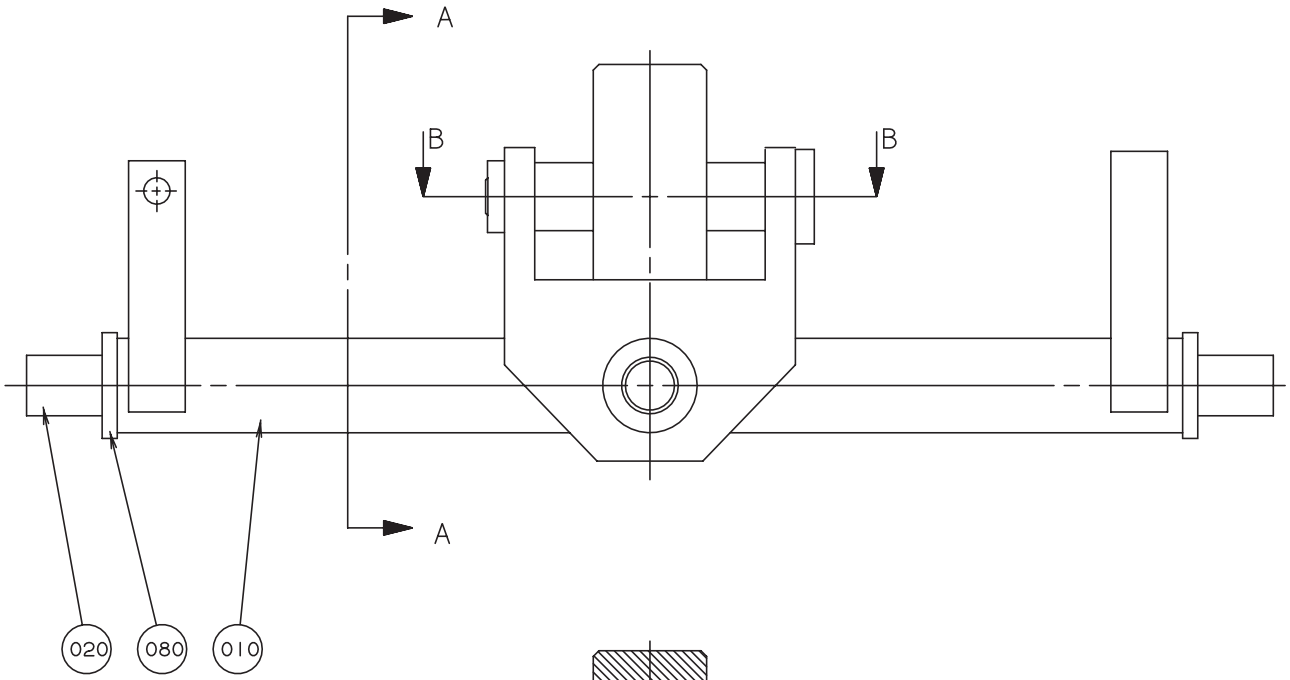


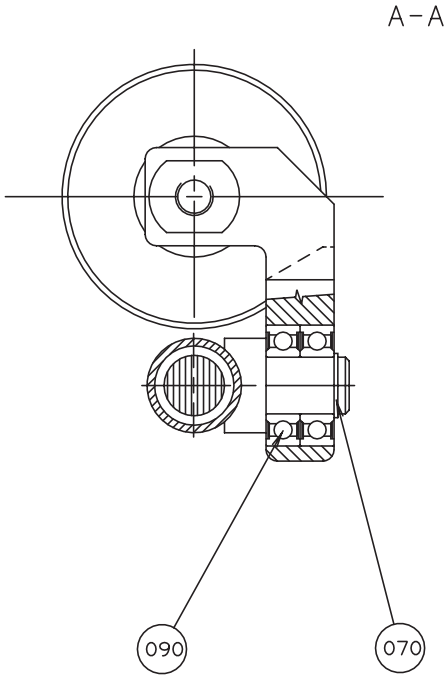
S-979619-1
ECN 70482

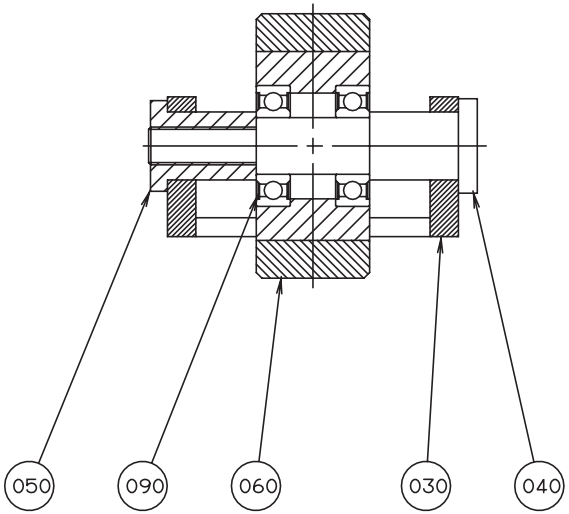
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979680-0000	-		2	GUIDE	
020	979618-0000	-		1	SHAFT	
030	90240-0185	-		4	BEARING BUSHING WITH FLANGE,6/9X8	
040	312105-0335	-		2	SCREW M6S ISO 4017 M5x30 A280	
050	312318-0323	-		2	SET SCREW CUP POINT ISO 4029 M5X8 RFR	
060	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

PAPER GUIDE PLATE





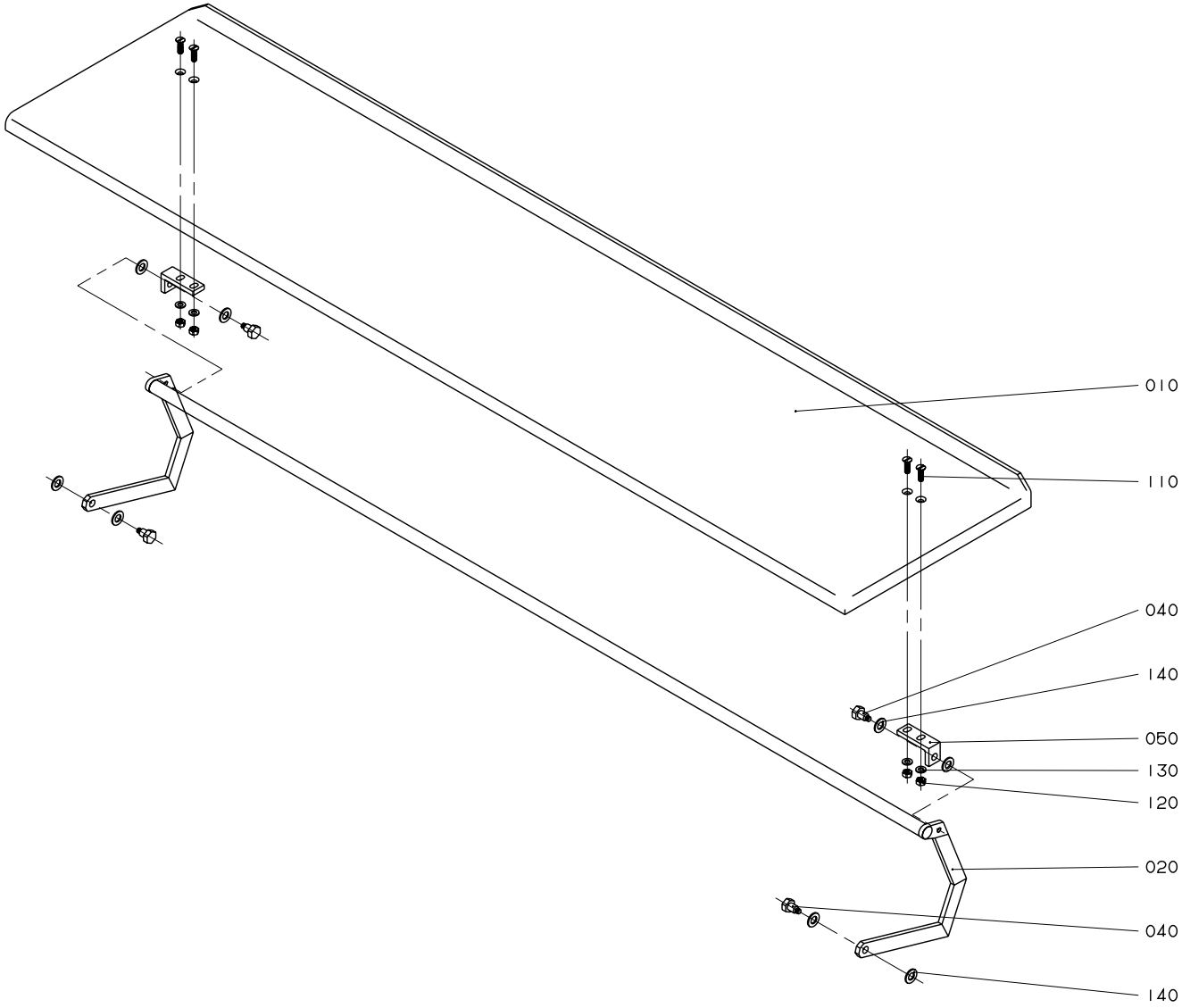


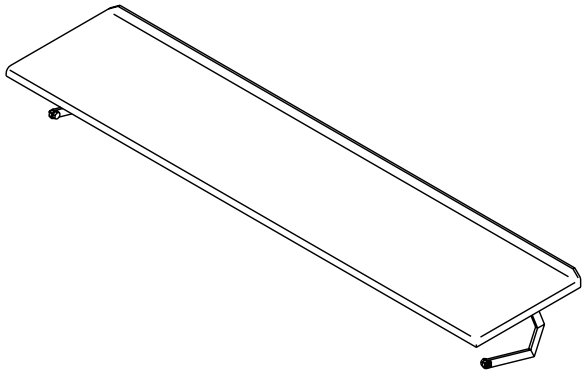
B-B

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979615-0000	-		1	PIVOT BRACKET	
020	979616-0000	-		1	SHAFT	
030	263150-0000	-		1	BRACKET	
040	263152-0000	D		1	SHAFT	
050	263153-0000	-		1	NUT	
060	266710-0000	M		1	WHEEL	
070	315750-0112	-		1	CIRCLIP SGA15	
080	321101-0202	-		2	FLANGE BUS 16F7X12	
090	321308-0202	J		4	BALL BEARING 15x32x9	

Pos	Part No	SP	UN	Qty	Description	Page No

LID



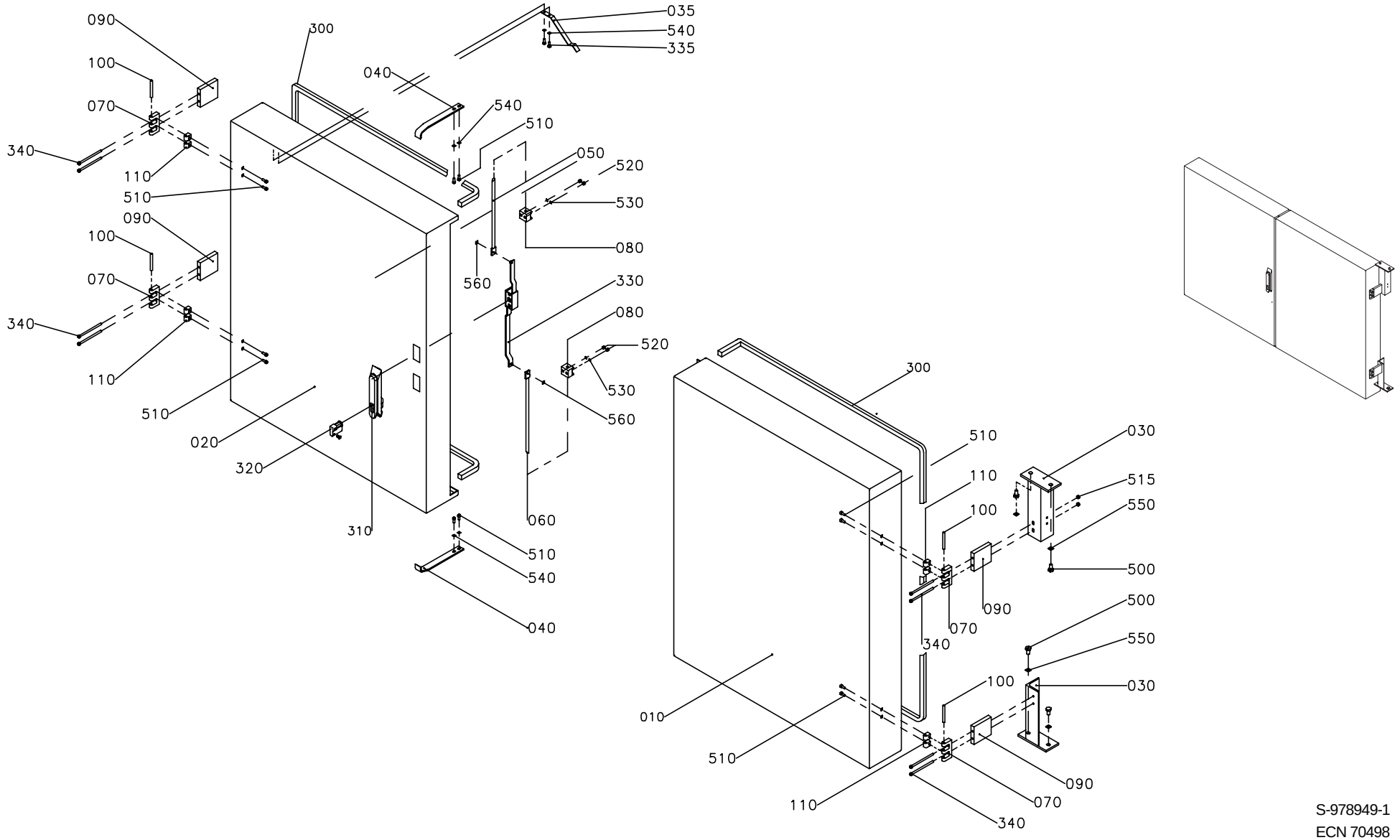


S-257146-3
ECN 20483

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979096-0000	-		1	LID	
020	979097-0000	-		1	ARM	
040	256150-0000	-		4	SCREW	
050	272552-0000	-		2	BRACKET	
110	312145-0453	-		4	SLOTTED HEMFS8X25RFR	
120	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
130	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
140	90005-0126	-		8	WASHER,Plain round 13x24; H=2 M12	

Pos	Part No	SP	UN	Qty	Description	Page No

DOORS LEFT SIDE

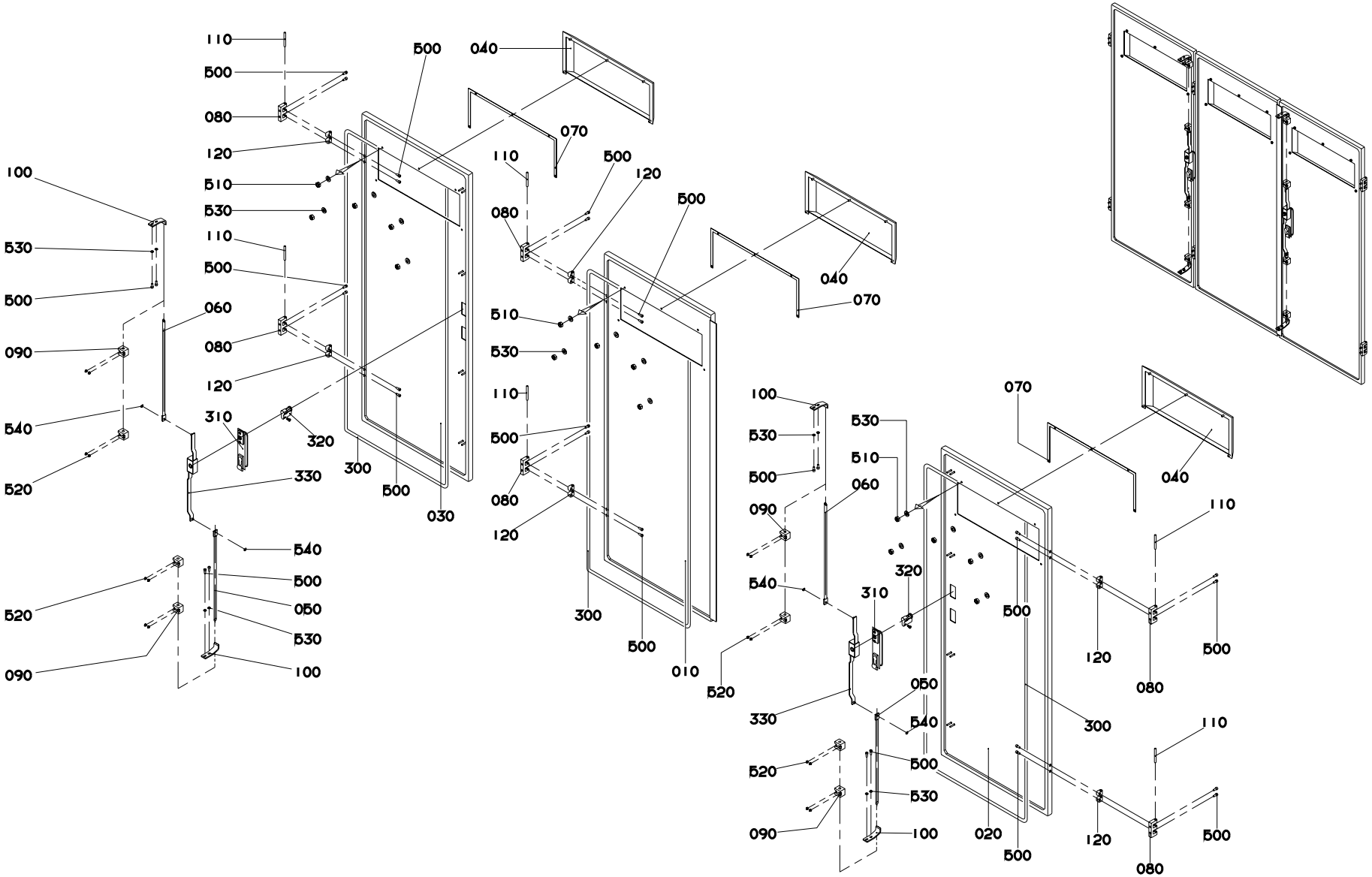


S-978949-1
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979056-0000	-		1	DOOR	
020	979057-0000	-		1	DOOR	
030	979058-0000	-		2	HOLDER	
035	295247-0000	-		1	LEAF SPRING	
040	979067-0000	-		2	CANTILEVER	
050	979068-0001	-		1	LOCKING ARM	
060	979068-0002	-		1	LOCKING ARM	
070	1035792-0000	D		4	E-HINGE	
080	1036226-0000	D		2	GUIDE LUG	
090	979059-0000	-		4	SPACER	
100	988685-0000	D		4	PIN	
110	1035794-0000	D		8	BLOCKING PIECE	
300	90143-0068	-	M	6	RUBBERSTRIP EMKA 1011-06	
310	90237-0126	-		1	TURNING HANDLE	
320	90237-0128	-		1	LOCK CYLINDER	
330	90237-0153	-		1	LOCK HOUSING	
335	90287-0134	-		2	SCREW, POZIE,RXS B10x13 A4	
340	90287-0212	-		8	SCREW, MC6S DIN912, M5x85 12,9	
500	312105-0449	-		4	SCREW M6S ISO 4017 M8x16 A280	
510	312115-0327	-		12	SCREW MC6S ISO 4762 M5X12 A280	
515	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
520	312705-0312	-		4	NUT,DOMED CAP,HEXAGON,M4	
530	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
540	315105-0146	-		6	WASHER,PLAIN ROUND 5,3x10 Stainless	
550	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
560	315755-0107	-		2	RETAINING RINGS,RADIAL ASSEMBLY 5	

Pos	Part No	SP	UN	Qty	Description	Page No

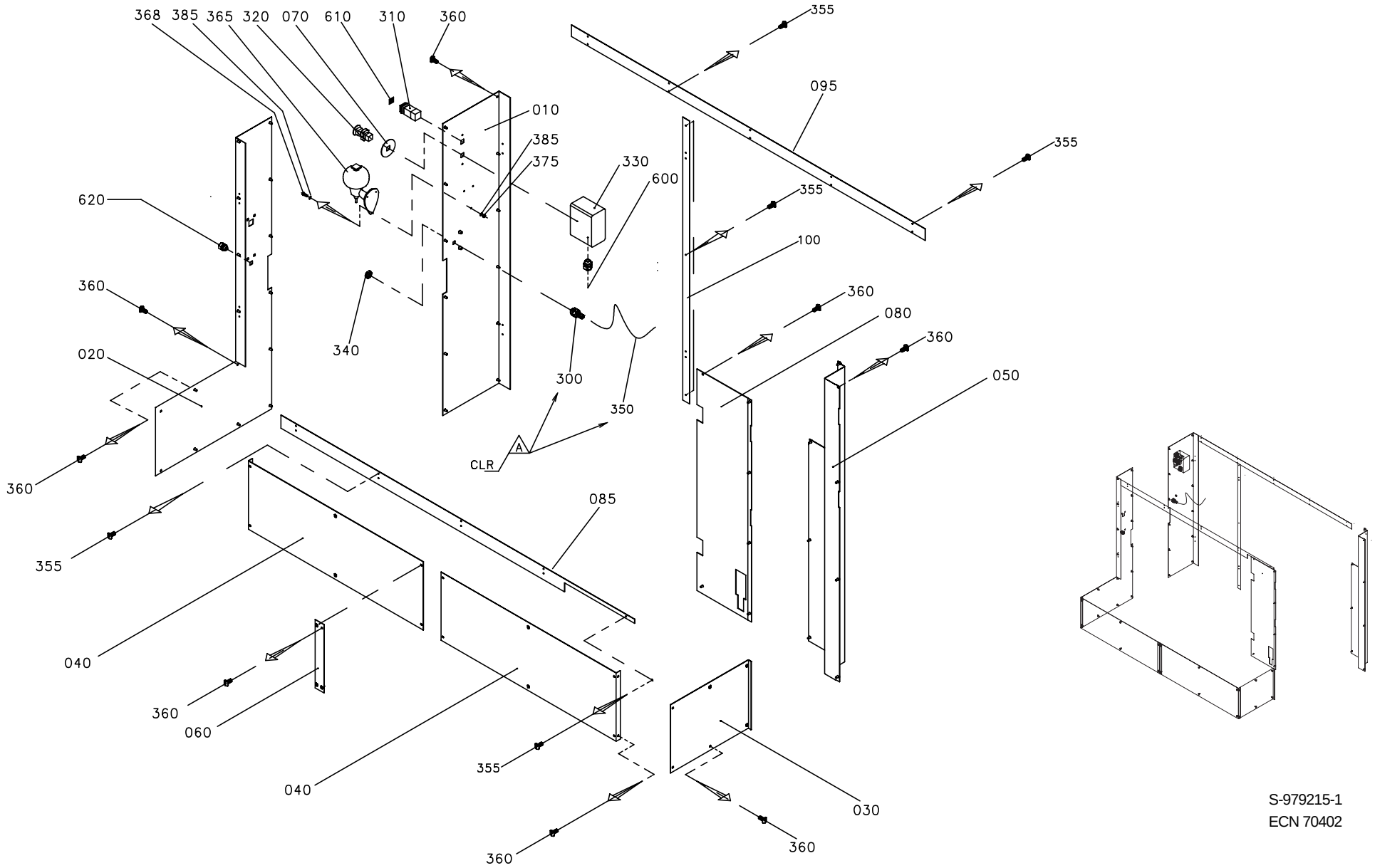
DOORS RIGHT SIDE



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979129-0000	-		1	DOOR	
020	979130-0000	-		1	DOOR	
030	979131-0000	-		1	DOOR	
040	979207-0000	-		3	COVER	
050	979068-0003	-		2	LOCKING ARM	
060	979068-0004	-		2	LOCKING ARM	
070	979206-0000	-		3	GASKET	
080	1035792-0000	D		6	E-HINGE	
090	1036226-0000	D		8	GUIDE LUG	
100	1036227-0000	-		4	BRACKET	
110	988685-0000	D		6	PIN	
120	1035794-0000	D		12	BLOCKING PIECE	
300	90143-0089	-	M	11	RUBBER STRIP	
310	90237-0126	-		2	TURNING HANDLE	
320	90237-0128	-		2	LOCK CYLINDER	
330	90237-0153	-		2	LOCK HOUSING	
500	312115-0327	-		32	SCREW MC6S ISO 4762 M5X12 A280	
510	312605-0314	-		15	NUT,HEXAGON,M6M5 Stainless	
520	312705-0312	-		16	NUT,DOMED CAP,HEXAGON,M4	
530	315105-0146	-		23	WASHER,PLAIN ROUND 5,3x10 Stainless	
540	315755-0107	-		4	RETAINING RINGS,RADIAL ASSEMBLY 5	

Pos	Part No	SP	UN	Qty	Description	Page No

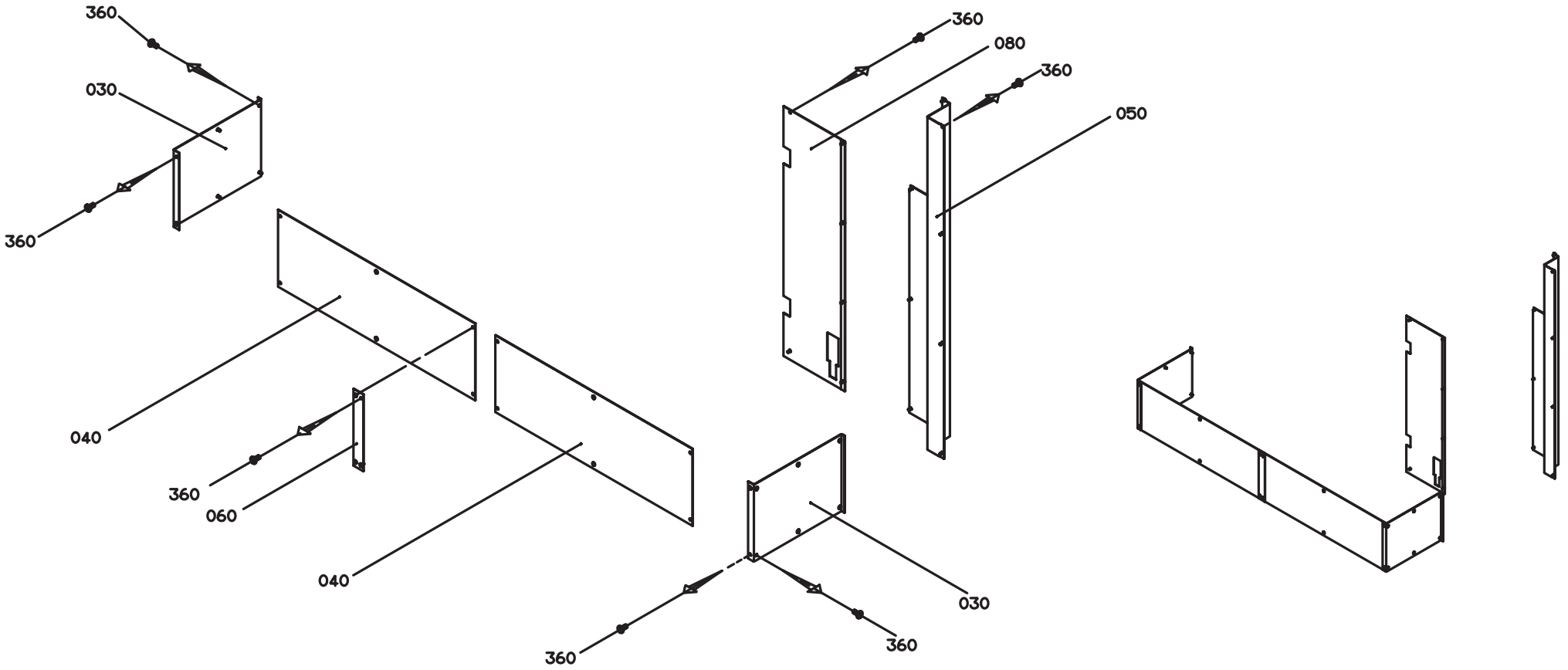
COVER PLATE



S-979215-1
ECN 70402

Pos	Part No	SP	UN	Qty	Description	Page No
ASU						
030	979186-0000	-		2	PLATE	
350	90152-0058	-	MM	1500	HOSE	
360	90287-0075	-		40	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
NOASU						
010	979184-0000	-		1	PLATE	
020	979185-0000	-		1	PLATE	
030	979186-0000	-		1	PLATE	
070	486826-0001	-		1	SIGN "EMERGENCY STOP"	
300	353243-0001	-		1	GLAND,HOSE,EXTENDED,WITHOUT INSERT PG9	
300	353249-0008	-		1	GLAND,INSERT,SINGLE HOLE,EXTEND.4-6,5	
310	90064-0085	R		1	PUSH BUTTON RED	
320	90064-0124	R		1	SWITCH,EMERGENCY STOP	
330	90066-0020	-		1	PUSCH BUTTON BOX	
340	90099-0104	-		1	NUT PR 15,2 (PG9)	
350	90152-0058	-	M	2	GLANDS,HOSE 15x9	
360-03	90287-0075	-		62	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
365	90243-0133	-		1	CONTAINER	
368	312105-0293	-		3	SCREW M6S ISO 4017 M4X16 A280	
375	312605-0312	-		3	NUT,HEXAGON,M4 RFR	
385	315105-0136	-		6	WASHER,PLAIN ROUND 4,3x8 Stainless	
600	352103-0110	-		1	CABLE GLAND STR 16	
610	359301-0110	-		1	SIGN "SHORT STOP"	
620	352103-0106	-		1	CABLE GLAND ST 11	
ASUSEPROOM						
005	582842-0000	-		1	SHEET	
030	979186-0000	-		1	PLATE	
070	486826-0001	-		1	SIGN "EMERGENCY STOP"	
090	297959-0000	-		2	FLANGE	
310	90064-0085	R		1	PUSH BUTTON RED	
320	90064-0124	R		1	SWITCH,EMERGENCY STOP	
330	90066-0020	-		1	PUSCH BUTTON BOX	
360-02	90287-0075	-		54	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
370	312105-0366	-		8	SCREW M6S ISO 4017 M6x12 A280	
380	312605-0316	-		8	NUT,HEXAGON A280 M6M6	
390	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
400	352131-0107	-		2	MUFF 37	
600	352103-0110	-		1	CABLE GLAND STR 16	
610	359301-0110	-		1	SIGN "SHORT STOP"	
Common parts						
030	979186-0000	-		2	PLATE	
360	90287-0075	-		40	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
040	979187-0000	-		2	PLATE	
050	979188-0000	-		1	PLATE	
060	979190-0000	-		1	PLATE	
080	979060-0000	-		1	PLATE	
085	1260653-0000	-		1	STRIP	
095	1260654-0000	-		1	STRIP	
100	1260742-0000	-		1	STRIP	
355	90287-0074	-		22	SCREW, PAN HEAD,LKCS ISO1580, M4x12	

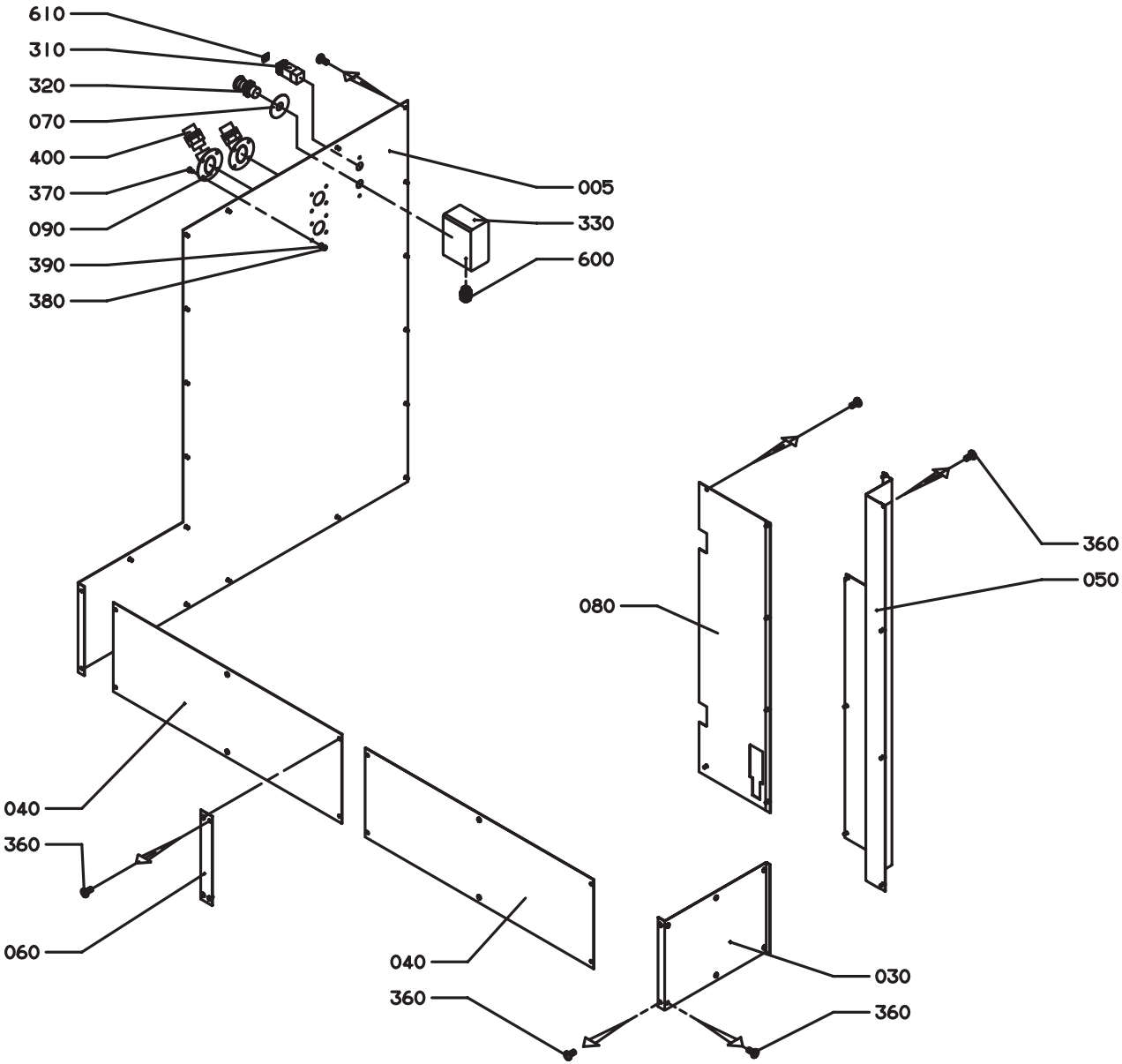
COVER PLATE

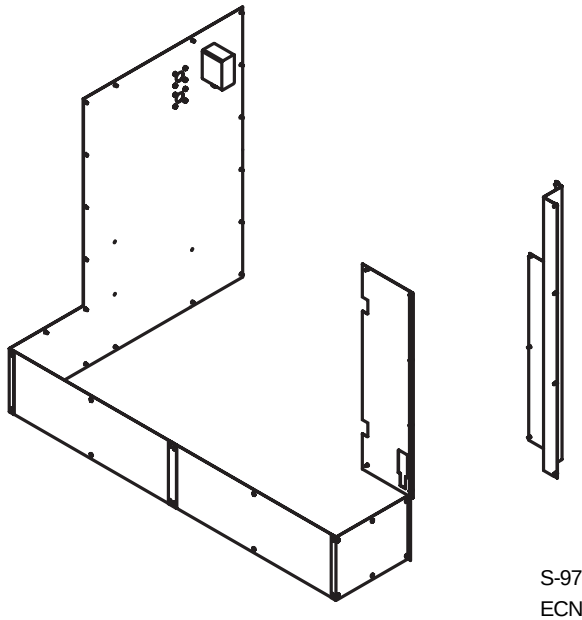


S-979215-2
ECN 70402

Pos	Part No	SP	UN	Qty	Description	Page No
ASU						
030	979186-0000	-		2	PLATE	
350	90152-0058	-	MM	1500	HOSE	
360	90287-0075	-		40	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
NOASU						
010	979184-0000	-		1	PLATE	
020	979185-0000	-		1	PLATE	
030	979186-0000	-		1	PLATE	
070	486826-0001	-		1	SIGN "EMERGENCY STOP"	
300	353243-0001	-		1	GLAND,HOSE,EXTENDED,WITHOUT INSERT PG9	
300	353249-0008	-		1	GLAND,INSERT,SINGLE HOLE,EXTEND.4-6,5	
310	90064-0085	R		1	PUSH BUTTON RED	
320	90064-0124	R		1	SWITCH,EMERGENCY STOP	
330	90066-0020	-		1	PUSCH BUTTON BOX	
340	90099-0104	-		1	NUT PR 15,2 (PG9)	
350	90152-0058	-	M	2	GLANDS,HOSE 15x9	
360-03	90287-0075	-		62	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
365	90243-0133	-		1	CONTAINER	
368	312105-0293	-		3	SCREW M6S ISO 4017 M4X16 A280	
375	312605-0312	-		3	NUT,HEXAGON,M4 RFR	
385	315105-0136	-		6	WASHER,PLAIN ROUND 4,3x8 Stainless	
600	352103-0110	-		1	CABLE GLAND STR 16	
610	359301-0110	-		1	SIGN "SHORT STOP"	
620	352103-0106	-		1	CABLE GLAND ST 11	
ASUSEPROOM						
005	582842-0000	-		1	SHEET	
030	979186-0000	-		1	PLATE	
070	486826-0001	-		1	SIGN "EMERGENCY STOP"	
090	297959-0000	-		2	FLANGE	
310	90064-0085	R		1	PUSH BUTTON RED	
320	90064-0124	R		1	SWITCH,EMERGENCY STOP	
330	90066-0020	-		1	PUSCH BUTTON BOX	
360-02	90287-0075	-		54	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
370	312105-0366	-		8	SCREW M6S ISO 4017 M6x12 A280	
380	312605-0316	-		8	NUT,HEXAGON A280 M6M6	
390	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
400	352131-0107	-		2	MUFF 37	
600	352103-0110	-		1	CABLE GLAND STR 16	
610	359301-0110	-		1	SIGN "SHORT STOP"	
Common parts						
030	979186-0000	-		2	PLATE	
360	90287-0075	-		40	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
040	979187-0000	-		2	PLATE	
050	979188-0000	-		1	PLATE	
060	979190-0000	-		1	PLATE	
080	979060-0000	-		1	PLATE	
085	1260653-0000	-		1	STRIP	
095	1260654-0000	-		1	STRIP	
100	1260742-0000	-		1	STRIP	
355	90287-0074	-		22	SCREW, PAN HEAD,LKCS ISO1580, M4x12	

COVER PLATE

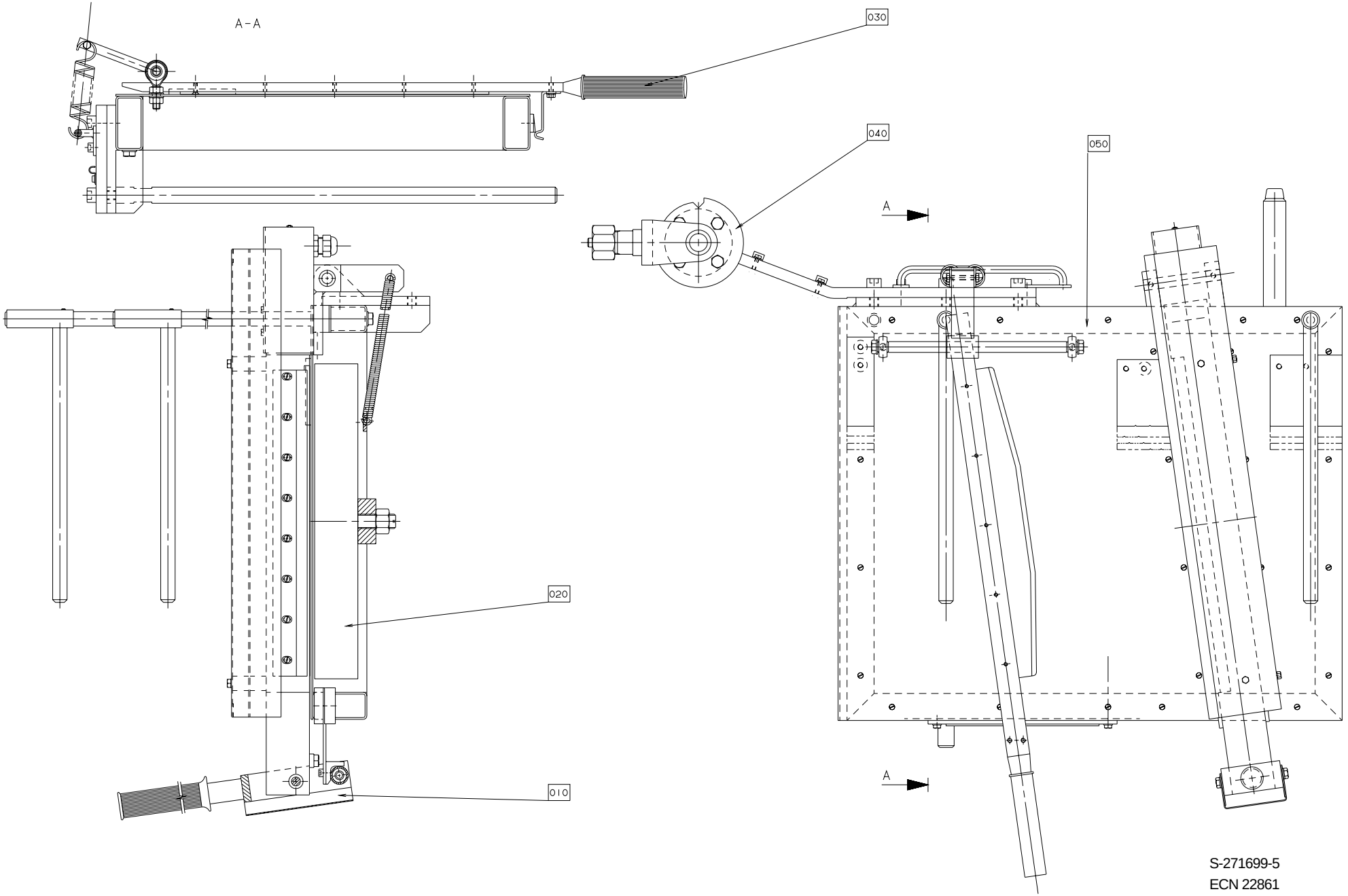




S-979215-3
ECN 70402

Pos	Part No	SP	UN	Qty	Description	Page No
ASU						
030	979186-0000	-		2	PLATE	
350	90152-0058	-	MM	1500	HOSE	
360	90287-0075	-		40	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
NOASU						
010	979184-0000	-		1	PLATE	
020	979185-0000	-		1	PLATE	
030	979186-0000	-		1	PLATE	
070	486826-0001	-		1	SIGN "EMERGENCY STOP"	
300	353243-0001	-		1	GLAND,HOSE,EXTENDED,WITHOUT INSERT PG9	
300	353249-0008	-		1	GLAND,INSERT,SINGLE HOLE,EXTEND.4-6,5	
310	90064-0085	R		1	PUSH BUTTON RED	
320	90064-0124	R		1	SWITCH,EMERGENCY STOP	
330	90066-0020	-		1	PUSCH BUTTON BOX	
340	90099-0104	-		1	NUT PR 15,2 (PG9)	
350	90152-0058	-	M	2	GLANDS,HOSE 15x9	
360-03	90287-0075	-		62	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
365	90243-0133	-		1	CONTAINER	
368	312105-0293	-		3	SCREW M6S ISO 4017 M4X16 A280	
375	312605-0312	-		3	NUT,HEXAGON,M4 RFR	
385	315105-0136	-		6	WASHER,PLAIN ROUND 4,3x8 Stainless	
600	352103-0110	-		1	CABLE GLAND STR 16	
610	359301-0110	-		1	SIGN "SHORT STOP"	
620	352103-0106	-		1	CABLE GLAND ST 11	
ASUSEPROOM						
005	582842-0000	-		1	SHEET	
030	979186-0000	-		1	PLATE	
070	486826-0001	-		1	SIGN "EMERGENCY STOP"	
090	297959-0000	-		2	FLANGE	
310	90064-0085	R		1	PUSH BUTTON RED	
320	90064-0124	R		1	SWITCH,EMERGENCY STOP	
330	90066-0020	-		1	PUSCH BUTTON BOX	
360-02	90287-0075	-		54	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
370	312105-0366	-		8	SCREW M6S ISO 4017 M6x12 A280	
380	312605-0316	-		8	NUT,HEXAGON A280 M6M6	
390	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
400	352131-0107	-		2	MUFF 37	
600	352103-0110	-		1	CABLE GLAND STR 16	
610	359301-0110	-		1	SIGN "SHORT STOP"	
Common parts						
030	979186-0000	-		2	PLATE	
360	90287-0075	-		40	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
040	979187-0000	-		2	PLATE	
050	979188-0000	-		1	PLATE	
060	979190-0000	-		1	PLATE	
080	979060-0000	-		1	PLATE	
085	1260653-0000	-		1	STRIP	
095	1260654-0000	-		1	STRIP	
100	1260742-0000	-		1	STRIP	
355	90287-0074	-		22	SCREW, PAN HEAD,LKCS ISO1580, M4x12	

SPLICING DEVICE

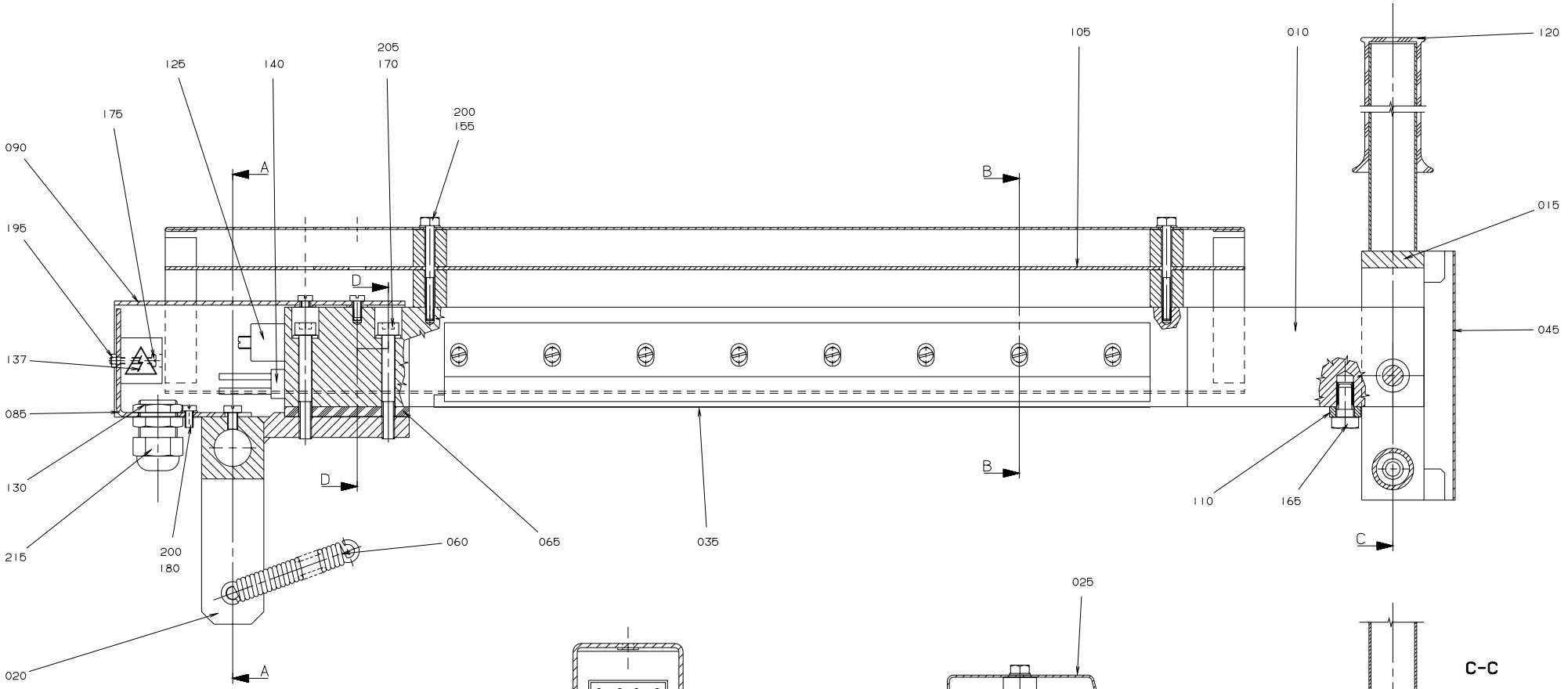


S-271699-5
ECN 22861

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 37877-0300	-		1	HEATING BLOCK	**512**
F020	A 37894-0100	-		1	COUNTER RAIL	**514**
F030	A 450101-0200	-		1	TEARING DEVICE	**516**
F040	A 271626-0300	-		1	SUSPENSION ARM	**518**
F050	A 271641-0400	-		1	SPLICING TABLE	**520**

Pos	Part No	SP	UN	Qty	Description	Page No

HEATING BLOCK

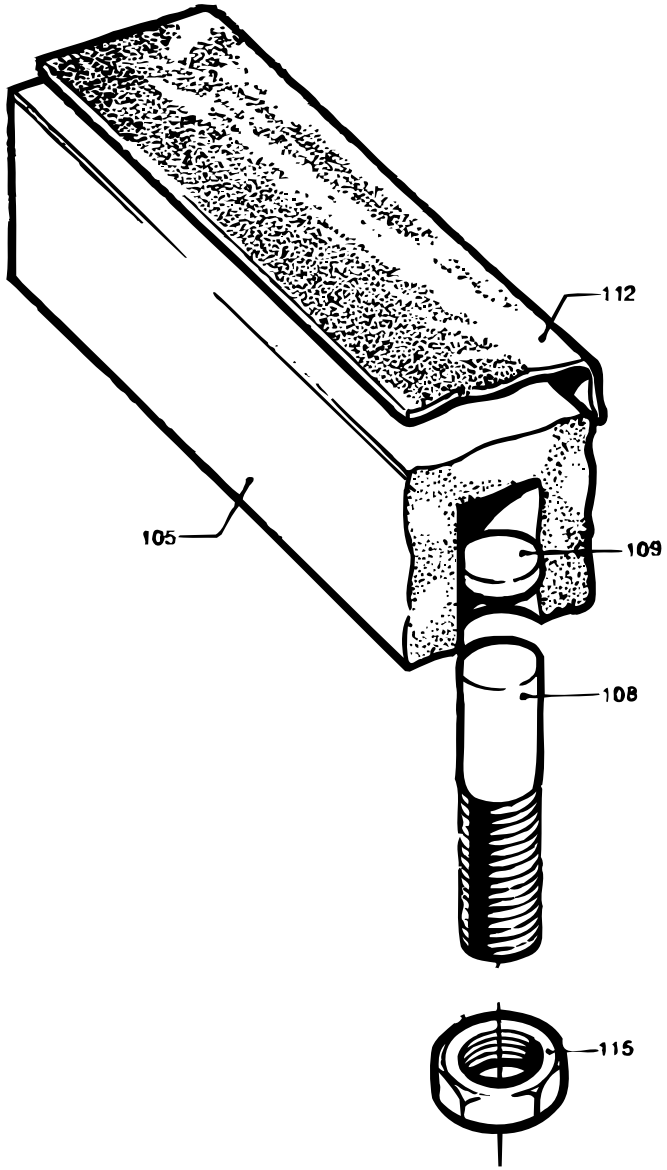


S-37877-2
ECN 20483

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	255301-0000	D		1	HEATING RAIL	
015	37879-0000	-		1	LOCKING ARM	
020	37880-0000	-		1	HINGE	
025	243132-0000	D		1	PROTECTION PLATE	
030	31017-0000	M		1	KNIFE	
035	31723-0000	F		1	TEFLON STRIP	
040	31724-0000	-		1	LOCK BAR	
045	37882-0000	D		1	PROTECTION PLATE	
050	37883-0000	-		1	LOCK BAR	
055	37884-0000	D		1	SHAFT	
060	37885-0000	R		2	TENSION SPRING	
065	37886-0000	D		1	INSULATING DISK	
070	37888-0000	D		1	ROLL	
075	37889-0000	D		2	SHAFT	
080	37890-0000	D		4	FLANGE ROLLER	
085	37892-0000	D		1	CONNECTION BOX	
090	37893-0000	-		1	LID	
095	208173-0000	D		1	SHAFT	
100	229775-0000	D		6	SPACER	
105	243133-0000	D		1	SHIELD PLATE	
110	245221-0000	-		1	STOP	
120	90017-0001	D		1	BIKE-HANDLE,RUBBER	
125	90059-0001	M		1	THERMOSTAT	
130	90099-0002	-		1	NUT Pr 18,6 Brass	
135	90077-0102	-		1	TERMINAL BK4 KRG 4-POLE	
137	90194-0016	-		1	SIGN "FLASH SIGN" 50X50MM	
140	90206-0053	M		1	HEATING ELEMENT 230V 1200W	
150	312105-0297	-		2	SCREW M6S ISO 4014 M4X25 A280	
155	312105-0304	-		2	SCREW 6S4X45 A2 80	
157	312105-0323	-		2	SCREW M6S ISO 4017 M5X8 A280	
160	312105-0364	-		4	SCREW M6S 6x10 A280	
165	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
170	312115-0380	-		4	SCREW MC6S ISO 4762 M6X50 A280	
175	312125-0230	-		2	SLOTTED CHEESE HEAD ISO 1207 M3X20 RFR	
180	312125-0287	-		19	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
190	312318-0287	-		2	SET SCREW CUP POINT ISO 4029 M4X8 RFR	
195	312605-0310	-		2	NUT,HEXAGON,M6M3 RFR	
200	315105-0136	-		5	WASHER,PLAIN ROUND 4,3x8 Stainless	
205	315105-0153	-		8	WASHER,PLAIN ROUND 6,4x12 Stainless	
210	321101-0173	-		2	FLANGE BUS 12F7x12	
215	352103-0106	-		1	CABLE GLAND ST 11	

Pos	Part No	SP	UN	Qty	Description	Page No

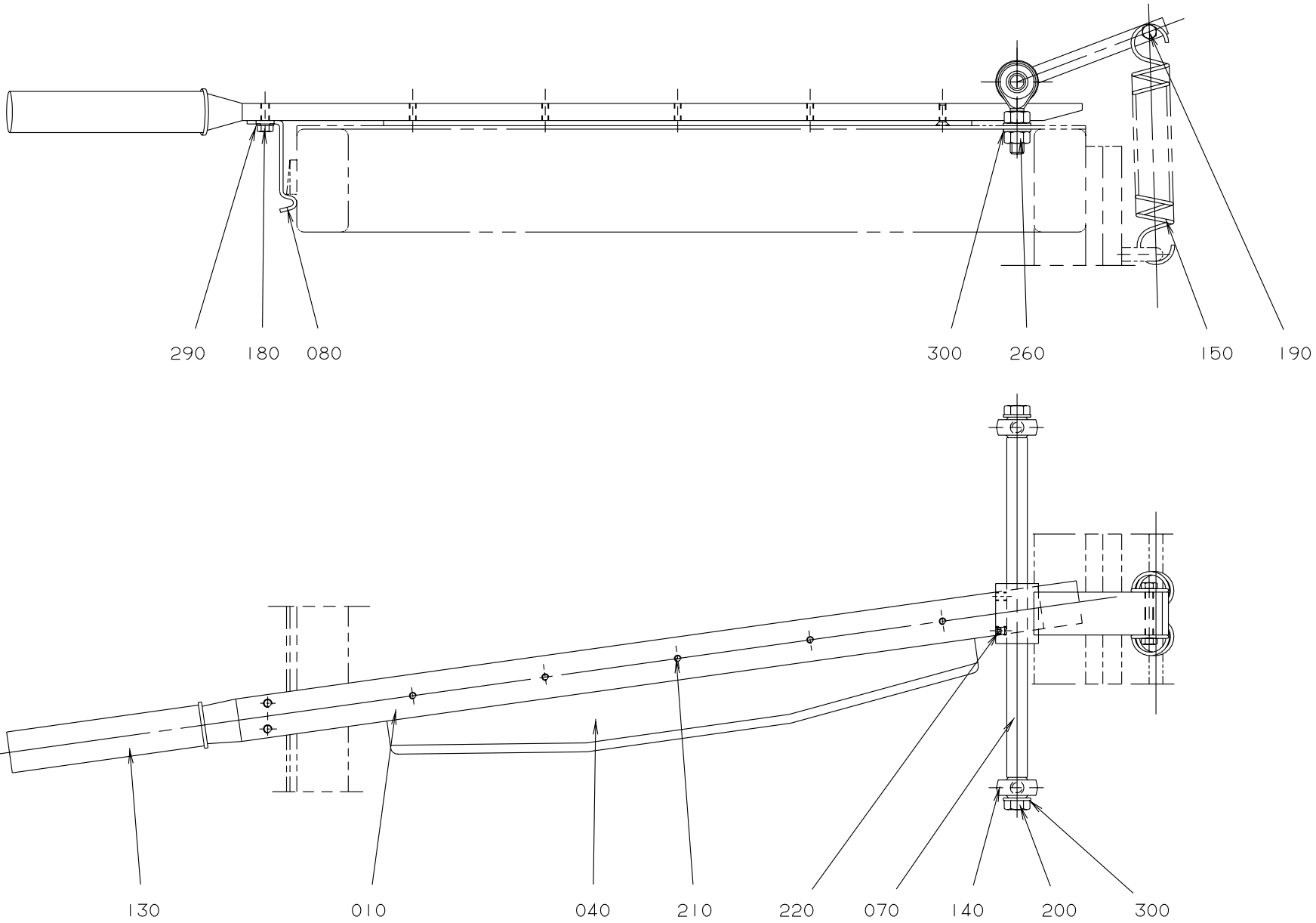
COUNTER RAIL



Pos	Part No	SP	UN	Qty	Description	Page No
-						
105	37895-0000	-		1	RAIL	
108	37896-0000	-		1	DOWEL	
109	37897-0000	-		1	WASHER	
112	90144-0030	F	MM	360	TAPE	
115	312605-0324	-		1	NUT,HEXAGON,M16 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

TEARING DEVICE

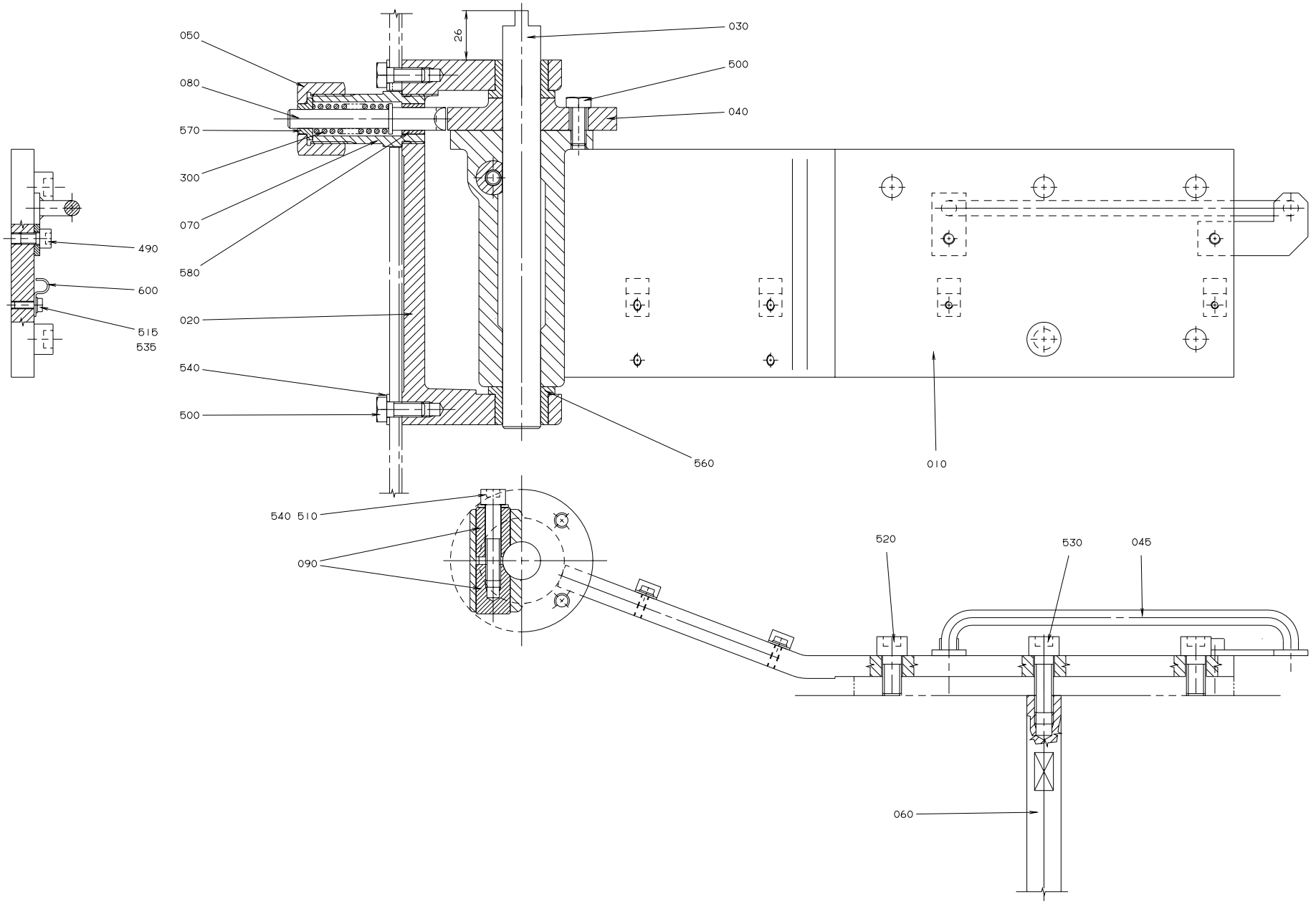


S-450101-2
ECN 22861

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	571920-0000	-		1	PRESSURE ARM	
040	37900-0000	D		1	KNIFE	
070	979784-0000	-		1	SHAFT	
080	206913-0000	D		1	LOCKING LOOP	
130	90017-0001	-		1	BIKE-HANDLE,RUBBER	
140	90115-0054	-		2	ROD ENDS,RE-LUBRICATEABLE 8-M8X1,25RH	
150	90335-0004	D		2	SPRING	
180	312101-0327	-		2	SCREW M6S5X12FZB	
190	312101-0329	-		2	SCREW M6S5X16FZB	
200	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
210	312145-0291	-		5	SLOTTED HEAD SCREW MFS 4x12 A4	
220	312316-0321	-		2	STOP SCREW SK6SS5X6FZB	
260	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
290	315101-0146	-		2	WASHER BRB 5,3x10 FZB	
300	315105-0165	-		6	WASHER,PLAIN ROUND 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

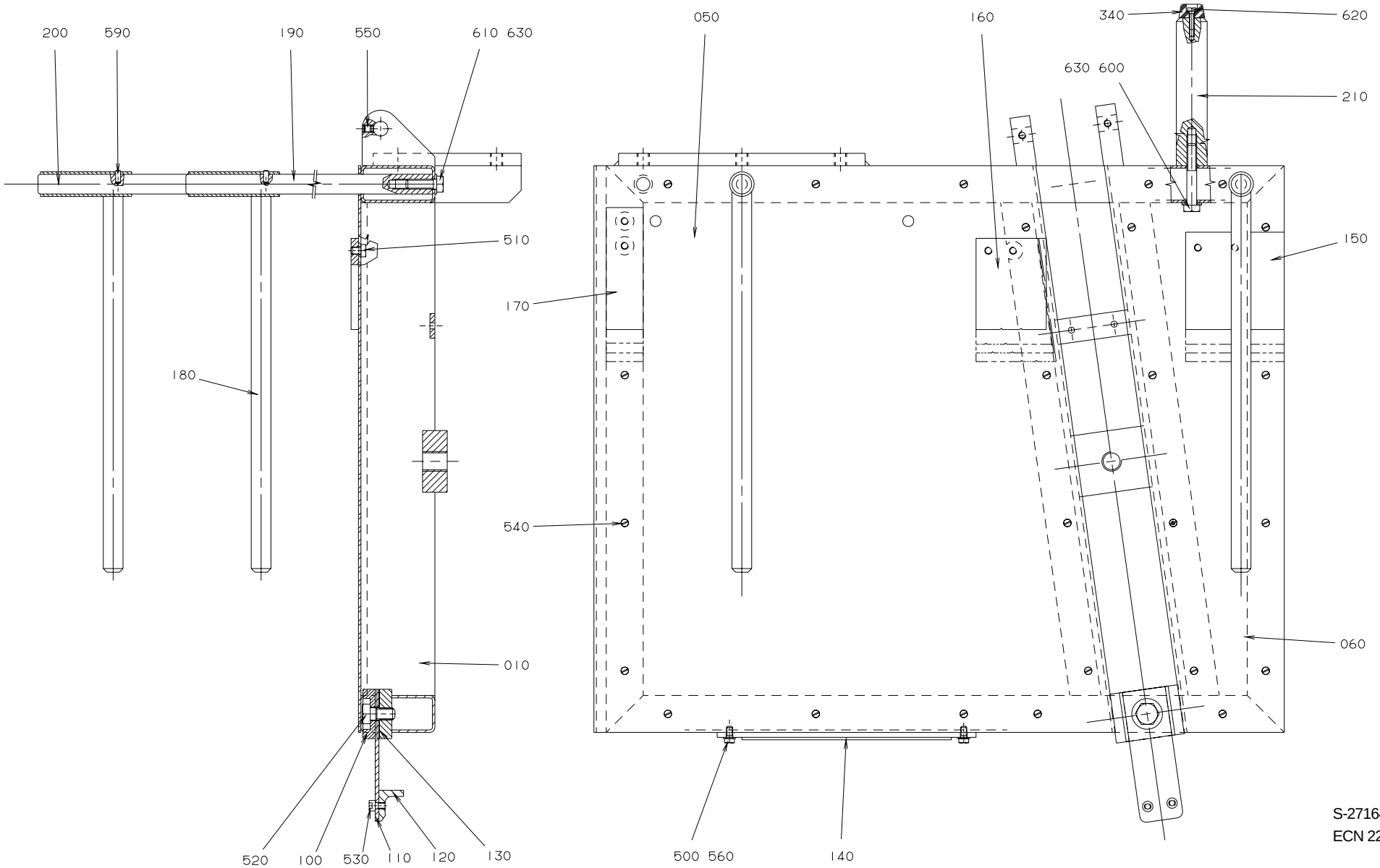
SUSPENSION ARM



S-271626-3
ECN 22861

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	469076-0000	-		1	ARM	
020	272864-0000	-		1	BRACKET	
030	272865-0000	-		1	SHAFT	
040	272866-0000	-		1	LOCKING FLANGE	
045	979782-0000	-		1	BOW CLAMP	
050	271632-0000	-		1	HOOD	
060	272862-0000	-		1	HOLDER	
070	272867-0000	D		1	SPRING HOUSING	
080	272868-0000	D		1	STOPPER DOWEL	
090	272869-0001	-		1	FLAP	
090	272869-0002	-		1	FLAP	
300	37927-0000	D		1	COMPRESSION SPRING	
490	312105-0364	-		2	SCREW M6S 6x10 A280	
500	312105-0451	-		8	SCREW M6S ISO 4017 8x20 A280	
510	312105-0459	-		1	SCREW ISO 4017 M8x40 A280	
515	312125-0291	-		4	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
520	312115-0491	-		4	SCREW MC6S ISO 4762 M10X20 A280	
530	312115-0495	-		1	SCREW MC6S ISO 4762 M10X30 A280	
535	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
540	315105-0165	-		5	WASHER,PLAIN ROUND 8,4x16 Stainless	
560	321101-0233	-		2	FLANGE BUS 20F7x20	
570	321111-0134	-		1	BEARING BUSHING WITH FLANGE, 10/16X8	
580	321116-0151	-		1	BEARING BUSHING WITHOUT FLANGE,12X16X12	
600	352110-0102	-		4	CRAMP TK 10-14	

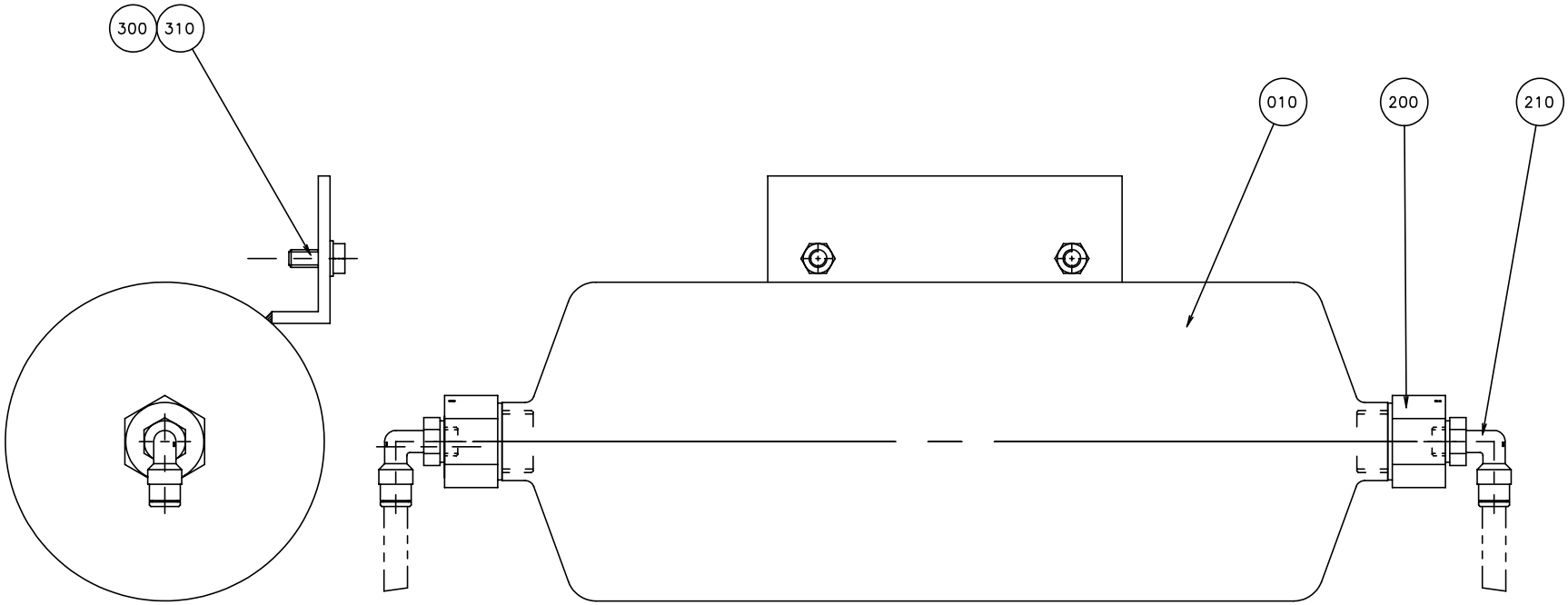
Pos	Part No	SP	UN	Qty	Description	Page No



S-271641-4
ECN 22861

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	37905-0000	-		1	FRAME	
050	979783-0000	-		1	PLATE	
060	979204-0000	-		1	PLATE	
100	37908-0000	-		1	PLATE	
110	37909-0000	D		1	SPRING	
120	37910-0000	D		1	LOCK	
130	37911-0000	-		1	LACE	
140	37912-0000	D		1	LOCK PLATE	
180	469141-0000	-		2	HOLDER	
190	978876-0000	-		1	SHAFT	
200	978877-0000	-		1	SHAFT	
210	978878-0000	-		1	SHAFT	
340	90347-0005	-		1	VIBRATION DAMPER	
500	312105-0325	-		2	SCREW M6S 5x10 A2 80	
510	312105-0362	-		6	SCREW M6S ISO 4017 M6x8 A280	
520	312105-0491	-		1	SCREW M6S ISO 4017 M10X20 A280	
530	312115-0323	-		2	SCREW MC6S ISO 4762 M5X8 A280	
540	312145-0220	-		25	SLOTTED HEMFS3X6RFR	
550	312318-0362	-		2	SET SCREW CUP POINT ISO 4029 M6x8 RFR	
560	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
590	311103-0267	-		2	PIN,STRAIGHT 4x10	
600	312105-0461	-		1	SCREW ISO 4017 M8x50 A280	
610	312105-0453	-		2	SCREW M6S ISO 4017 M8x25 A280	
620	312125-0291	-		1	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	
630	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
TBA 0100B or TBA 0125S						
150	271642-0000	D		1	RULER	
160	271643-0000	D		1	RULER	
170	271644-0000	D		1	RULER	
TBA 0160S or TBA 0200S						
150	272886-0000	D		1	RULER	
160	272887-0000	D		1	RULER	
170	272888-0000	D		1	RULER	
TB 0200M or TB 0250S or TBA 0200M or TBA 0250S						
150	574426-0000	D		1	RULER	
160	574427-0000	D		1	RULER	
170	574428-0000	D		1	RULER	
TB 0200B or TB 0250B or TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S or TPA 0330SQ						
150	37913-0000	D		1	RULER	
160	37916-0000	D		1	RULER	
170	37917-0000	D		1	RULER	

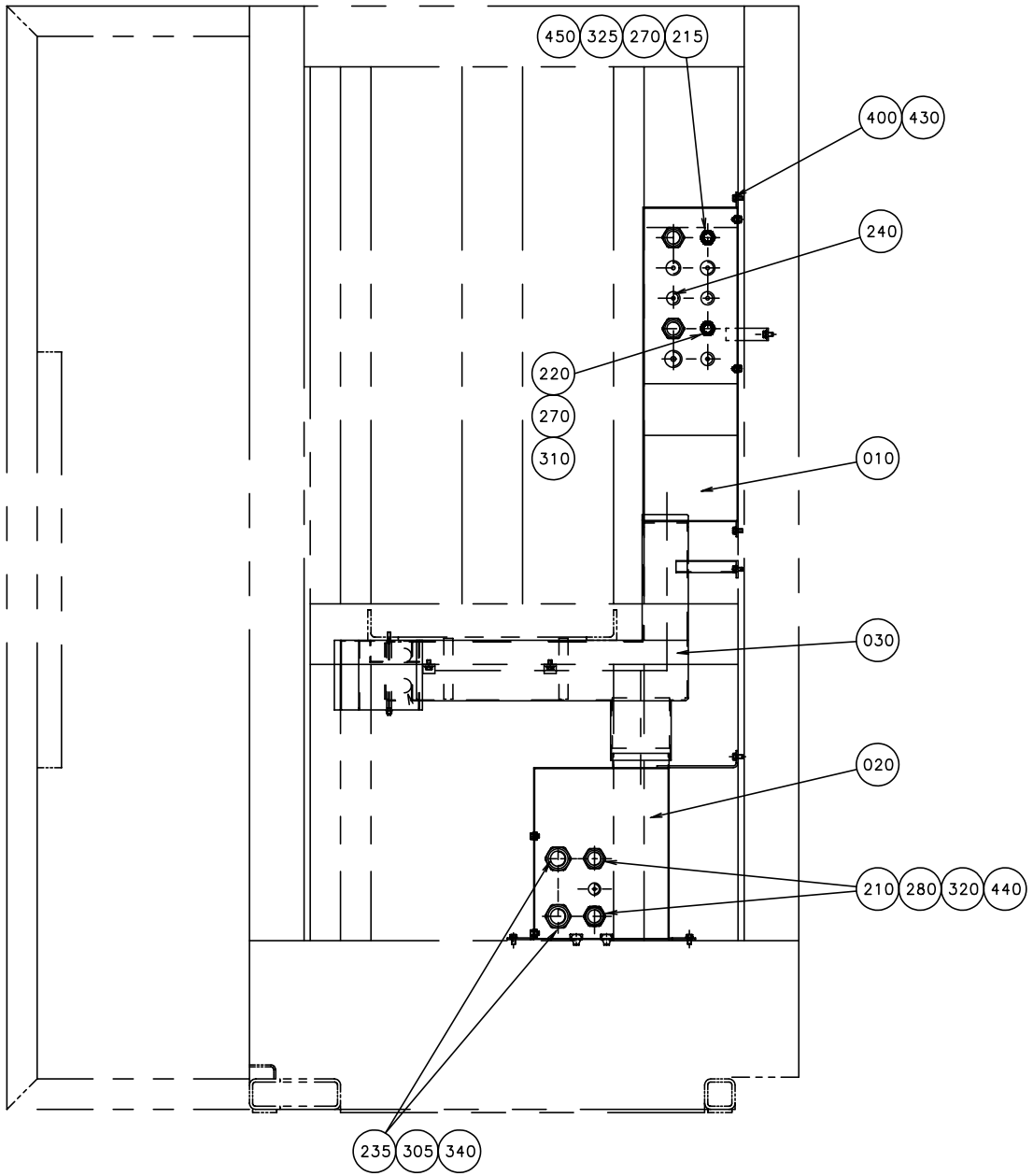
BALANCE TANK



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	907535-0000	-		1	RESERVOIR	
300	342732-0104	-		2	ELBOW PIPE JOINT	
310	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
320	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
330	342701-0205	-		2	BUSHING,INT./EXT.G-THREAD G1/2"-G1/4"	

Pos	Part No	SP	UN	Qty	Description	Page No

CABLE DUCT

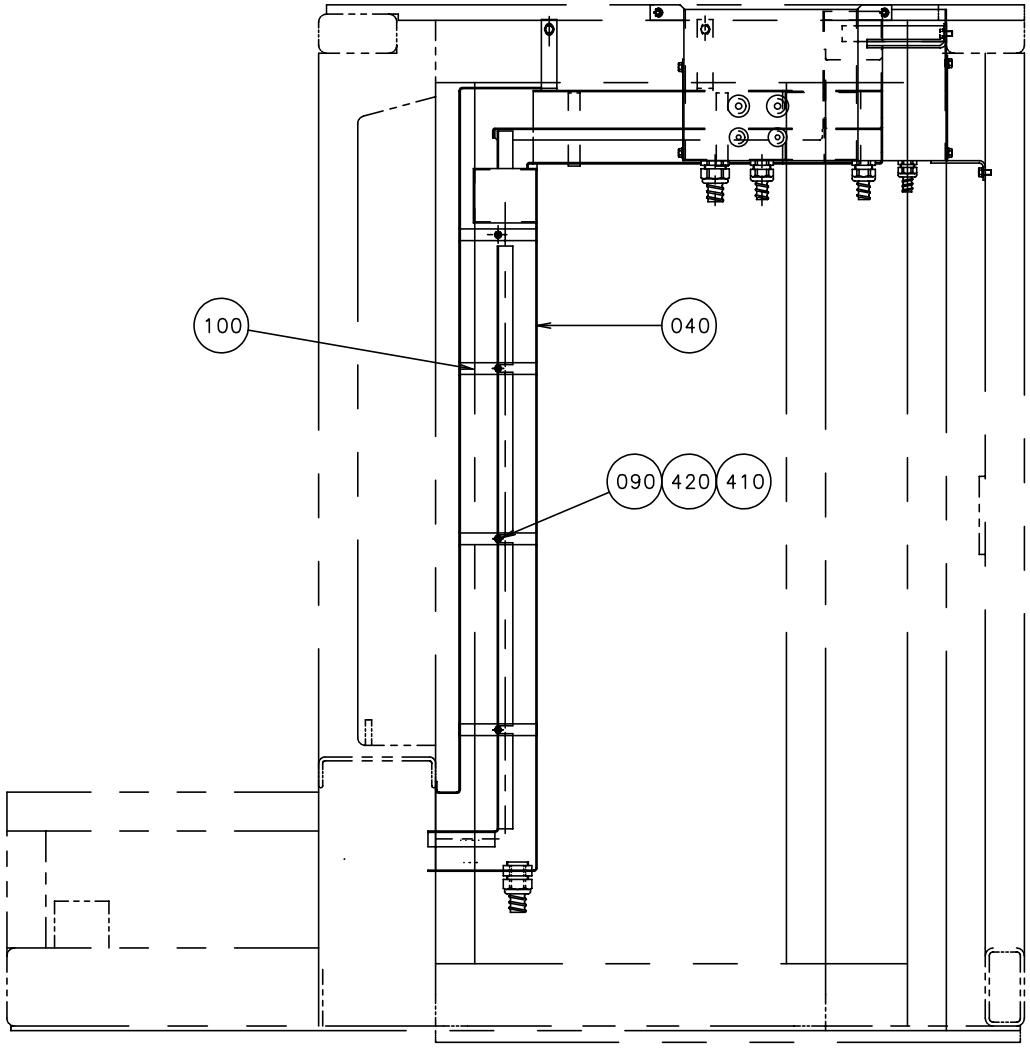


S-978837-1
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	927045-0000	-		1	CONNECTION BOX	
020	927046-0000	-		1	CONNECTION BOX	
030	979480-0000	-		1	CABLE DUCT	
040	979481-0000	-		1	CABLE DUCT	
070	927063-0000	-		1	COVER	
080	927064-0000	-		1	COVER	
090	979484-0000	-		2	STUD SCREW	
100	979485-0000	-		4	PLATE	
210	353243-0005	-		6	GLANDS,HOSE,EXTENDED WITHOUT INSERT PG16	
215	353243-0001	-		1	GLAND,HOSE,EXTENDED,WITHOUT INSERT PG9	
225	353243-0003	-		2	GLAND,HOSE,EXTENDED WITHOUT INSERT PG11	
235	353243-0007	-		2	GLANDS,HOSE,EXTENDED,WITHOUT INSERT PG21	
238	353249-0011	-		2	GLAND,INSERT,SINGLE HOLE,EXTEND.7-10,5	
240	90015-0020	-		4	RUBBER BUSHING 5-7	
250	90015-0021	-		3	BUSHING	
260	90015-0023	-		4	RUBBER BUSHING TET 7-10	
270	90099-0104	-		1	NUT PR 15,2 (PG9)	
280	90099-0110	-		6	NUT PR 22,5 (PG16)	
290	90099-0117	-		1	NUT PR 18,6 (PG11)	
305	90099-0119	-		2	NUT PR 28,3 (PG21)	
310	90152-0050	-	M	1	GLANDS,HOSE 20x13	
320	90152-0051	-	M	10	GLANDS,HOSE 25x18	
325	90152-0058	-	M	1	GLANDS,HOSE 15x9	
330	90152-0059	-	M	1	HOSE 18x12	
340	90152-0070	-	M	2	GLANDS,HOSE 32,5X26	
400	312105-0366	-		15	SCREW M6S ISO 4017 M6x12 A280	
410	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
420	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
430	315105-0153	-		15	WASHER,PLAIN ROUND 6,4x12 Stainless	
440	353249-0014	-		6	GLAND,INSERT,SINGLE HOLE,EXTE.11,5-15,5	
450	353249-0008	-		1	GLAND,INSERT,SINGLE HOLE,EXTEND.4-6,5	

Pos	Part No	SP	UN	Qty	Description	Page No

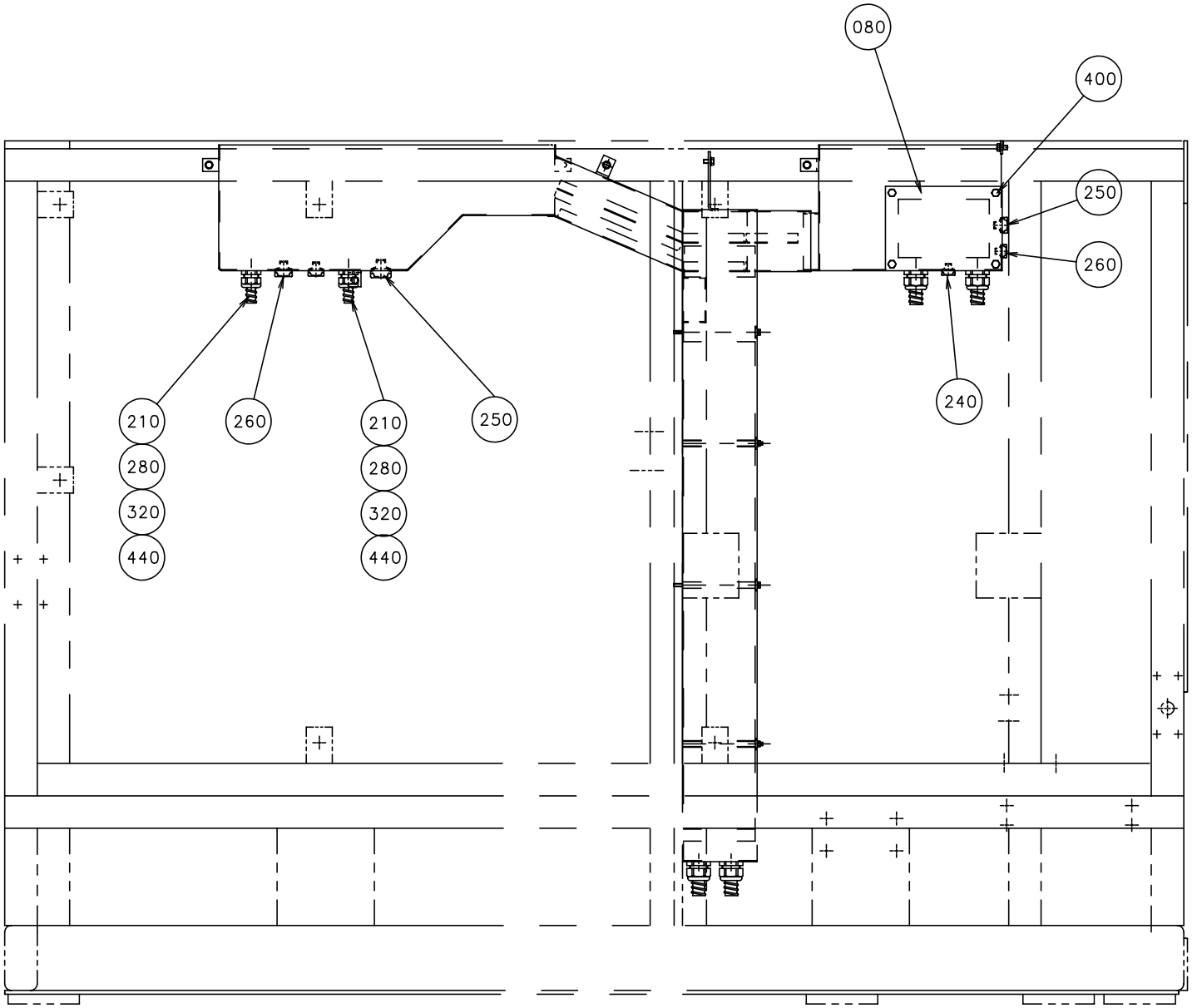
CABLE DUCT



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	927045-0000	-		1	CONNECTION BOX	
020	927046-0000	-		1	CONNECTION BOX	
030	979480-0000	-		1	CABLE DUCT	
040	979481-0000	-		1	CABLE DUCT	
070	927063-0000	-		1	COVER	
080	927064-0000	-		1	COVER	
090	979484-0000	-		2	STUD SCREW	
100	979485-0000	-		4	PLATE	
210	353243-0005	-		6	GLANDS,HOSE,EXTENDED WITHOUT INSERT PG16	
215	353243-0001	-		1	GLAND,HOSE,EXTENDED,WITHOUT INSERT PG9	
225	353243-0003	-		2	GLAND,HOSE,EXTENDED WITHOUT INSERT PG11	
235	353243-0007	-		2	GLANDS,HOSE,EXTENDED,WITHOUT INSERT PG21	
238	353249-0011	-		2	GLAND,INSERT,SINGLE HOLE,EXTEND.7-10,5	
240	90015-0020	-		4	RUBBER BUSHING 5-7	
250	90015-0021	-		3	BUSHING	
260	90015-0023	-		4	RUBBER BUSHING TET 7-10	
270	90099-0104	-		1	NUT PR 15,2 (PG9)	
280	90099-0110	-		6	NUT PR 22,5 (PG16)	
290	90099-0117	-		1	NUT PR 18,6 (PG11)	
305	90099-0119	-		2	NUT PR 28,3 (PG21)	
310	90152-0050	-	M	1	GLANDS,HOSE 20x13	
320	90152-0051	-	M	10	GLANDS,HOSE 25x18	
325	90152-0058	-	M	1	GLANDS,HOSE 15x9	
330	90152-0059	-	M	1	HOSE 18x12	
340	90152-0070	-	M	2	GLANDS,HOSE 32,5X26	
400	312105-0366	-		15	SCREW M6S ISO 4017 M6x12 A280	
410	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
420	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
430	315105-0153	-		15	WASHER,PLAIN ROUND 6,4x12 Stainless	
440	353249-0014	-		6	GLAND,INSERT,SINGLE HOLE,EXTE.11,5-15,5	
450	353249-0008	-		1	GLAND,INSERT,SINGLE HOLE,EXTEND.4-6,5	

Pos	Part No	SP	UN	Qty	Description	Page No

CABLE DUCT

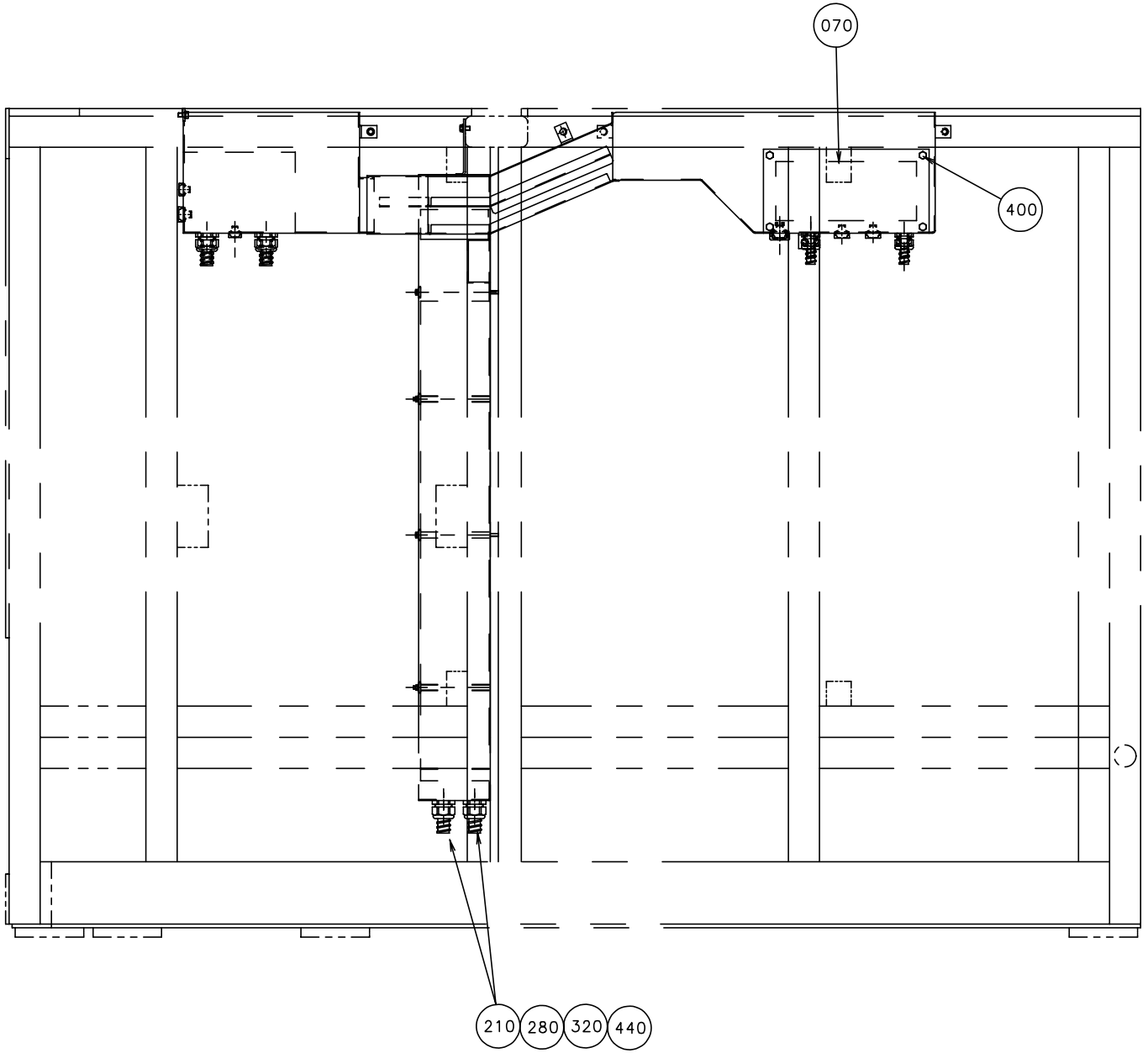


S-978837-3
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	927045-0000	-		1	CONNECTION BOX	
020	927046-0000	-		1	CONNECTION BOX	
030	979480-0000	-		1	CABLE DUCT	
040	979481-0000	-		1	CABLE DUCT	
070	927063-0000	-		1	COVER	
080	927064-0000	-		1	COVER	
090	979484-0000	-		2	STUD SCREW	
100	979485-0000	-		4	PLATE	
210	353243-0005	-		6	GLANDS,HOSE,EXTENDED WITHOUT INSERT PG16	
215	353243-0001	-		1	GLAND,HOSE,EXTENDED,WITHOUT INSERT PG9	
225	353243-0003	-		2	GLAND,HOSE,EXTENDED WITHOUT INSERT PG11	
235	353243-0007	-		2	GLANDS,HOSE,EXTENDED,WITHOUT INSERT PG21	
238	353249-0011	-		2	GLAND,INSERT,SINGLE HOLE,EXTEND.7-10,5	
240	90015-0020	-		4	RUBBER BUSHING 5-7	
250	90015-0021	-		3	BUSHING	
260	90015-0023	-		4	RUBBER BUSHING TET 7-10	
270	90099-0104	-		1	NUT PR 15,2 (PG9)	
280	90099-0110	-		6	NUT PR 22,5 (PG16)	
290	90099-0117	-		1	NUT PR 18,6 (PG11)	
305	90099-0119	-		2	NUT PR 28,3 (PG21)	
310	90152-0050	-	M	1	GLANDS,HOSE 20x13	
320	90152-0051	-	M	10	GLANDS,HOSE 25x18	
325	90152-0058	-	M	1	GLANDS,HOSE 15x9	
330	90152-0059	-	M	1	HOSE 18x12	
340	90152-0070	-	M	2	GLANDS,HOSE 32,5X26	
400	312105-0366	-		15	SCREW M6S ISO 4017 M6x12 A280	
410	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
420	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
430	315105-0153	-		15	WASHER,PLAIN ROUND 6,4x12 Stainless	
440	353249-0014	-		6	GLAND,INSERT,SINGLE HOLE,EXTE.11,5-15,5	
450	353249-0008	-		1	GLAND,INSERT,SINGLE HOLE,EXTEND.4-6,5	

Pos	Part No	SP	UN	Qty	Description	Page No

CABLE DUCT



S-978837-4
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
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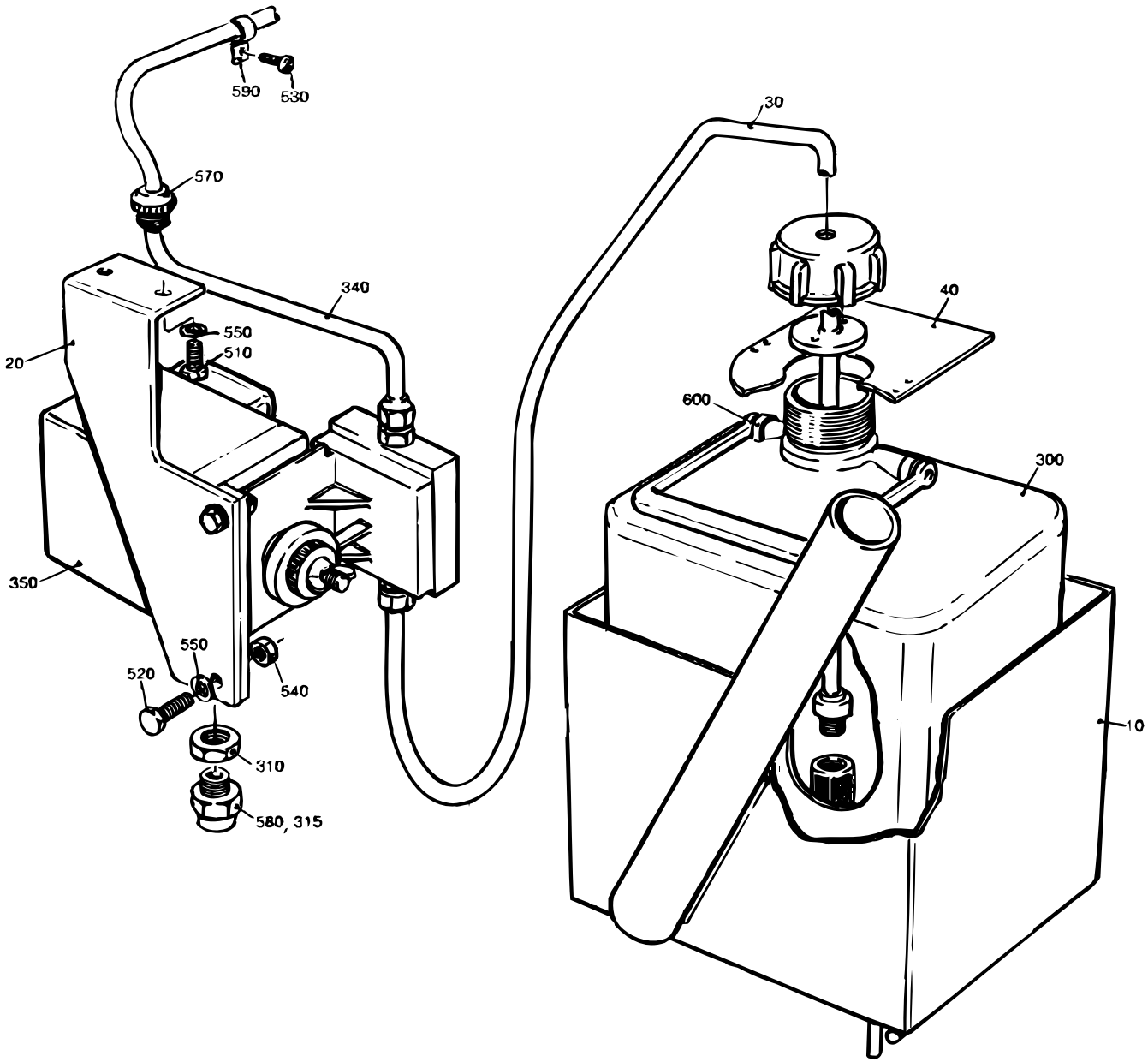
010	927045-0000	-		1	CONNECTION BOX	
020	927046-0000	-		1	CONNECTION BOX	
030	979480-0000	-		1	CABLE DUCT	
040	979481-0000	-		1	CABLE DUCT	
070	927063-0000	-		1	COVER	
080	927064-0000	-		1	COVER	
090	979484-0000	-		2	STUD SCREW	
100	979485-0000	-		4	PLATE	
210	353243-0005	-		6	GLANDS,HOSE,EXTENDED WITHOUT INSERT PG16	
215	353243-0001	-		1	GLAND,HOSE,EXTENDED,WITHOUT INSERT PG9	
225	353243-0003	-		2	GLAND,HOSE,EXTENDED WITHOUT INSERT PG11	
235	353243-0007	-		2	GLANDS,HOSE,EXTENDED,WITHOUT INSERT PG21	
238	353249-0011	-		2	GLAND,INSERT,SINGLE HOLE,EXTEND.7-10,5	
240	90015-0020	-		4	RUBBER BUSHING 5-7	
250	90015-0021	-		3	BUSHING	
260	90015-0023	-		4	RUBBER BUSHING TET 7-10	
270	90099-0104	-		1	NUT PR 15,2 (PG9)	
280	90099-0110	-		6	NUT PR 22,5 (PG16)	
290	90099-0117	-		1	NUT PR 18,6 (PG11)	
305	90099-0119	-		2	NUT PR 28,3 (PG21)	
310	90152-0050	-	M	1	GLANDS,HOSE 20x13	
320	90152-0051	-	M	10	GLANDS,HOSE 25x18	
325	90152-0058	-	M	1	GLANDS,HOSE 15x9	
330	90152-0059	-	M	1	HOSE 18x12	
340	90152-0070	-	M	2	GLANDS,HOSE 32,5X26	
400	312105-0366	-		15	SCREW M6S ISO 4017 M6x12 A280	
410	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
420	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
430	315105-0153	-		15	WASHER,PLAIN ROUND 6,4x12 Stainless	
440	353249-0014	-		6	GLAND,INSERT,SINGLE HOLE,EXTE.11,5-15,5	
450	353249-0008	-		1	GLAND,INSERT,SINGLE HOLE,EXTEND.4-6,5	

Pos	Part No	SP	UN	Qty	Description	Page No

DETERGENT PUMP

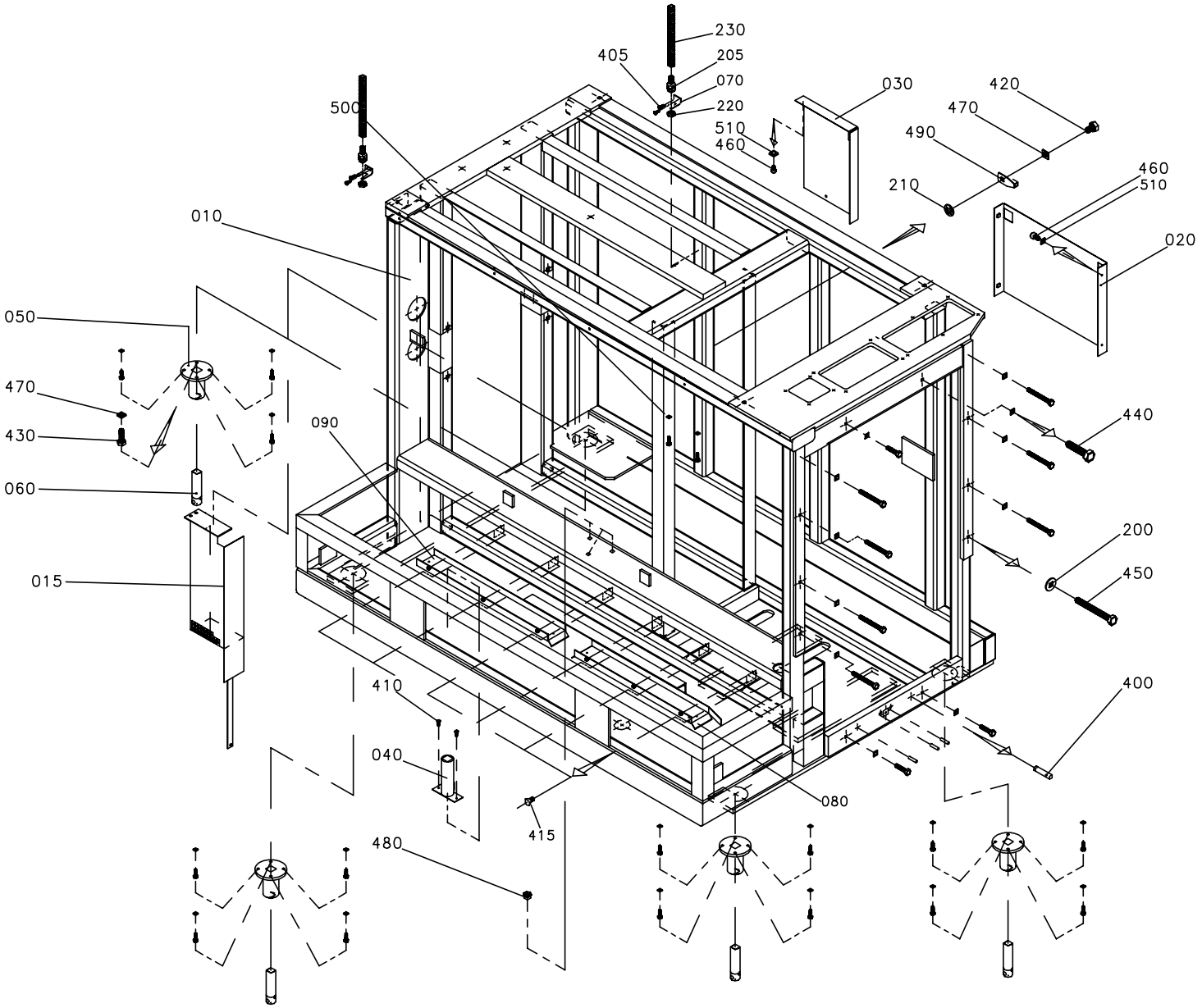


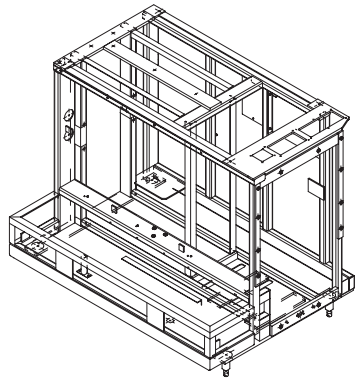
S-490761-1
ECN 20090

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	490768-0000	-		1	BOX	
020	490769-0000	-		1	BRACKET	
030	979217-0000	-		1	PIPE	
040	295387-0000	-		1	SIGN BOARD	
050	35962-0000	R		1	LID	
300	90050-0011	R		1	BOTTLE	
310	90099-0003	-		1	NUT	
315	90195-0020	-		1	TERMINAL BK2 KRG 2-POLE	
340	90166-0008	-	MM	2000	HOSE 7/10 PVC TRANSP.	
350	B 90321-0037	D		1	PUMP C-6125P EP 220V;50Hz	
510	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
520	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
530	312125-0285	-		1	SLOTTED HEAD SCREW MCS 4X6 RFR	
540	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
550	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	352101-0105	-		1	LEAD-IN PR 22,5;PG16	
580	352103-0110	-		1	CABLE GLAND STR 16	
590	352110-0102	-		1	CRAMP TK 10-14	
600	352113-0101	-		2	CLIP STRIP BLACK 92x2,5mm	

Pos	Part No	SP	UN	Qty	Description	Page No

MACHINE BODY

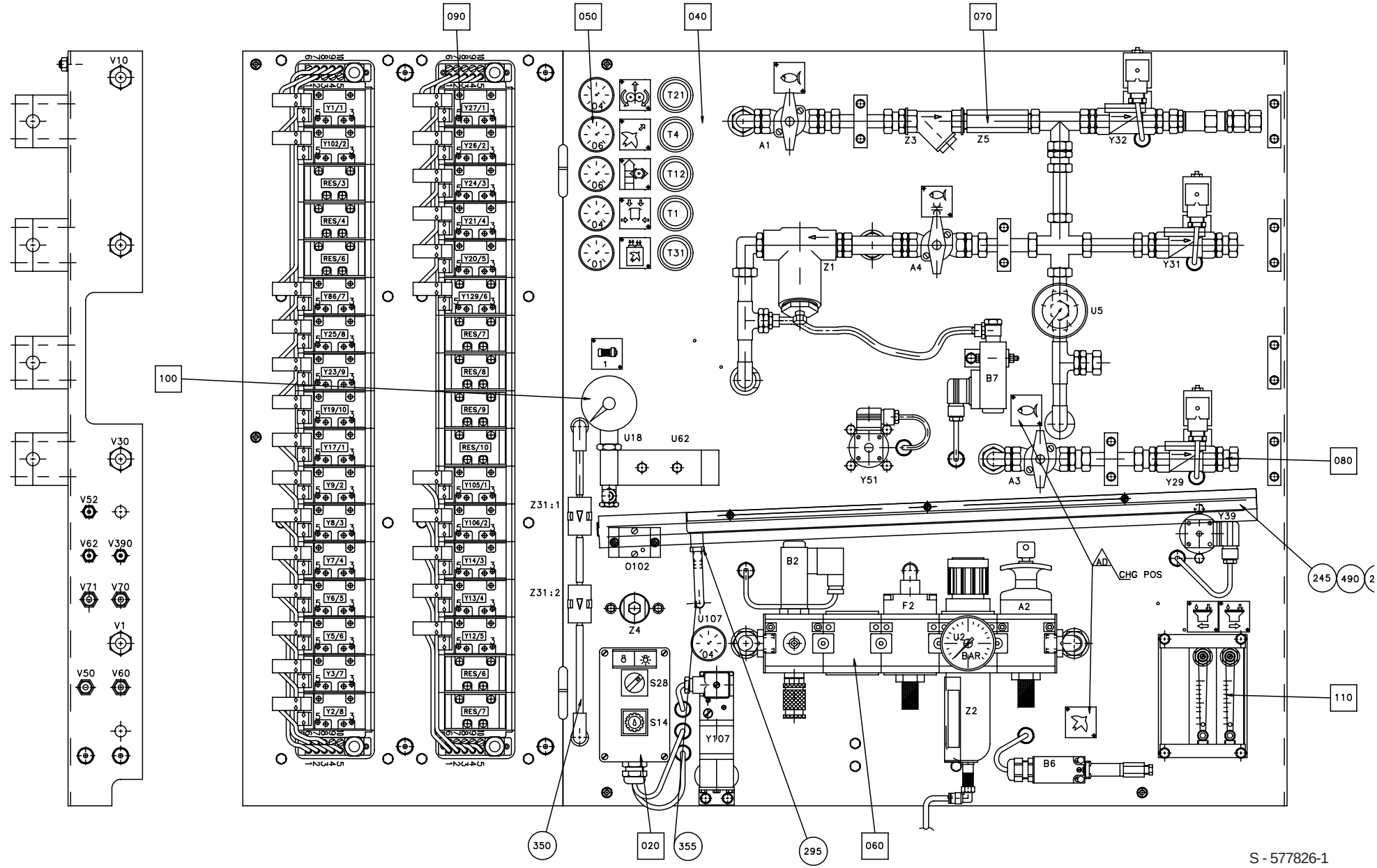




S-979216-1
ECN 70498

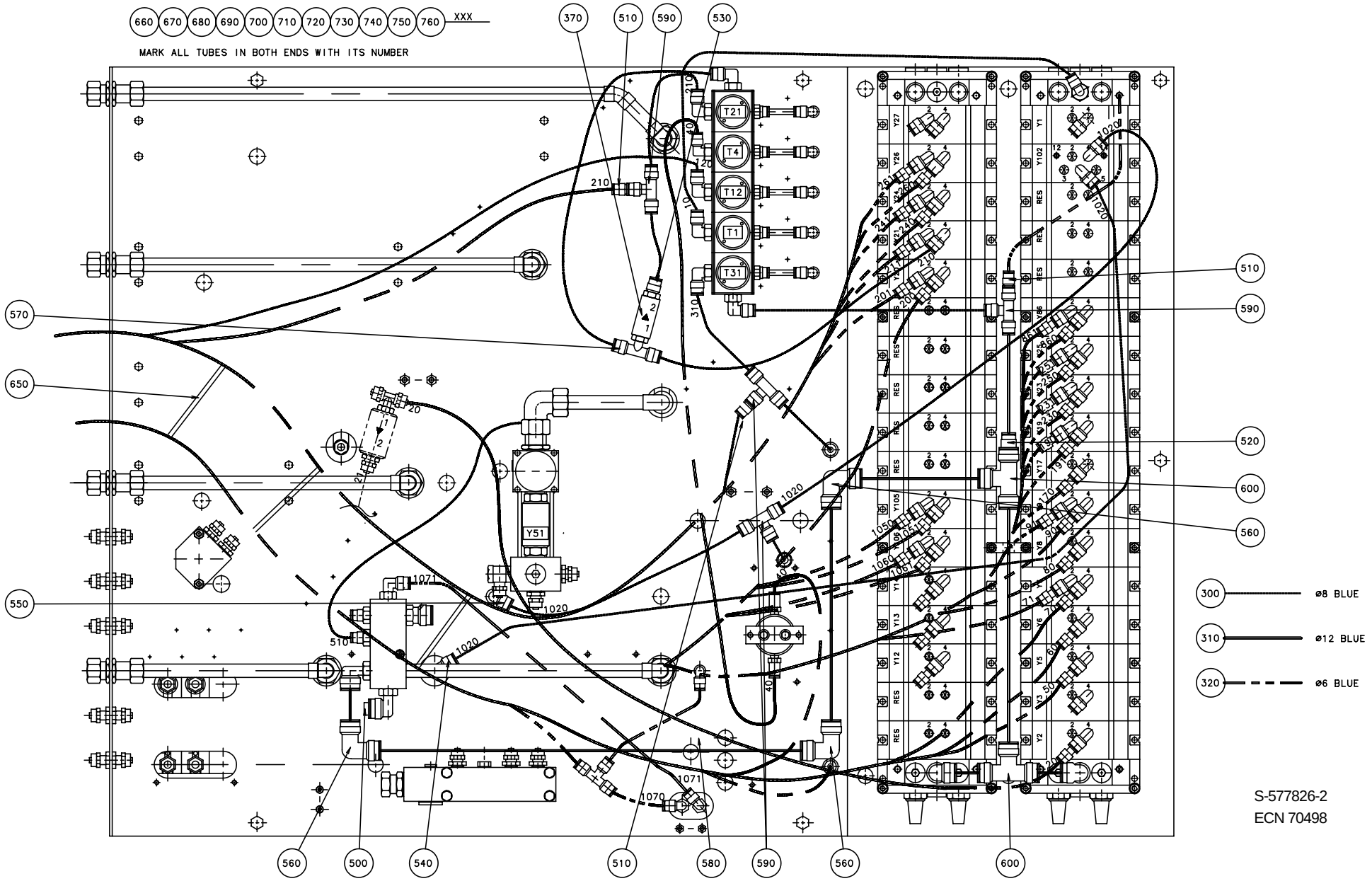
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978880-0000	-		1	MACHINE BODY	
015	979802-0000	-		1	PROTECTION	
020	979444-0000	-		1	TOUCH GUARD	
030	979445-0000	-		1	TOUCH GUARD	
040	295259-0000	-		1	HOLDER	
050	469095-0000	-		4	HOLDER	
060	469096-0000	-		4	LEG	
070	977527-0000	-		1	BRACKET	
080	1260655-0000	-		3	CABLE DUCT	
090	1260896-0000	-		1	CABLE DUCT	
100	1349690-0000	-		1	TANK	
200	90005-0126	-		12	WASHER,Plain round 13x24; H=2 M12	
205	90012-0078	-		1	GLAND FITTING	
210	90062-0016	-		1	LOCK WASHER	
220	90099-0104	-		1	NUT PR 15,2 (PG9)	
230	90152-0059	-	MM	500	HOSE 18x12	
400	311103-0407	-		4	PINS,STRAIGHT 8X35	
405	312115-0327	-		2	SCREW MC6S ISO 4762 M5X12 A280	
410	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
415	312155-0366	-		6	SCREW MF6S DIN 7991 M6x12 A280	
420	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A280	
430	312105-0453	-		16	SCREW M6S ISO 4017 M8x25 A280	
440	312105-0540	-		4	SCREW M6S ISO 4017 M12X40 A280	
450	312105-0548	-		8	SCREW M6S ISO 4014 M12X80 A280	
460	312115-0364	-		6	SCREW MC6S 6x10 A4 80	
470	315115-0165	-		17	WASHER TBRB 8,4x16 Stainless	
480	352101-0105	-		3	LEAD-IN PR 22,5;PG16	
490	353104-0169	-		1	CABLE SHOEYAV 16 M8*	
500	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
510	315105-0156	-		7	WASHER BRB 6,7x14 RFR	

Pos	Part No	SP	UN	Qty	Description	Page No



S - 577826-1
ECN 71846

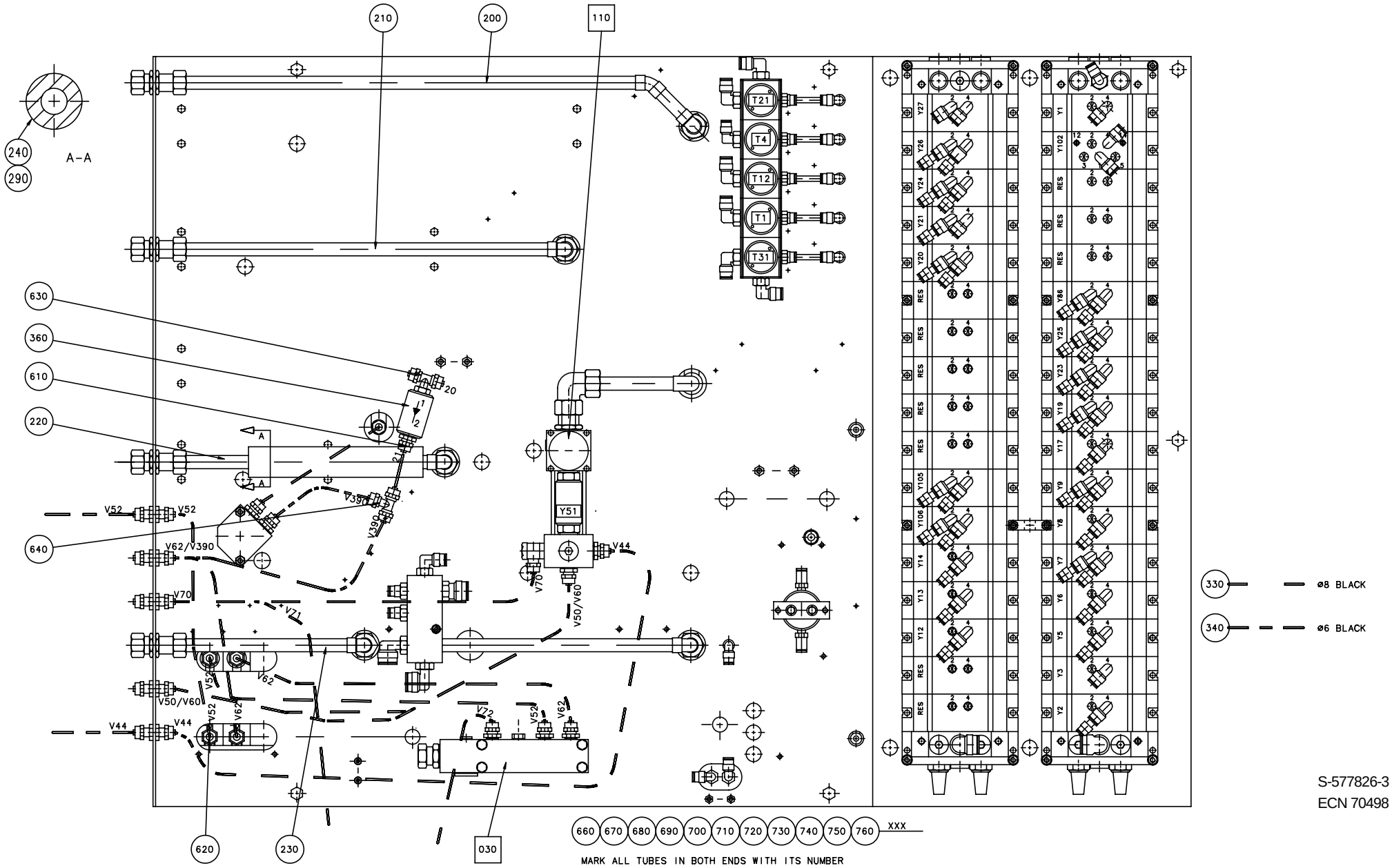
Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
310	90166-0068	-	M	1	TUBE 12 mm PA Blue	
320	90166-0081	-	M	103	TUBE 4 mm PA Blue	
500	342715-0105	-		2	PLUG	
660	359000-0400	-		78	MARKING CO2/4"0"	
670	359000-0401	-		59	MARKING COLLAR 2/4 "1" Yellow	
PT19						
310	90166-0068	-	M	3	TUBE 12 mm PA Blue	
320	90166-0081	-	M	98	TUBE 4 mm PA Blue	
500	342715-0105	-		1	PLUG	
660	359000-0400	-		84	MARKING CO2/4"0"	
670	359000-0401	-		61	MARKING COLLAR 2/4 "1" Yellow	
Common parts						
F010	A 456757-0200	-		1	AIR INJECTOR	**542**
F020	A 456882-0100	-		1	PUSH BUTTON BOX	**546**
F030	A 469121-0300	-		1	JUNCTION BLOCK	**548**
F040	A 577821-0100	-		1	VALVE PLATE	**550**
F050	A 577822-0100	-		1	PRESSURE REGULATOR GROUP	**554**
F060	A 577823-0100	-		1	AIR INLET GROUP	**558**
F070	A 577824-0100	-		1	COOL WATER VALVE	**558**
F080	A 577825-0100	-		1	HOT WATER VALVE	**560**
F090	A 577827-0100	-		1	VALVE GROUP	**562**
F100	A 577834-0100	-		1	GAUGE GROUP	**570**
F110	A 577835-0100	-		1	FLOW METER	**572**
200	576292-0000	-		1	PIPE	
210	577832-0000	-		1	PIPE	
220	576293-0000	-		1	PIPE	
230	576295-0000	-		1	PIPE	
240	456137-0000	-		1	HOSE	
245	1346061-0000	-		1	DRAIN CHUTE	
290	90153-0035	-	L	x	ADHESIVE	
292	90157-0022	-		x	SEALING COMPOUND	
295	90163-0085	-		1	HOSE NIPPLE,EXT.THREAD 2601-9-1/8"	
300	90166-0013	-	M	5	TUBE 8 mm PA Blue	
330	90166-0118	-	M	4	TUBE 8 mm PA Black	
340	90166-0119	-	M	7	HOSE PUR 4/6 Black	
350	90166-0194	-	M	1	TUBE 8 mm PUR Blue	
355	90166-0008	-	MM	1500	HOSE 7/10 PVC TRANSP.	
360	90230-0062	R		2	Non Return Valve	
370	90235-0151	R		1	NON-RETURN VALVE	
490	312115-0287	-		3	SCREW MC6S ISO 4762 M4X8 A280	
510	342716-0203	-		3	REDUCER 6-8	
520	342716-0209	-		1	REDUCER 8-12	
530	342722-0205	-		1	STRAIGHT COUPLING D=8-R1/4"	
550	342735-0103	-		1	ELBOW PIPE JOINT	
560	342735-0109	-		3	ELBOW PIPE JOINT	
570	342742-0104	-		1	T-COUPLING,ADJUST,F.PLASTIC TUBE 8-G1/4"	
580	342748-0102	-		1	T-CONNECTION	
590	342748-0103	-		4	T-CONNECTION	
600	342748-0109	-		2	T-CONNECTION	
630	342903-0121	-		1	NUT WITH SPRING 8/6-M12X1	
640	342946-0112	-		2	T-COUPLING,UNION 6/4	
650	352113-0104	-		15	CLIP-STRIP,Black 300x4,8mm	
680	359000-0402	-		44	MARKING COLLAR 2/4 "2" Yellow	
690	359000-0403	-		13	MARKING COLLAR PA2/4 "3" Yellow	
700	359000-0404	-		18	MARKING COLLAR PA2/4 "4" Yellow	
710	359000-0405	-		22	MARKING CO2/4"5"	
720	359000-0406	-		20	MARKING COLLAR PA2/4 "6" Yellow	
730	359000-0407	-		16	MARKING COLLAR PA2/4 "7" Yellow	
740	359000-0408	-		6	MARKING COLLAR PA2/4 "8" Yellow	
750	359000-0409	-		11	MARKING COLLAR PA2/4 "9" Yellow	
760	359000-0771	-		27	MARKING CO2/4"V"	



S-577826-2
ECN 70498

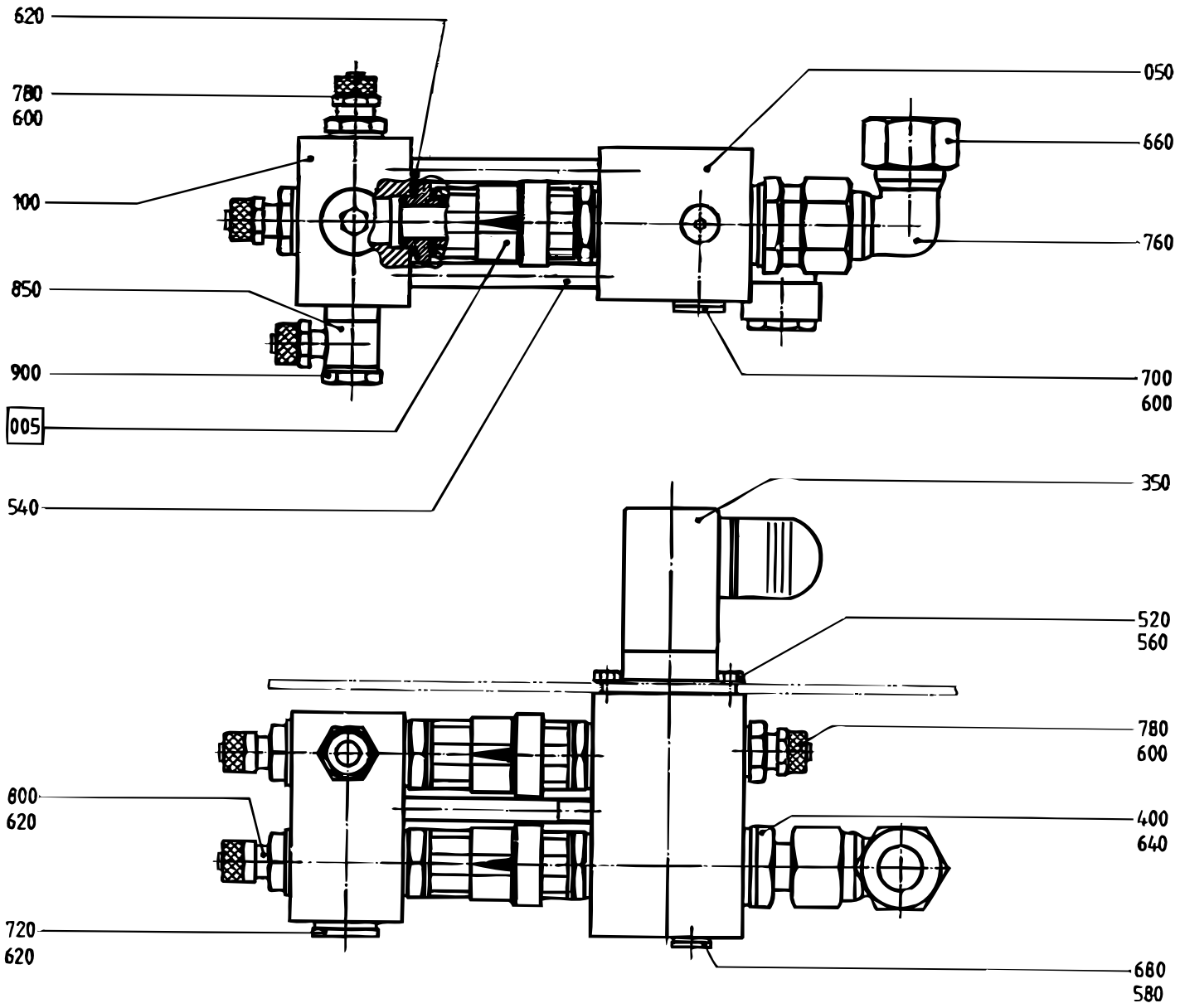
Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
310	90166-0068	-	M	1	TUBE 12 mm PA Blue	
320	90166-0081	-	M	103	TUBE 4 mm PA Blue	
500	342715-0105	-		2	PLUG	
660	359000-0400	-		78	MARKING CO2/4"0"	
670	359000-0401	-		59	MARKING COLLAR 2/4 "1" Yellow	
PT19						
310	90166-0068	-	M	3	TUBE 12 mm PA Blue	
320	90166-0081	-	M	98	TUBE 4 mm PA Blue	
500	342715-0105	-		1	PLUG	
660	359000-0400	-		84	MARKING CO2/4"0"	
670	359000-0401	-		61	MARKING COLLAR 2/4 "1" Yellow	
Common parts						
F010	A 456757-0200	-		1	AIR INJECTOR	**542**
F020	A 456882-0100	-		1	PUSH BUTTON BOX	**546**
F030	A 469121-0300	-		1	JUNCTION BLOCK	**548**
F040	A 577821-0100	-		1	VALVE PLATE	**550**
F050	A 577822-0100	-		1	PRESSURE REGULATOR GROUP	**554**
F060	A 577823-0100	-		1	AIR INLET GROUP	**558**
F070	A 577824-0100	-		1	COOL WATER VALVE	**558**
F080	A 577825-0100	-		1	HOT WATER VALVE	**560**
F090	A 577827-0100	-		1	VALVE GROUP	**562**
F100	A 577834-0100	-		1	GAUGE GROUP	**570**
F110	A 577835-0100	-		1	FLOW METER	**572**
200	576292-0000	-		1	PIPE	
210	577832-0000	-		1	PIPE	
220	576293-0000	-		1	PIPE	
230	576295-0000	-		1	PIPE	
240	456137-0000	-		1	HOSE	
245	1346061-0000	-		1	DRAIN CHUTE	
290	90153-0035	-	L	x	ADHESIVE	
292	90157-0022	-		x	SEALING COMPOUND	
295	90163-0085	-		1	HOSE NIPPLE,EXT.THREAD 2601-9-1/8"	
300	90166-0013	-	M	5	TUBE 8 mm PA Blue	
330	90166-0118	-	M	4	TUBE 8 mm PA Black	
340	90166-0119	-	M	7	HOSE PUR 4/6 Black	
350	90166-0194	-	M	1	TUBE 8 mm PUR Blue	
355	90166-0008	-	MM	1500	HOSE 7/10 PVC TRANSP.	
360	90230-0062	R		2	Non Return Valve	
370	90235-0151	R		1	NON-RETURN VALVE	
490	312115-0287	-		3	SCREW MC6S ISO 4762 M4X8 A280	
510	342716-0203	-		3	REDUCER 6-8	
520	342716-0209	-		1	REDUCER 8-12	
530	342722-0205	-		1	STRAIGHT COUPLING D=8-R1/4"	
550	342735-0103	-		1	ELBOW PIPE JOINT	
560	342735-0109	-		3	ELBOW PIPE JOINT	
570	342742-0104	-		1	T-COUPLING,ADJUST,F.PLASTIC TUBE 8-G1/4"	
580	342748-0102	-		1	T-CONNECTION	
590	342748-0103	-		4	T-CONNECTION	
600	342748-0109	-		2	T-CONNECTION	
630	342903-0121	-		1	NUT WITH SPRING 8/6-M12X1	
640	342946-0112	-		2	T-COUPLING,UNION 6/4	
650	352113-0104	-		15	CLIP-STRIP,Black 300x4,8mm	
680	359000-0402	-		44	MARKING COLLAR 2/4 "2" Yellow	
690	359000-0403	-		13	MARKING COLLAR PA2/4 "3" Yellow	
700	359000-0404	-		18	MARKING COLLAR PA2/4 "4" Yellow	
710	359000-0405	-		22	MARKING CO2/4"5"	
720	359000-0406	-		20	MARKING COLLAR PA2/4 "6" Yellow	
730	359000-0407	-		16	MARKING COLLAR PA2/4 "7" Yellow	
740	359000-0408	-		6	MARKING COLLAR PA2/4 "8" Yellow	
750	359000-0409	-		11	MARKING COLLAR PA2/4 "9" Yellow	
760	359000-0771	-		27	MARKING CO2/4"V"	

VALVE PANEL



S-577826-3
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
310	90166-0068	-	M	1	TUBE 12 mm PA Blue	
320	90166-0081	-	M	103	TUBE 4 mm PA Blue	
500	342715-0105	-		2	PLUG	
660	359000-0400	-		78	MARKING CO2/4"0"	
670	359000-0401	-		59	MARKING COLLAR 2/4 "1" Yellow	
PT19						
310	90166-0068	-	M	3	TUBE 12 mm PA Blue	
320	90166-0081	-	M	98	TUBE 4 mm PA Blue	
500	342715-0105	-		1	PLUG	
660	359000-0400	-		84	MARKING CO2/4"0"	
670	359000-0401	-		61	MARKING COLLAR 2/4 "1" Yellow	
Common parts						
F010	A 456757-0200	-		1	AIR INJECTOR	**542**
F020	A 456882-0100	-		1	PUSH BUTTON BOX	**546**
F030	A 469121-0300	-		1	JUNCTION BLOCK	**548**
F040	A 577821-0100	-		1	VALVE PLATE	**550**
F050	A 577822-0100	-		1	PRESSURE REGULATOR GROUP	**554**
F060	A 577823-0100	-		1	AIR INLET GROUP	**558**
F070	A 577824-0100	-		1	COOL WATER VALVE	**558**
F080	A 577825-0100	-		1	HOT WATER VALVE	**560**
F090	A 577827-0100	-		1	VALVE GROUP	**562**
F100	A 577834-0100	-		1	GAUGE GROUP	**570**
F110	A 577835-0100	-		1	FLOW METER	**572**
200	576292-0000	-		1	PIPE	
210	577832-0000	-		1	PIPE	
220	576293-0000	-		1	PIPE	
230	576295-0000	-		1	PIPE	
240	456137-0000	-		1	HOSE	
245	1346061-0000	-		1	DRAIN CHUTE	
290	90153-0035	-	L	x	ADHESIVE	
292	90157-0022	-		x	SEALING COMPOUND	
295	90163-0085	-		1	HOSE NIPPLE,EXT.THREAD 2601-9-1/8"	
300	90166-0013	-	M	5	TUBE 8 mm PA Blue	
330	90166-0118	-	M	4	TUBE 8 mm PA Black	
340	90166-0119	-	M	7	HOSE PUR 4/6 Black	
350	90166-0194	-	M	1	TUBE 8 mm PUR Blue	
355	90166-0008	-	MM	1500	HOSE 7/10 PVC TRANSP.	
360	90230-0062	R		2	Non Return Valve	
370	90235-0151	R		1	NON-RETURN VALVE	
490	312115-0287	-		3	SCREW MC6S ISO 4762 M4X8 A280	
510	342716-0203	-		3	REDUCER 6-8	
520	342716-0209	-		1	REDUCER 8-12	
530	342722-0205	-		1	STRAIGHT COUPLING D=8-R1/4"	
550	342735-0103	-		1	ELBOW PIPE JOINT	
560	342735-0109	-		3	ELBOW PIPE JOINT	
570	342742-0104	-		1	T-COUPLING,ADJUST,F.PLASTIC TUBE 8-G1/4"	
580	342748-0102	-		1	T-CONNECTION	
590	342748-0103	-		4	T-CONNECTION	
600	342748-0109	-		2	T-CONNECTION	
630	342903-0121	-		1	NUT WITH SPRING 8/6-M12X1	
640	342946-0112	-		2	T-COUPLING,UNION 6/4	
650	352113-0104	-		15	CLIP-STRIP,Black 300x4,8mm	
680	359000-0402	-		44	MARKING COLLAR 2/4 "2" Yellow	
690	359000-0403	-		13	MARKING COLLAR PA2/4 "3" Yellow	
700	359000-0404	-		18	MARKING COLLAR PA2/4 "4" Yellow	
710	359000-0405	-		22	MARKING CO2/4"5"	
720	359000-0406	-		20	MARKING COLLAR PA2/4 "6" Yellow	
730	359000-0407	-		16	MARKING COLLAR PA2/4 "7" Yellow	
740	359000-0408	-		6	MARKING COLLAR PA2/4 "8" Yellow	
750	359000-0409	-		11	MARKING COLLAR PA2/4 "9" Yellow	
760	359000-0771	-		27	MARKING CO2/4"V"	


620
780
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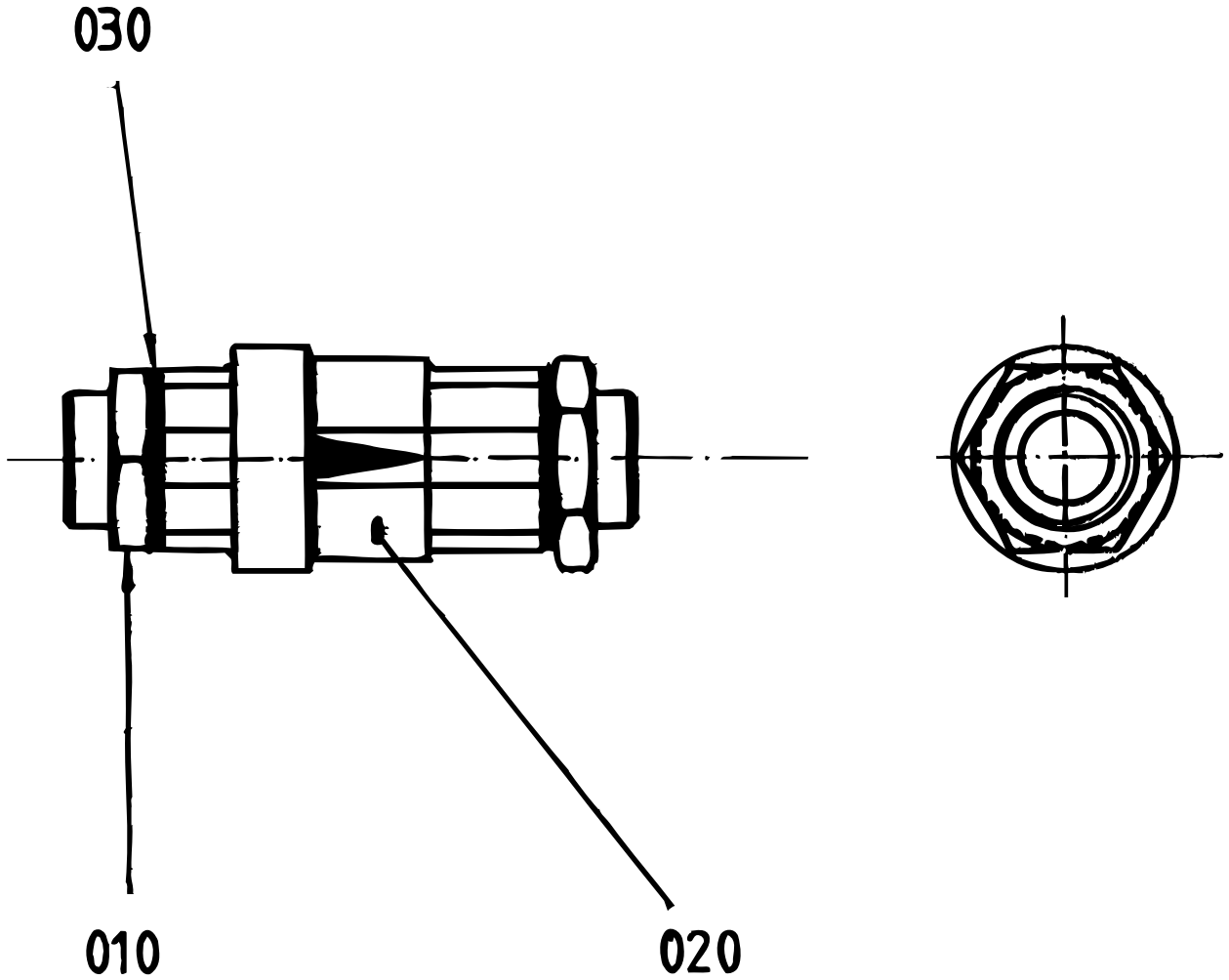
680
580

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F005	A 491536-0100	-		2	NON-RETURN VALVE.....	**544**
050	456756-0000	-		1	BLOCK	
100	456755-0000	-		1	BLOCK	
350	90042-0173	M		1	SOLENOID VALVE BURKERT	
400	90224-0078	-		1	CONNECTION	
520	312101-0327	-		4	SCREW M6S5X12FZB	
540	312111-0471	-		2	SCREW MC6S8X100FZB	
560	315101-0146	-		4	WASHER BRB 5,3x10 FZB	
580	315233-0109	-		1	PLAIN ROUND,NYLON R1/8"	
600	315233-0110	-		4	PLAIN ROUND,NYLON R1/4"	
620	315233-0111	-		7	PLAIN ROUND,NYLON R3/8"	
640	315233-0113	-		1	PLAIN ROUND,NYLON R1/2"	
660	342704-0114	-		1	ACCESSORIES,FERRULE 15-MSG	
680	342713-0209	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G1/8"	
700	342713-0210	-		2	PLUG,EXT.THREAD,HEXAGON SOCKET 1/4"Brass	
720	342713-0211	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G3/8"	
760	342736-0115	-		1	ELBOW CONNECTION W-16	
780	342921-0122	-		2	STRAIGHT COUPLING,EXT.THREADED 1511 8/6-	
800	342921-0123	-		2	STRAIGHT COUPLING,EXT.THREADED 8/6-G3/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

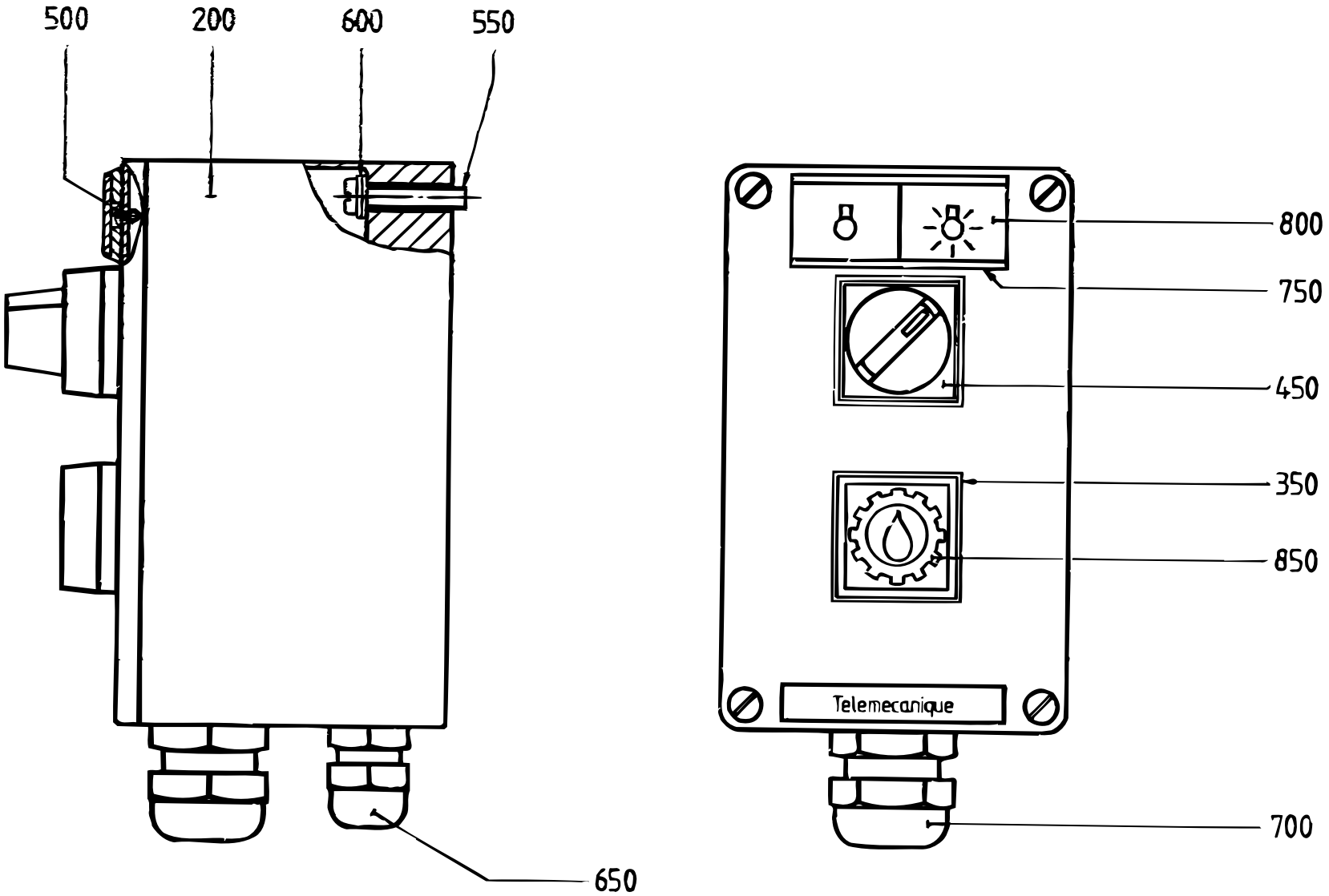
NON-RETURN VALVE



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	751086-0000	D		2	NIPPLE	
020	90230-0028	M		1	NON-RETURN VALVE	
030	315233-0111	-		2	PLAIN ROUND,NYLON R3/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

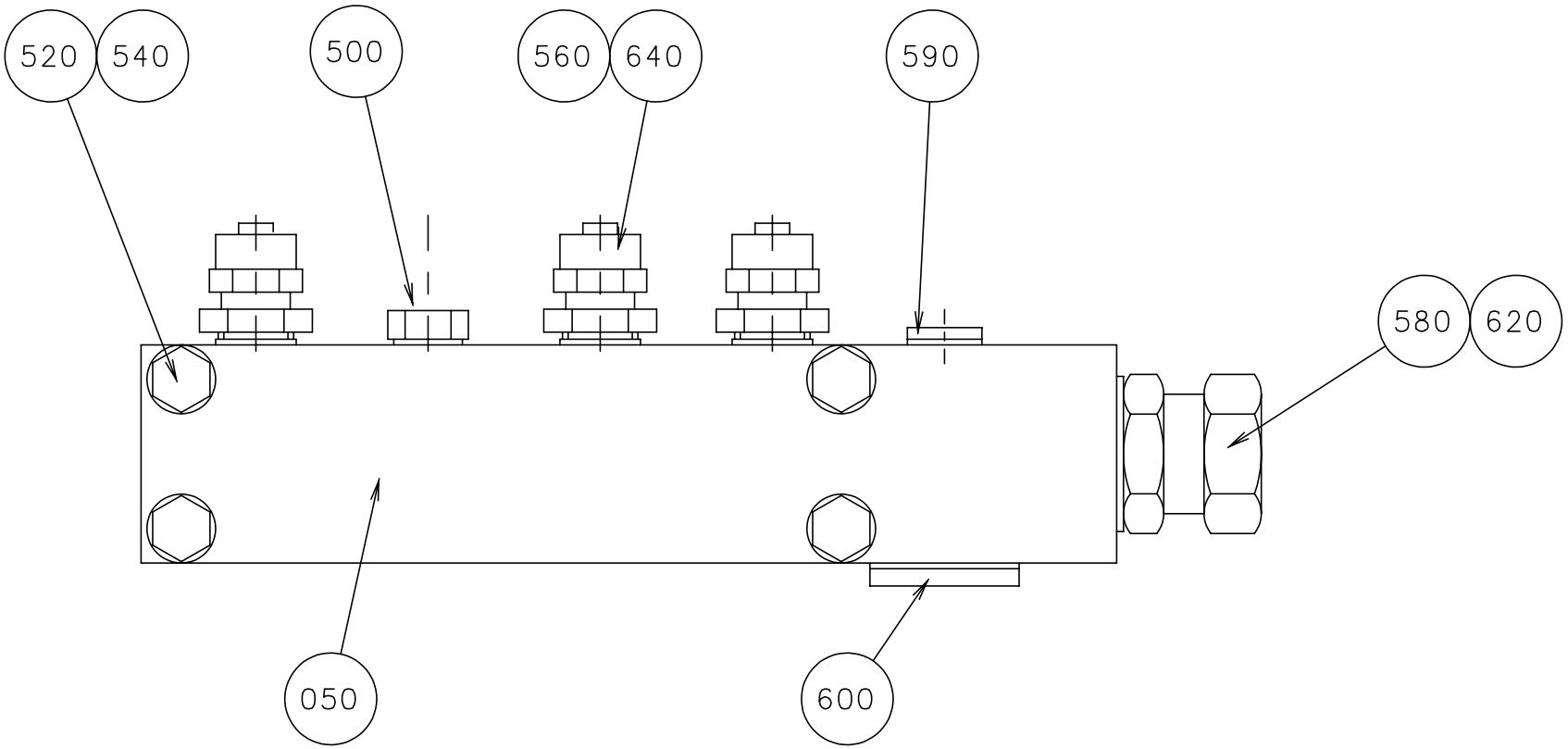
PUSH BUTTON BOX



Pos	Part No	SP	UN	Qty	Description	Page No
-						
200	B 456883-0000	-		1	PUSH BUTTON BOX	
350	90064-0084	R		1	PUSH BUTTON YELLOW	
450	90111-0120	R		1	SWITCH 2 POS. EA OLTEN	
500	311520-0329	-		2	BLANK RIVET 2,4x8mm	
550	312121-0333	-		2	SLOTTED HEMCS5X25FZB	
600	315101-0146	-		2	WASHER BRB 5,3x10 FZB	
650	352103-0101	-		1	CABLE GLAND ST 9;PR15,2/PG9	
700	352103-0110	-		1	CABLE GLAND STR 16	
750	359240-0100	-		1	SIGN HOLDER	
800	359241-0140	-		1	SIGN "LIGHTING MACHINE"	
850	359301-0125	-		1	SIGN "LUBRICATION"	

Pos	Part No	SP	UN	Qty	Description	Page No

JUNCTION BLOCK

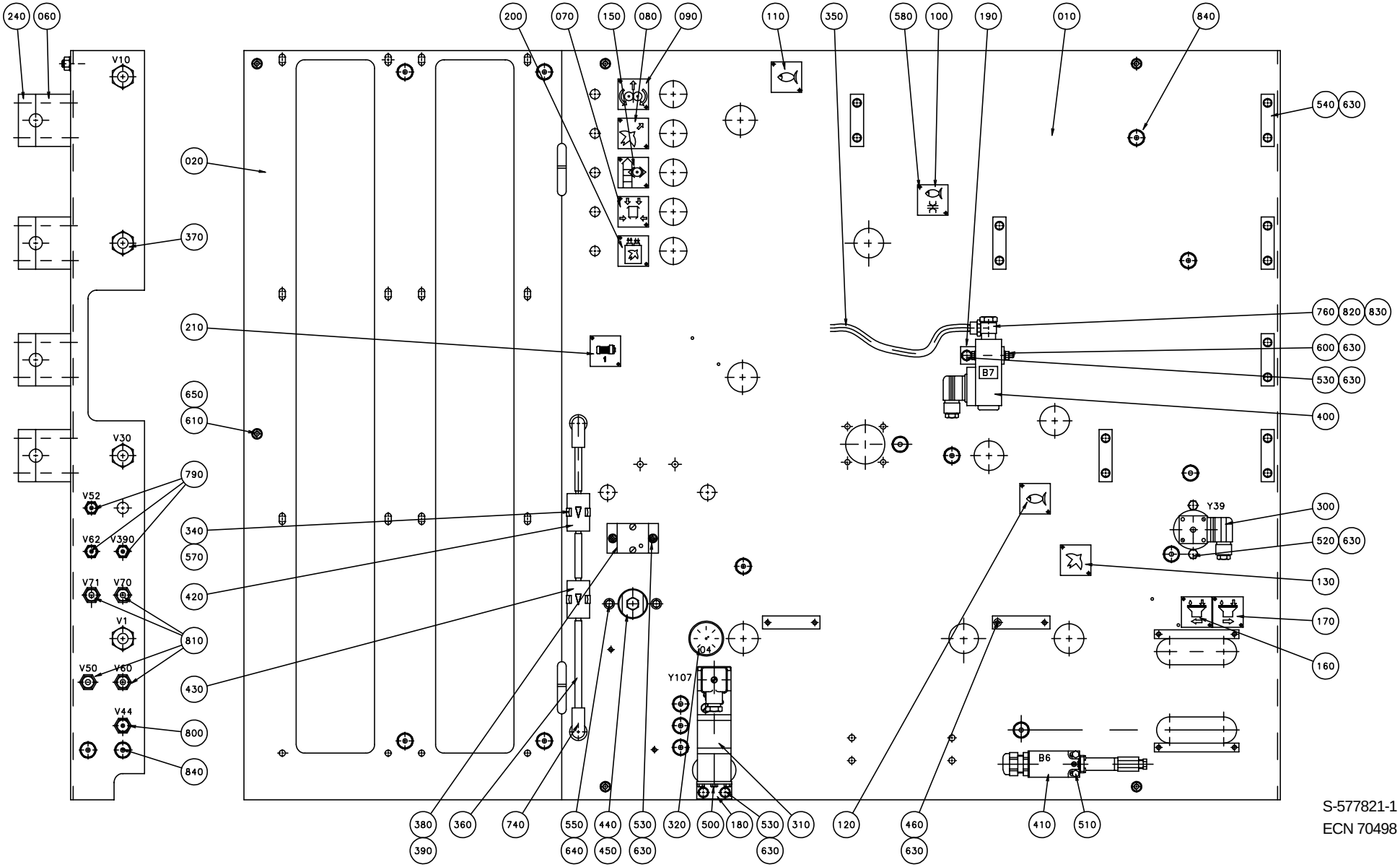


S-469121-3
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
-						
050	469122-0000	-		1	BLOCK	
500	90330-0066	-		1	PLUG,EXTERNAL G-THREAD G1/8"	
520	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
540	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
560	315233-0109	-		3	PLAIN ROUND,NYLON R1/8"	
580	315233-0113	-		1	PLAIN ROUND,NYLON R1/2"	
590	342713-0209	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G1/8"	
600	342713-0213	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G1/2"	
620	342720-0114	-		1	STRAIGHT CONNECTION GA-15-G1/2"	
640	342921-0121	-		3	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

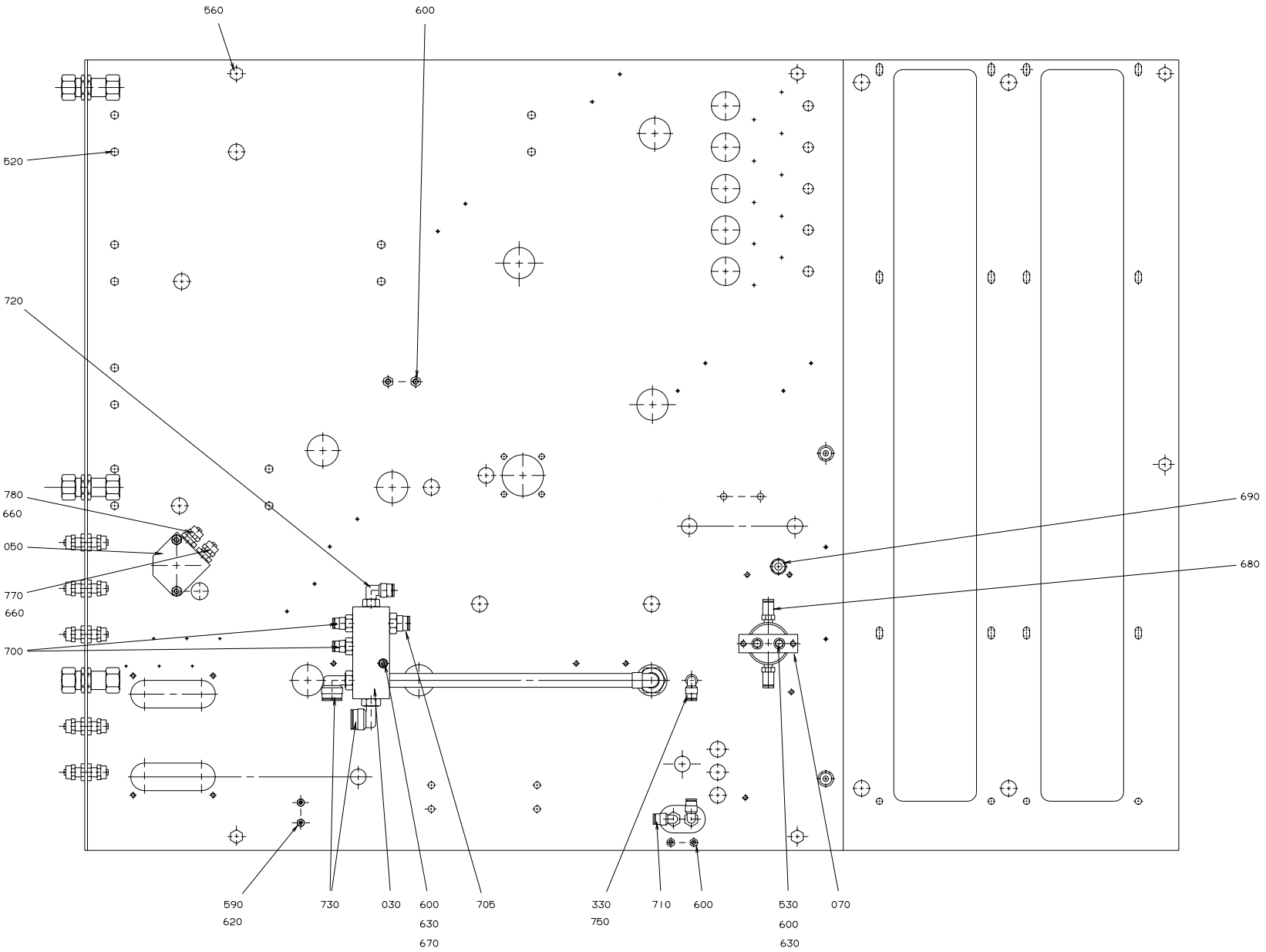
VALVE PLATE



S-577821-1
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	576284-0000	-		1	PLATE	
020	979436-0000	-		1	PLATE	
030	576294-0000	-		1	JUNCTION BLOCK	
040	295496-0000	-		1	BLOCKING PIECE	
050	576286-0000	-		7	HOLDER	
060	491649-0000	-		1	BRACKET	
070	273449-0000	-		1	SIGN	
080	273450-0000	-		1	SIGN	
090	273452-0000	-		1	SIGN	
100	273454-0000	-		1	SIGN	
110	273455-0000	-		1	LABEL (COLD WATER)	
120	273456-0000	-		1	SIGN	
130	273458-0000	-		1	LABEL (AIR)	
150	295425-0000	-		1	SIGN	
160	445533-0000	-		1	SIGN	
170	445534-0000	-		1	SIGN	
180	577828-0000	-		1	BRACKET	
190	577829-0000	-		1	BRACKET	
200	978603-0000	-		1	SIGN	
210	979421-0000	-		1	SIGN	
240	979446-0000	-		7	HOLDER	
300	90042-0173	M		1	SOLENOID VALVE BURKERT	
310	90042-0234	M		1	SOLENOID VALVE FAIRCHILD TD6000-45	
320	90043-0069	M		1	PRESSURE GAUGE 0-4Bar Wiegand 2040	
330	90055-0117	-		1	ELBOW PIPE JOINT "REPL.BY 90055-217"	
335	90055-0118	-		2	ELBOW PIPE JOINT -8mm	
340	90165-0019	-		2	CLIP	
350	90166-0118	-	MM	200	TUBE 8 mm PA Black	
360	90166-0194	-	M	1	TUBE 8 mm PUR Blue	
370	90224-0296	-		4	GROMMET	
380	90235-0450	-		1	PLATE	
390	90235-0708	-		1	VALVE	
400	90274-0056	M		1	PRESSURE SWITCH	
410	90274-0084	M		1	PRESSURE SWITCH	
420	90277-0045	G		1	FILTER	
430	90277-0046	-		1	FILTER	
440	90277-0323	D		1	FILTER HOUSING	
450	90277-0324	J		1	FILTER CARTRIDGE	
460	90287-0215	-		1	SCREW, MC6S DIN912, M5x130 12,9	
500	312105-0289	-		3	SCREW M6S4X10 A2 80	
510	312105-0299	-		2	SCREW M6S ISO 4014 M4X30 A280	
520	312105-0327	-		18	SCREW M6S ISO 4017 M5X12 A280	
530	312105-0329	-		6	SCREW M6S ISO 4017 M5x16 A280	
540	312105-0335	-		14	SCREW M6S ISO 4017 M5x30 A280	
545	312105-0339	-		1	SCREW M6S ISO 4014 M5X40 A280	
550	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
555	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
560	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
570	312125-0220	-		2	SLOTTED HEMCS3X6RFR	
580	312502-0120	-		28	DRIVE SCREW ROUND HEAD SMS 1549 KDS 0X5	
590	312605-0312	-		2	NUT,HEXAGON,M4 RFR	
600	312605-0314	-		5	NUT,HEXAGON,M6M5 Stainless	
610	312605-0318	-		6	NUT,HEXAGON,M8 RFR	
620	315105-0136	-		7	WASHER,PLAIN ROUND 4,3x8 Stainless	
630	315105-0146	-		45	WASHER,PLAIN ROUND 5,3x10 Stainless	
640	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
650	315105-0165	-		6	WASHER,PLAIN ROUND 8,4x16 Stainless	
660	315233-0109	-		2	PLAIN ROUND,NYLON R1/8"	
670	341001-0148	-	MM	17	COPPER TUBE	
675	342716-0203	-		1	REDUCER 6-8	
680	342722-0203	-		2	STRAIGHT COUPLING	
690	342722-0204	-		1	PIPE COUPLING	
700	342722-0205	-		2	STRAIGHT COUPLING D=8-R1/4"	
705	342722-0210	-		1	STRAIGHT COUPLING D=12-R3/8"	
720	342732-0103	-		3	ELBOW PIPE JOINT	
730	342732-0110	-		2	ELBOW PIPE JOINT	
740	342735-0103	-		2	ELBOW PIPE JOINT	
750	342770-0105	-		1	HOSE COUPLING	
770	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
780	342921-0121	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
790	342960-0112	-		1	BULKHEAD COUPLING 6/4	
810	342960-0122	-		6	BULKHEAD COUPLING 8/6	
820	342980-0122	-		1	BANJO-CONNECTION,RING 8/6-G1/4"	
830	342980-0304	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	
840	352101-0103	-		17	LEAD IN PR 18,6	

VALVE PLATE



S-577821-2
ECN 22624

Pos	Part No	SP	UN	Qty	Description	Page No
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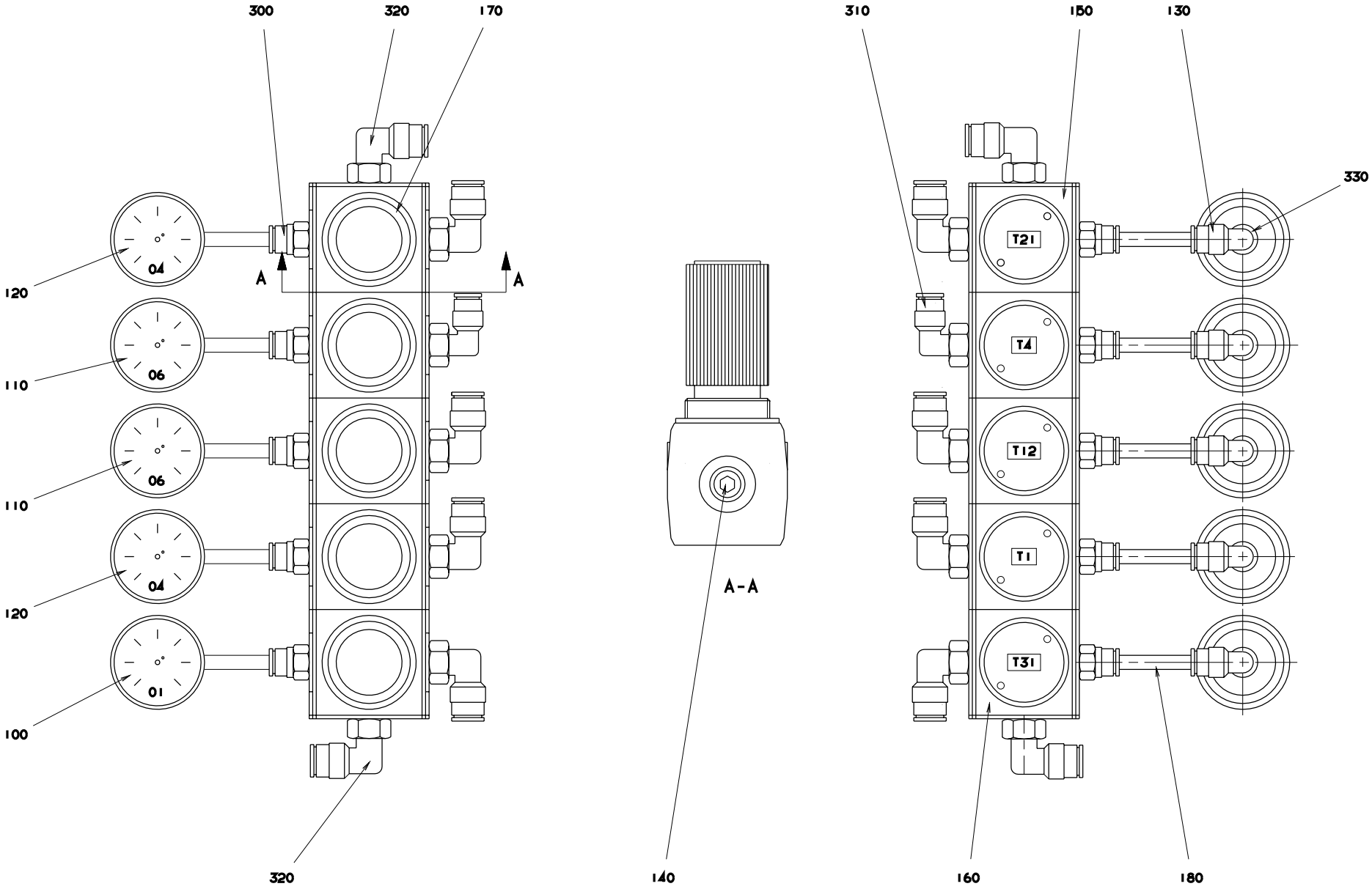
010	576284-0000	-		1	PLATE	
020	979436-0000	-		1	PLATE	
030	576294-0000	-		1	JUNCTION BLOCK	
040	295496-0000	-		1	BLOCKING PIECE	
050	576286-0000	-		7	HOLDER	
060	491649-0000	-		1	BRACKET	
070	273449-0000	-		1	SIGN	
080	273450-0000	-		1	SIGN	
090	273452-0000	-		1	SIGN	
100	273454-0000	-		1	SIGN	
110	273455-0000	-		1	LABEL (COLD WATER)	
120	273456-0000	-		1	SIGN	
130	273458-0000	-		1	LABEL (AIR)	
150	295425-0000	-		1	SIGN	
160	445533-0000	-		1	SIGN	
170	445534-0000	-		1	SIGN	
180	577828-0000	-		1	BRACKET	
190	577829-0000	-		1	BRACKET	
200	978603-0000	-		1	SIGN	
210	979421-0000	-		1	SIGN	
240	979446-0000	-		7	HOLDER	
300	90042-0173	M		1	SOLENOID VALVE BURKERT	
310	90042-0234	M		1	SOLENOID VALVE FAIRCHILD TD6000-45	
320	90043-0069	M		1	PRESSURE GAUGE 0-4Bar Wiegand 2040	
330	90055-0117	-		1	ELBOW PIPE JOINT "REPL.BY 90055-217"	
335	90055-0118	-		2	ELBOW PIPE JOINT -8mm	
340	90165-0019	-		2	CLIP	
350	90166-0118	-	MM	200	TUBE 8 mm PA Black	
360	90166-0194	-	M	1	TUBE 8 mm PUR Blue	
370	90224-0296	-		4	GROMMET	
380	90235-0450	-		1	PLATE	
390	90235-0708	-		1	VALVE	
400	90274-0056	M		1	PRESSURE SWITCH	
410	90274-0084	M		1	PRESSURE SWITCH	
420	90277-0045	G		1	FILTER	
430	90277-0046	-		1	FILTER	
440	90277-0323	D		1	FILTER HOUSING	
450	90277-0324	J		1	FILTER CARTRIDGE	
460	90287-0215	-		1	SCREW, MC6S DIN912, M5x130 12,9	
500	312105-0289	-		3	SCREW M6S4X10 A2 80	
510	312105-0299	-		2	SCREW M6S ISO 4014 M4X30 A280	
520	312105-0327	-		18	SCREW M6S ISO 4017 M5X12 A280	
530	312105-0329	-		6	SCREW M6S ISO 4017 M5x16 A280	
540	312105-0335	-		14	SCREW M6S ISO 4017 M5x30 A280	
545	312105-0339	-		1	SCREW M6S ISO 4014 M5X40 A280	
550	312105-0380	-		2	SCREW M6S ISO 4014 M6x50 A280	
555	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
560	312105-0451	-		6	SCREW M6S ISO 4017 8x20 A280	
570	312125-0220	-		2	SLOTTED HEMCS3X6RFR	
580	312502-0120	-		28	DRIVE SCREW ROUND HEAD SMS 1549 KDS 0X5	
590	312605-0312	-		2	NUT,HEXAGON,M4 RFR	
600	312605-0314	-		5	NUT,HEXAGON,M6M5 Stainless	
610	312605-0318	-		6	NUT,HEXAGON,M8 RFR	
620	315105-0136	-		7	WASHER,PLAIN ROUND 4,3x8 Stainless	
630	315105-0146	-		45	WASHER,PLAIN ROUND 5,3x10 Stainless	
640	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
650	315105-0165	-		6	WASHER,PLAIN ROUND 8,4x16 Stainless	
660	315233-0109	-		2	PLAIN ROUND,NYLON R1/8"	
670	341001-0148	-	MM	17	COPPER TUBE	
675	342716-0203	-		1	REDUCER 6-8	
680	342722-0203	-		2	STRAIGHT COUPLING	
690	342722-0204	-		1	PIPE COUPLING	
700	342722-0205	-		2	STRAIGHT COUPLING D=8-R1/4"	
705	342722-0210	-		1	STRAIGHT COUPLING D=12-R3/8"	
720	342732-0103	-		3	ELBOW PIPE JOINT	
730	342732-0110	-		2	ELBOW PIPE JOINT	
740	342735-0103	-		2	ELBOW PIPE JOINT	
750	342770-0105	-		1	HOSE COUPLING	
770	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
780	342921-0121	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
790	342960-0112	-		1	BULKHEAD COUPLING 6/4	
810	342960-0122	-		6	BULKHEAD COUPLING 8/6	
820	342980-0122	-		1	BANJO-CONNECTION,RING 8/6-G1/4"	
830	342980-0304	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	
840	352101-0103	-		17	LEAD IN PR 18,6	

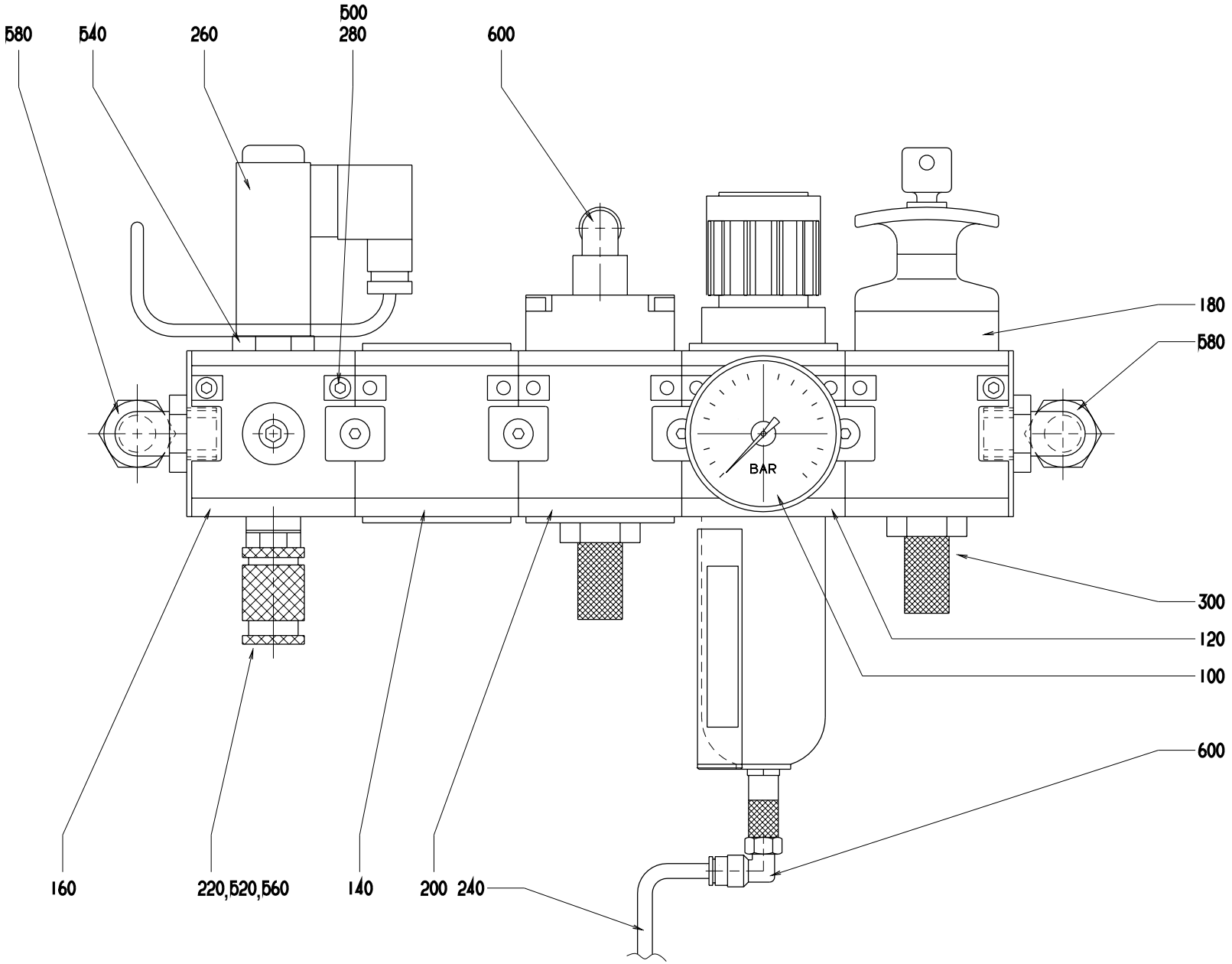
PRESSURE REGULATOR GROUP



Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	90043-0021	R		1	PRESSURE GAUGE Wiegand 0-1 BAR 1/8"	
110	90043-0068	R		2	PRESSURE GAUGE	
120	90043-0069	R		2	PRESSURE GAUGE 0-4Bar Wiegand 2040	
130	90055-0117	-		5	ELBOW PIPE JOINT "REPL.BY 90055-217"	
140	90087-0036	-		1	PLUG	
150	90113-0069	M		4	PRESSURE REGULATOR	
160	90113-0076	M		1	PRESSURE REGULATOR	
170	90113-0379	-		5	NUT	
180	90166-0081	-	MM	500	TUBE 4 mm PA Blue	
300	342722-0202	-		5	PIPE COUPLING 1/8" D=6mm	
310	342732-0103	-		1	ELBOW PIPE JOINT	
320	342732-0104	-		6	ELBOW PIPE JOINT	
330	342770-0105	-		5	HOSE COUPLING	

Pos	Part No	SP	UN	Qty	Description	Page No

AIR INLET GROUP

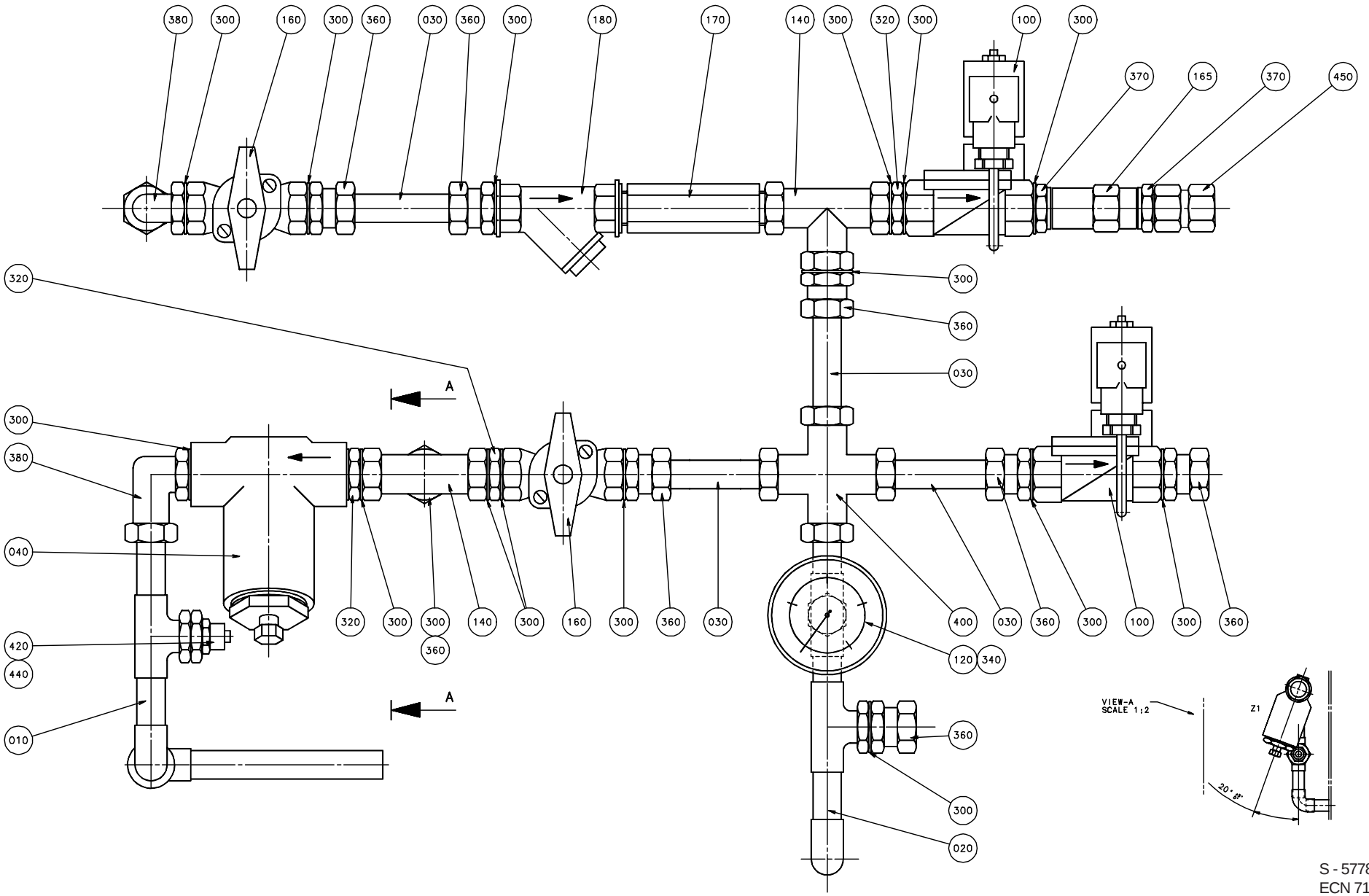


S-577823-1
ECN 20485

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	90043-0036	R		1	PRESSURE GAUGE	
120	B 90113-0072	D		1	PRESSURE REGULATOR	
140	90113-0374	D		1	SLOW STARTING VALVE	
160	90113-0375	D		1	PRESSURE DISTRIBUTION	
180	90113-0377	D		1	SHUT-OFF VALVE	
200	90113-0378	D		1	SHUT-OFF VALVE	
220	90163-0016	-		1	SLEEVE	
240	90166-0081	-	M	2	TUBE 4 mm PA Blue	
260	90274-0074	M		1	PRESSURE SWITCH	
280	90287-0212	-		3	SCREW, MC6S DIN912, M5x85 12,9	
300	90328-0001	R		1	SILENCER	
500	315101-0146	-		3	WASHER BRB 5,3x10 FZB	
520	315233-0110	-		1	PLAIN ROUND,NYLON R1/4"	
540	342700-0205	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G1/2"-G1/4"	
550	342701-0201	-		1	BUSHING,INT./EXT.G-THREAD G1/4"-G1/8"	
560	342701-0205	-		1	BUSHING,INT./EXT.G-THREAD G1/2"-G1/4"	
580	342730-0114	-		2	ELBOW CONNECTION WA-15-1/2"	
600	342732-0801	-		3	ELBOW PIPE JOINT	

Pos	Part No	SP	UN	Qty	Description	Page No

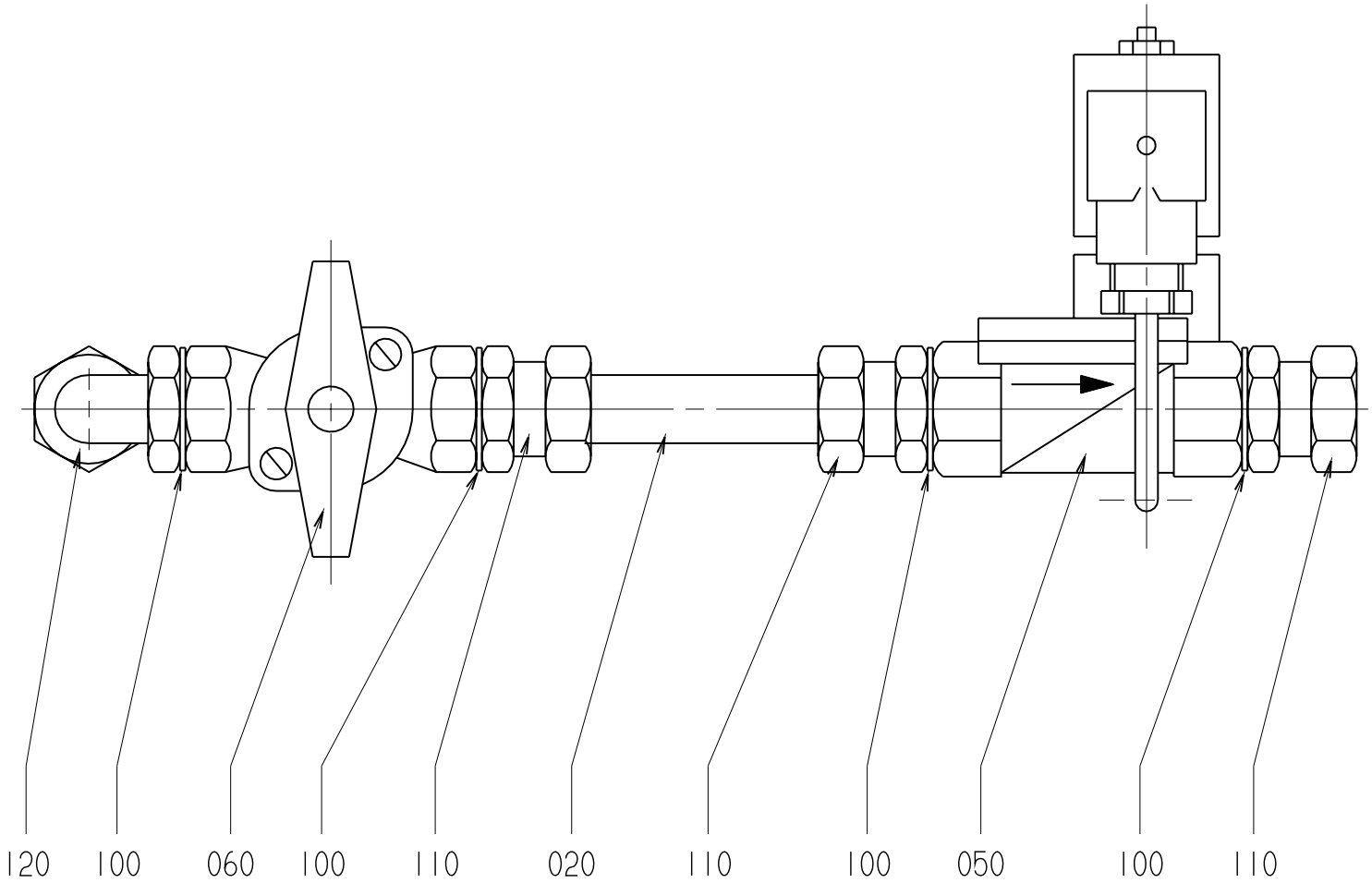
COOL WATER VALVE



S - 577824-1
ECN 71846

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	576289-0000	-		1	PIPE	
020	576288-0000	-		1	PIPE	
030	576287-0000	-		4	PIPE	
040	B 271823-0000	D		1	FILTER	
100	B 90042-0172	M		2	SOLENOID VALVE 4023/1005/1032 24VDC	
120	90043-0006	R		1	PRESSURE GAUGE	
140	90140-0010	-		2	T-PIPE,INTERNAL THREAD Rp1/2"	
160	90187-0029	R		2	VALVE	
165	90270-0347	R		1	VALVE	
170	90415-0018	M		1	FILTER	
180	90415-0019	M		1	FILTER	
300	315233-0113	-		16	PLAIN ROUND,NYLON R1/2"	
320	342700-0113	-		3	NIPPLES,HEXAGON,EXT.G-THREAD G1/2"-G1/2"	
340	342701-0202	-		1	BUSHING,INT./EXT.G-THREAD G3/8"-G1/8"	
360	342720-0114	-		8	STRAIGHT CONNECTION GA-15-G1/2"	
370	342723-0114	-		1	STRAIGHT PIPE CONNECTION GAI-15-G1/2"	
380	342730-0114	-		2	ELBOW CONNECTION WA-15-1/2"	
400	342753-0114	-		1	CROSS CONNECTION K-15	
420	342903-0121	-		1	NUT WITH SPRING 8/6-M12X1	
440	342920-0123	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R3/8"	
450	90330-0019	-		2	NIPPLES,HEXAGON,EXT.R-THREAD R1/2"-R3/8"	

Pos	Part No	SP	UN	Qty	Description	Page No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Pos	Part No	SP	UN	Qty	Description	Page No
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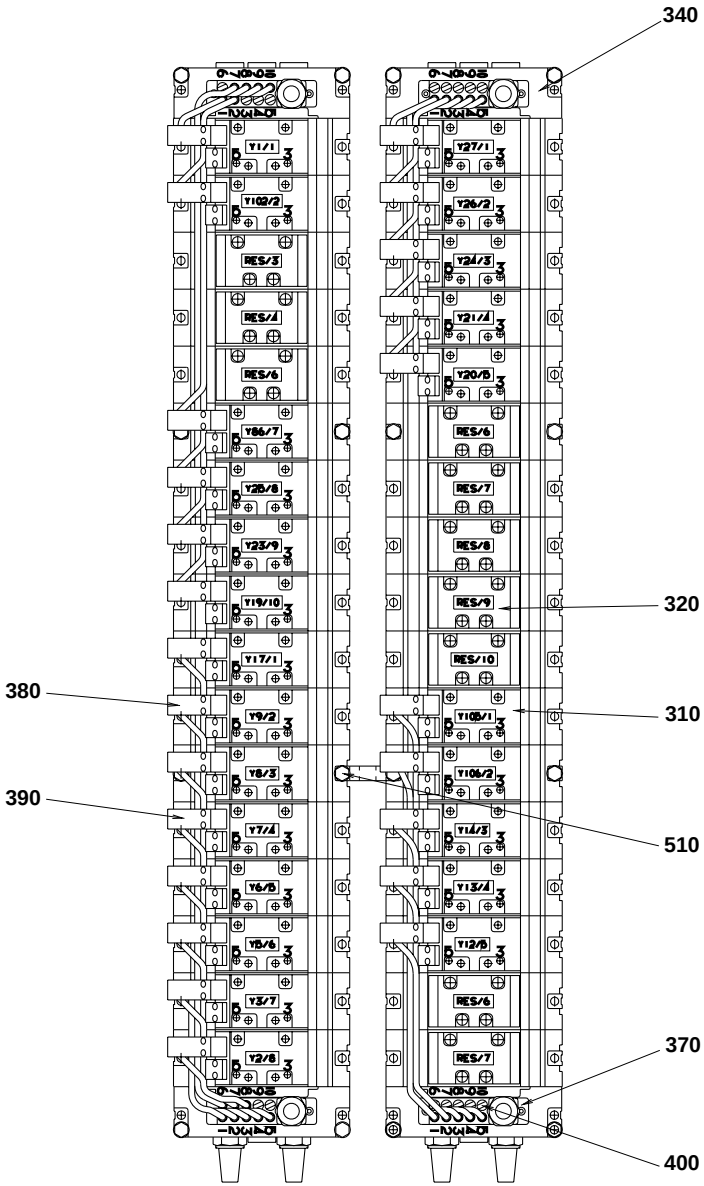
060	90187-0029	R		1	VALVE	
100	315233-0113	-		4	PLAIN ROUND,NYLON R1/2"	
110	342720-0114	-		3	STRAIGHT CONNECTION GA-15-G1/2"	
120	342730-0114	-		1	ELBOW CONNECTION WA-15-1/2"	

Pos	Part No	SP	UN	Qty	Description	Page No

VALVE GROUP



Pos	Part No	SP	UN	Qty	Description	Page No
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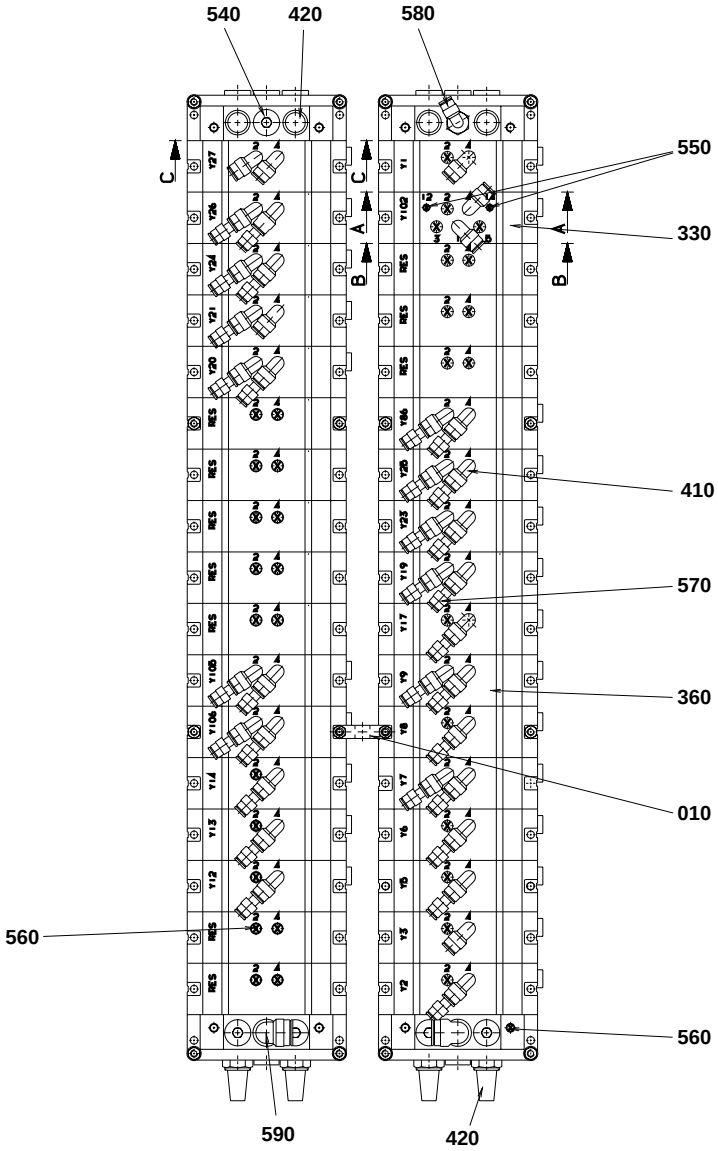
320	90042-0519	-		10	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		13	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		16	PROTECTION PLUG MECMAN	
410	90055-0118	-		39	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		35	BLIND PLUG	
570	342716-0203	-		32	REDUCER 6-8	
PT19						
310	90042-0215	I		23	SOLENOID VALVE 07931 067 18 ISO 1	
320	90042-0519	-		12	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		11	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		18	PROTECTION PLUG MECMAN	
410	90055-0118	-		35	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		39	BLIND PLUG	
570	342716-0203	-		28	REDUCER 6-8	
Common parts						
010	978744-0000	-		1	HOLDER	
020	979219-0000	-		16	SPACER PIPE	
330	90042-0520	-		1	BASE PLATE MECMAN	
340	90042-0522	-		4	END PIECE MECMAN 07931 080 01	
350	90042-0528	-		1	SEAL KIT MECMAN	
360	90042-0532	-		33	PNEUMATIC,VALVES,PLATE MECMAN	
370	90042-0535	-		4	CONNECTION BOARD MECMAN	
390	90042-0539	I		12	COIL Mecman series 590 L=350mm	
420	90328-0007	M		8	SILENCER	
500	312105-0376	-		14	SCREW M6S ISO 4017 M6x35 A280	
510	312105-0382	-		2	SCREW M6S ISO 4014 M6x60 A280	
520	312605-0316	-		16	NUT,HEXAGON A280 M6M6	
530	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342713-0211	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G3/8"	
550	342715-0100	-		2	PLUG	
580	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
590	342732-0110	-		2	ELBOW PIPE JOINT	

Pos	Part No	SP	UN	Qty	Description	Page No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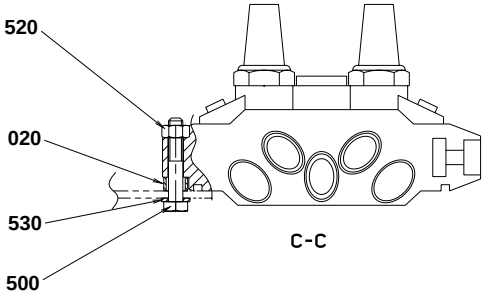
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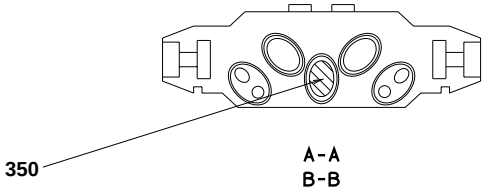
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Pos	Part No	SP	UN	Qty	Description	Page No
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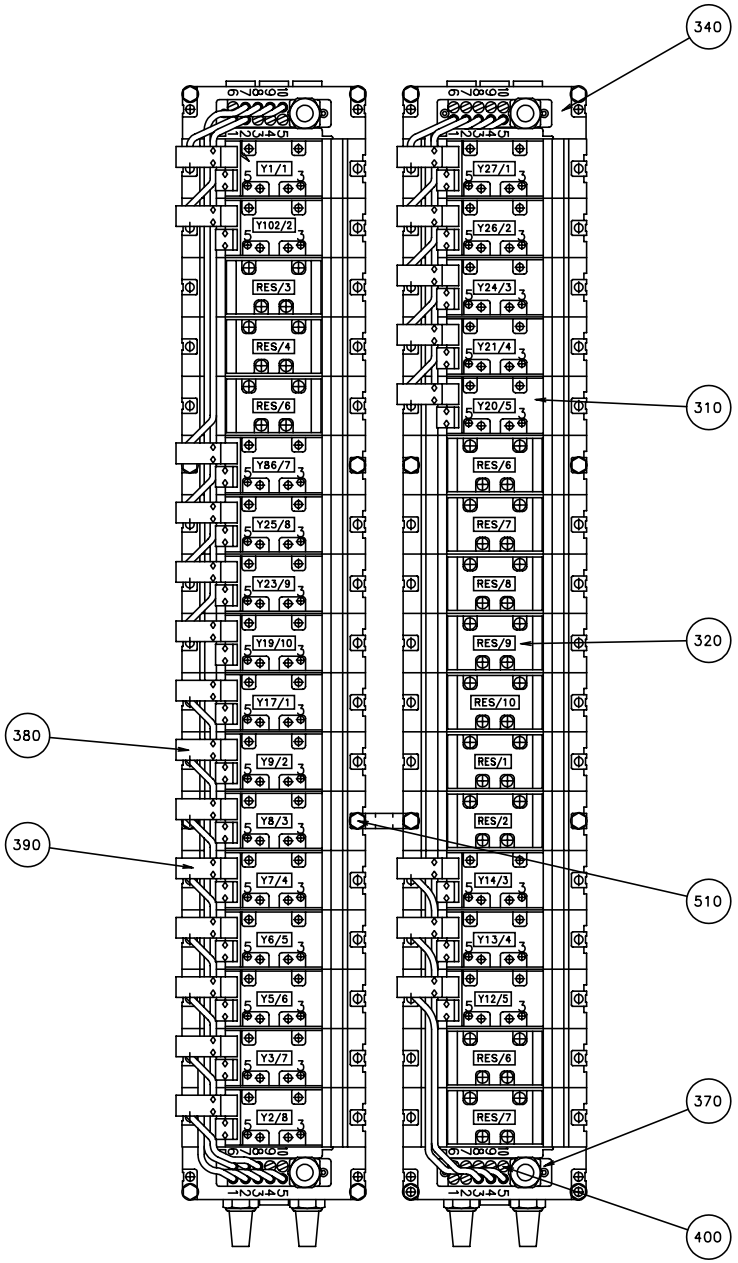
320	90042-0519	-		10	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		13	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		16	PROTECTION PLUG MECMAN	
410	90055-0118	-		39	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		35	BLIND PLUG	
570	342716-0203	-		32	REDUCER 6-8	
PT19						
310	90042-0215	I		23	SOLENOID VALVE 07931 067 18 ISO 1	
320	90042-0519	-		12	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		11	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		18	PROTECTION PLUG MECMAN	
410	90055-0118	-		35	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		39	BLIND PLUG	
570	342716-0203	-		28	REDUCER 6-8	
Common parts						
010	978744-0000	-		1	HOLDER	
020	979219-0000	-		16	SPACER PIPE	
330	90042-0520	-		1	BASE PLATE MECMAN	
340	90042-0522	-		4	END PIECE MECMAN 07931 080 01	
350	90042-0528	-		1	SEAL KIT MECMAN	
360	90042-0532	-		33	PNEUMATIC,VALVES,PLATE MECMAN	
370	90042-0535	-		4	CONNECTION BOARD MECMAN	
390	90042-0539	I		12	COIL Mecman series 590 L=350mm	
420	90328-0007	M		8	SILENCER	
500	312105-0376	-		14	SCREW M6S ISO 4017 M6x35 A280	
510	312105-0382	-		2	SCREW M6S ISO 4014 M6x60 A280	
520	312605-0316	-		16	NUT,HEXAGON A280 M6M6	
530	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342713-0211	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G3/8"	
550	342715-0100	-		2	PLUG	
580	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
590	342732-0110	-		2	ELBOW PIPE JOINT	

Pos	Part No	SP	UN	Qty	Description	Page No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390
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370
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Y102/2
RES/3
RES/4
RES/6
Y86/7
Y25/8
Y23/9
Y19/10
Y17/1
Y9/2
Y8/3
Y7/4
Y6/5
Y5/6
Y3/7
Y2/8
Y27/1
Y26/2
Y24/3
Y21/4
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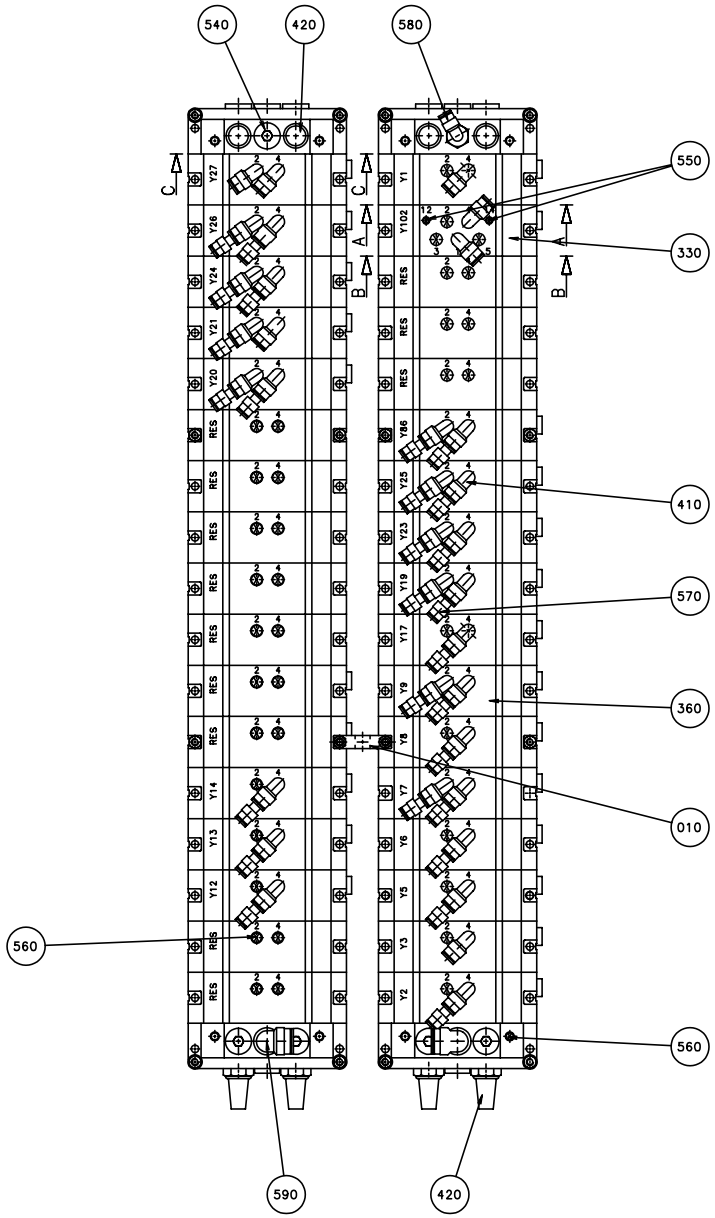
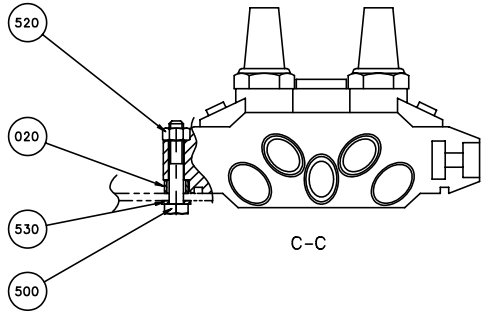
RES/10
RES/1
RES/2
Y14/3
Y13/4
Y12/5
RES/6
RES/7

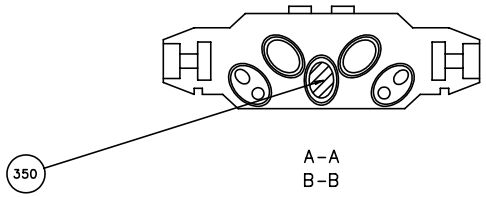
Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
310	90042-0215	I		25	SOLENOID VALVE 07931 067 18 ISO 1	
320	90042-0519	-		10	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		13	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		16	PROTECTION PLUG MECMAN	
410	90055-0118	-		39	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		35	BLIND PLUG	
570	342716-0203	-		32	REDUCER 6-8	
PT19						
310	90042-0215	I		23	SOLENOID VALVE 07931 067 18 ISO 1	
320	90042-0519	-		12	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		11	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		18	PROTECTION PLUG MECMAN	
410	90055-0118	-		35	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		39	BLIND PLUG	
570	342716-0203	-		28	REDUCER 6-8	
Common parts						
010	978744-0000	-		1	HOLDER	
020	979219-0000	-		16	SPACER PIPE	
330	90042-0520	-		1	BASE PLATE MECMAN	
340	90042-0522	-		4	END PIECE MECMAN 07931 080 01	
350	90042-0528	-		1	SEAL KIT MECMAN	
360	90042-0532	-		33	PNEUMATIC,VALVES,PLATE MECMAN	
370	90042-0535	-		4	CONNECTION BOARD MECMAN	
390	90042-0539	I		12	COIL Mecman series 590 L=350mm	
420	90328-0007	M		8	SILENCER	
500	312105-0376	-		14	SCREW M6S ISO 4017 M6x35 A280	
510	312105-0382	-		2	SCREW M6S ISO 4014 M6x60 A280	
520	312605-0316	-		16	NUT,HEXAGON A280 M6M6	
530	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342713-0211	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G3/8"	
550	342715-0100	-		2	PLUG	
580	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
590	342732-0110	-		2	ELBOW PIPE JOINT	

Pos	Part No	SP	UN	Qty	Description	Page No

VALVE GROUP







S-577827-4
ECN 70402

Pos	Part No	SP	UN	Qty	Description	Page No
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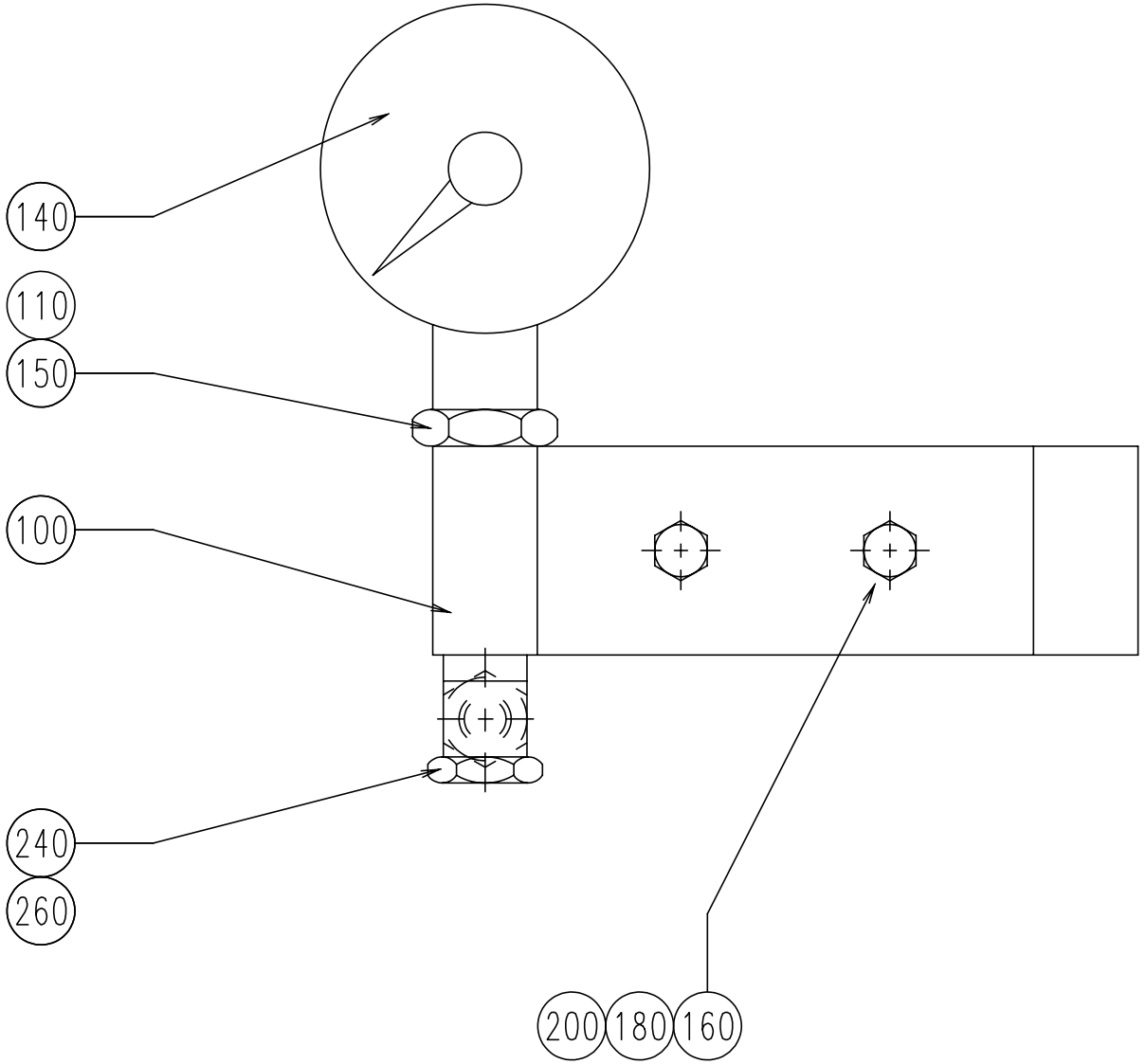
320	90042-0519	-		10	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		13	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		16	PROTECTION PLUG MECMAN	
410	90055-0118	-		39	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		35	BLIND PLUG	
570	342716-0203	-		32	REDUCER 6-8	
PT19						
310	90042-0215	I		23	SOLENOID VALVE 07931 067 18 ISO 1	
320	90042-0519	-		12	VALVES,ACCESSORIES,BLANK PLATE MECMAN	
380	90042-0538	I		11	COIL MECMAN series 590 L=500mm	
400	90042-0550	-		18	PROTECTION PLUG MECMAN	
410	90055-0118	-		35	ELBOW PIPE JOINT -8mm	
560	342715-0103	-		39	BLIND PLUG	
570	342716-0203	-		28	REDUCER 6-8	
Common parts						
010	978744-0000	-		1	HOLDER	
020	979219-0000	-		16	SPACER PIPE	
330	90042-0520	-		1	BASE PLATE MECMAN	
340	90042-0522	-		4	END PIECE MECMAN 07931 080 01	
350	90042-0528	-		1	SEAL KIT MECMAN	
360	90042-0532	-		33	PNEUMATIC,VALVES,PLATE MECMAN	
370	90042-0535	-		4	CONNECTION BOARD MECMAN	
390	90042-0539	I		12	COIL Mecman series 590 L=350mm	
420	90328-0007	M		8	SILENCER	
500	312105-0376	-		14	SCREW M6S ISO 4017 M6x35 A280	
510	312105-0382	-		2	SCREW M6S ISO 4014 M6x60 A280	
520	312605-0316	-		16	NUT,HEXAGON A280 M6M6	
530	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
540	342713-0211	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G3/8"	
550	342715-0100	-		2	PLUG	
580	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
590	342732-0110	-		2	ELBOW PIPE JOINT	

Pos	Part No	SP	UN	Qty	Description	Page No



S-577834-1
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
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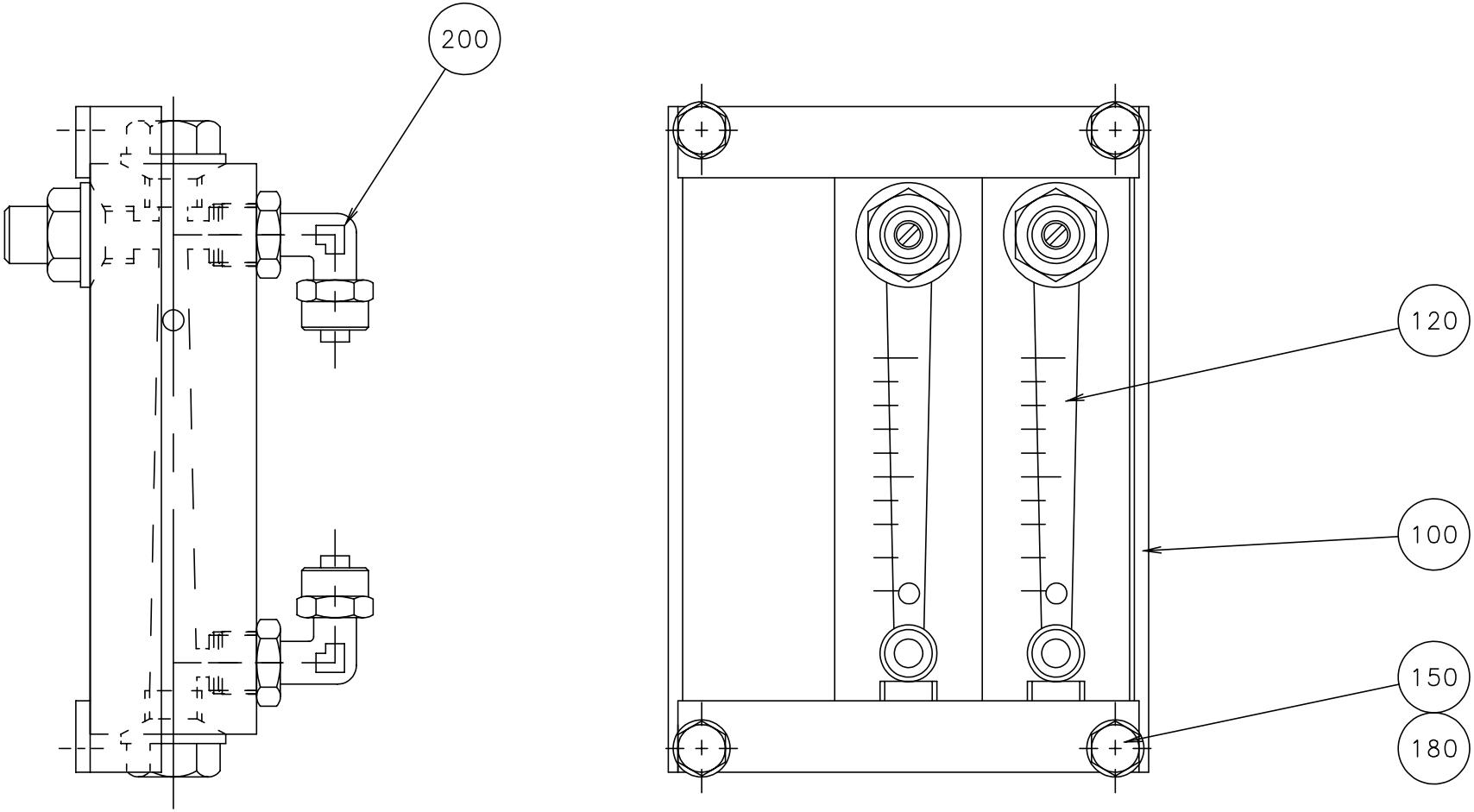
110	90005-0019	-		1	WASHER,COPPER 23/16,8x1,5 M16	
140	90043-0095	M		1	PRESSURE GAUGE	
150	90330-0120	-		1	NUT,HEXAGON G1/4"	
160	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
180	312811-0316	-		2	LOCK NUT M6RFR	
200	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
240	342797-0122	-		1	BANJO CONNECTION,RINGPIECE 6-1/4"	
260	342980-0304	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	

Pos	Part No	SP	UN	Qty	Description	Page No

FLOW METER



Pos	Part No	SP	UN	Qty	Description	Page No
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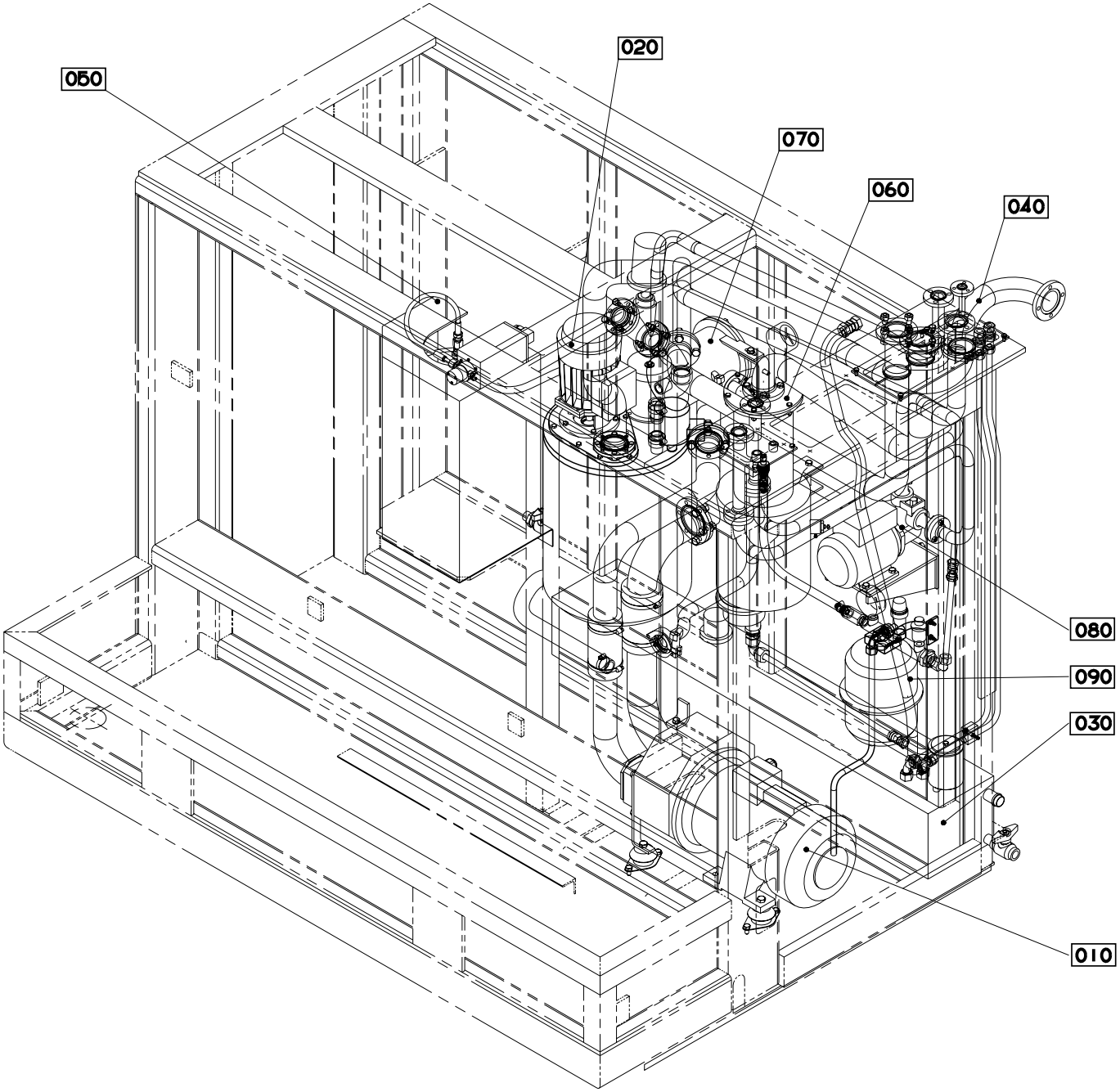
100	979136-0000	D		1	HOLDER	
120	90243-0134	R		2	FLOW METER	
150	312105-0341	-		4	SCREW M6S ISO 4014 M5X50 A280	
180	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
200	342931-0122	-		4	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/4"	

Pos	Part No	SP	UN	Qty	Description	Page No

PEROXIDE AND STERILE SYSTEM



Pos	Part No	SP	UN	Qty	Description	Page No
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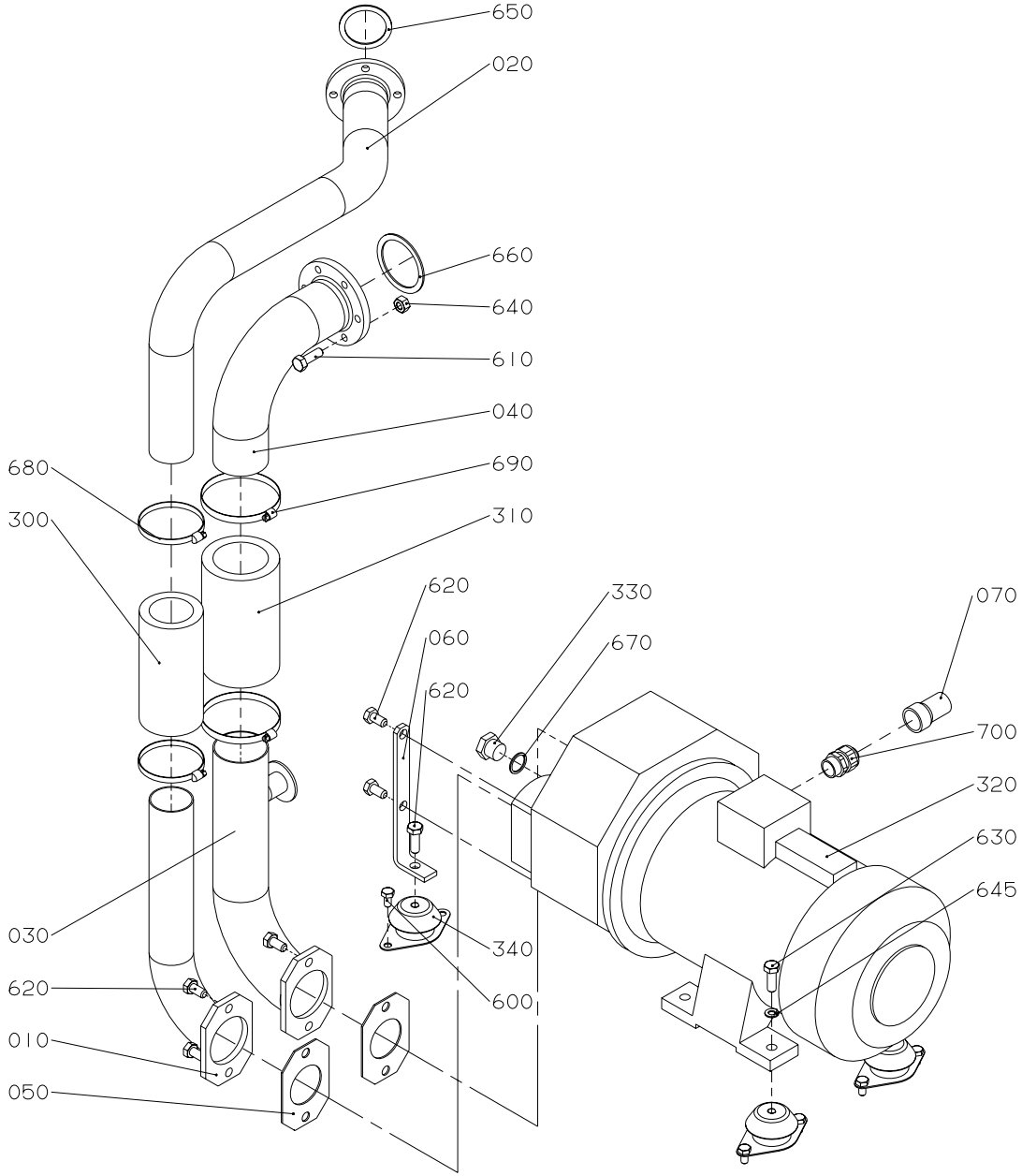
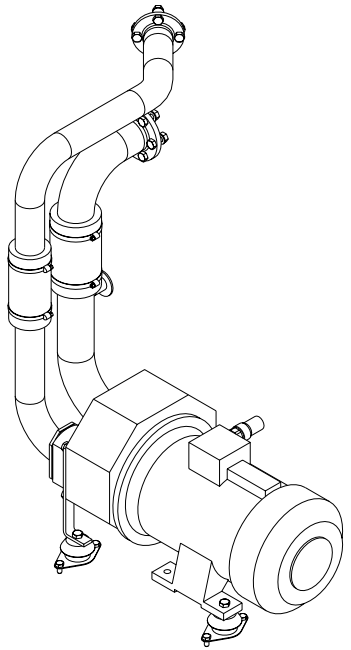
F010	A 469452-0400	-		1	COMPRESSOR UNIT	**576**
F020	A 751373-0200	-		1	PEROXIDE TANK	**578**
F030	A 751398-0300	-		1	TANK	**582**
F040	A 978835-0100	-		1	PIPE WORK	**586**
F050	A 979328-0100	-		1	CABINET	**588**
F060	A 978988-0100	-		1	SEPARATOR	**594**
F070	A 978989-0100	-		1	SCRUBBER	**596**
F080	A 979025-0100	-		1	WATER CIRCULATION	**598**
F090	A 979026-0100	-		1	WATER CIRCULATION	**600**

Pos	Part No	SP	UN	Qty	Description	Page No

COMPRESSOR UNIT





Pos	Part No	SP	UN	Qty	Description	Page No
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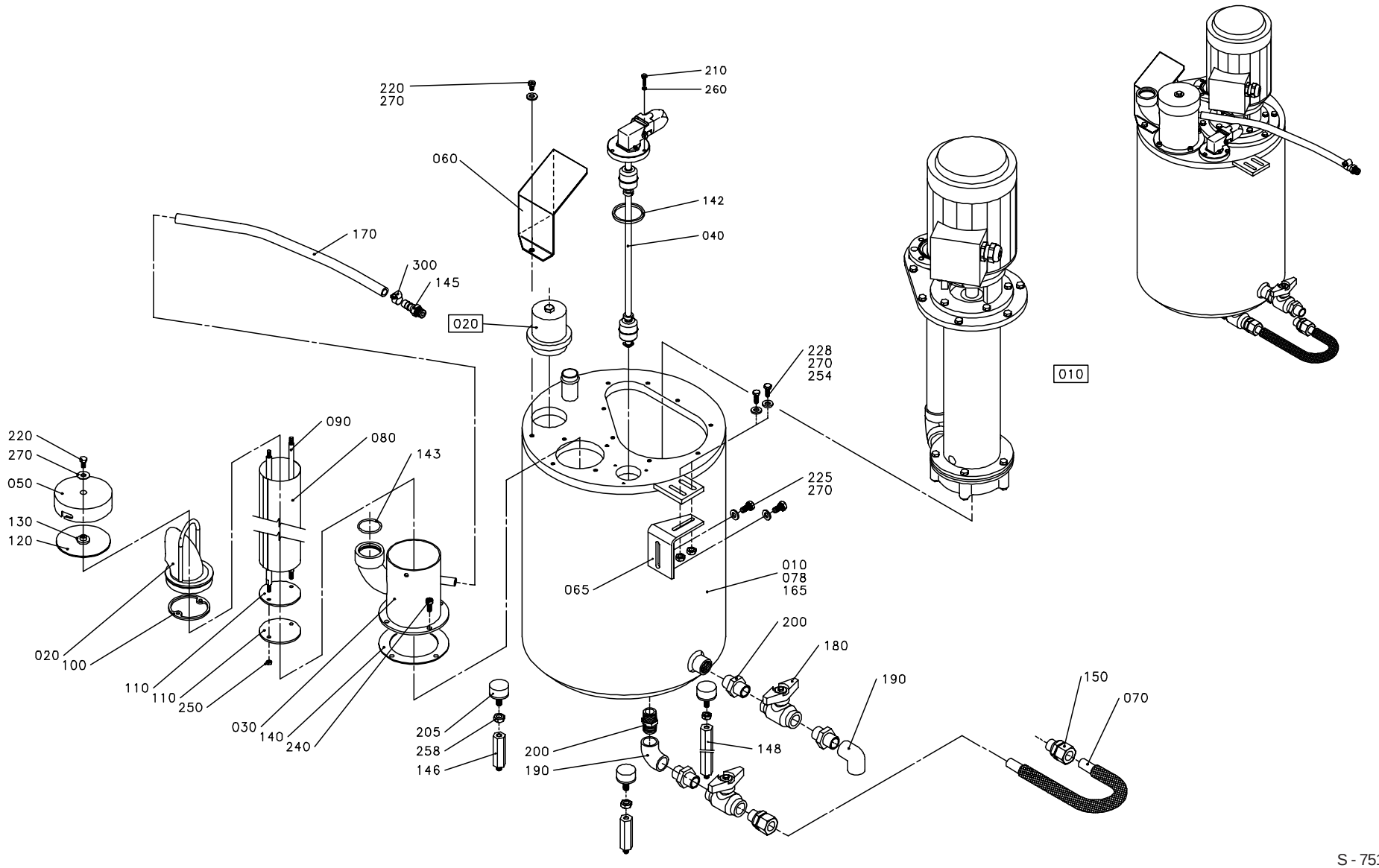
020	978964-0000	-		1	PIPE	
030	979069-0000	-		1	PIPE	
040	979070-0000	-		1	PIPE	
050	230551-0000	F		2	GASKET	
060	269859-0000	-		2	BRACKET	
070	456249-0000	-		1	PROTECTIVE COVER	
300	90166-0244	-		1	RUBBER HOSE	
310	90166-0245	-		1	RUBBER HOSE	
320	B 90270-0011	D		1	COMPRESSOR ELMO RA112"REPBY 90270-17"	
330	90330-0037	M		1	PLUG,EXTERNAL G-THREAD G1/2"	
340	90347-0144	D		4	DAMPER	
600	312105-0449	-		8	SCREW M6S ISO 4017 M8x16 A280	
610	312105-0453	-		10	SCREW M6S ISO 4017 M8x25 A280	
620	312105-0491	-		10	SCREW M6S ISO 4017 M10X20 A280	
630	312105-0495	-		2	SCREW M6S ISO 4017 M10X30 A280	
640	312605-0318	-		10	NUT,HEXAGON,M8 RFR	
645	315105-0173	-		2	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
650	315229-0105	M		1	GASKET 40535-1	
660	315229-0106	M		1	GASKET 40536-1	
670	315234-0113	K		1	PLAIN ROUND,COPPER R1/2",M20	
680	342991-0112	-		2	HOSE CLIP,WORM DRIVE TYPE (73)-83	
690	342991-0113	-		2	HOSE CLIP,WORM DRIVE TYPE (83)-93	
700	352103-0111	-		1	CABLE GLAND ST 16	

Pos	Part No	SP	UN	Qty	Description	Page No

PEROXIDE TANK



S - 751373-3
ECN 71846

Pos	Part No	SP	UN	Qty	Description	Page No
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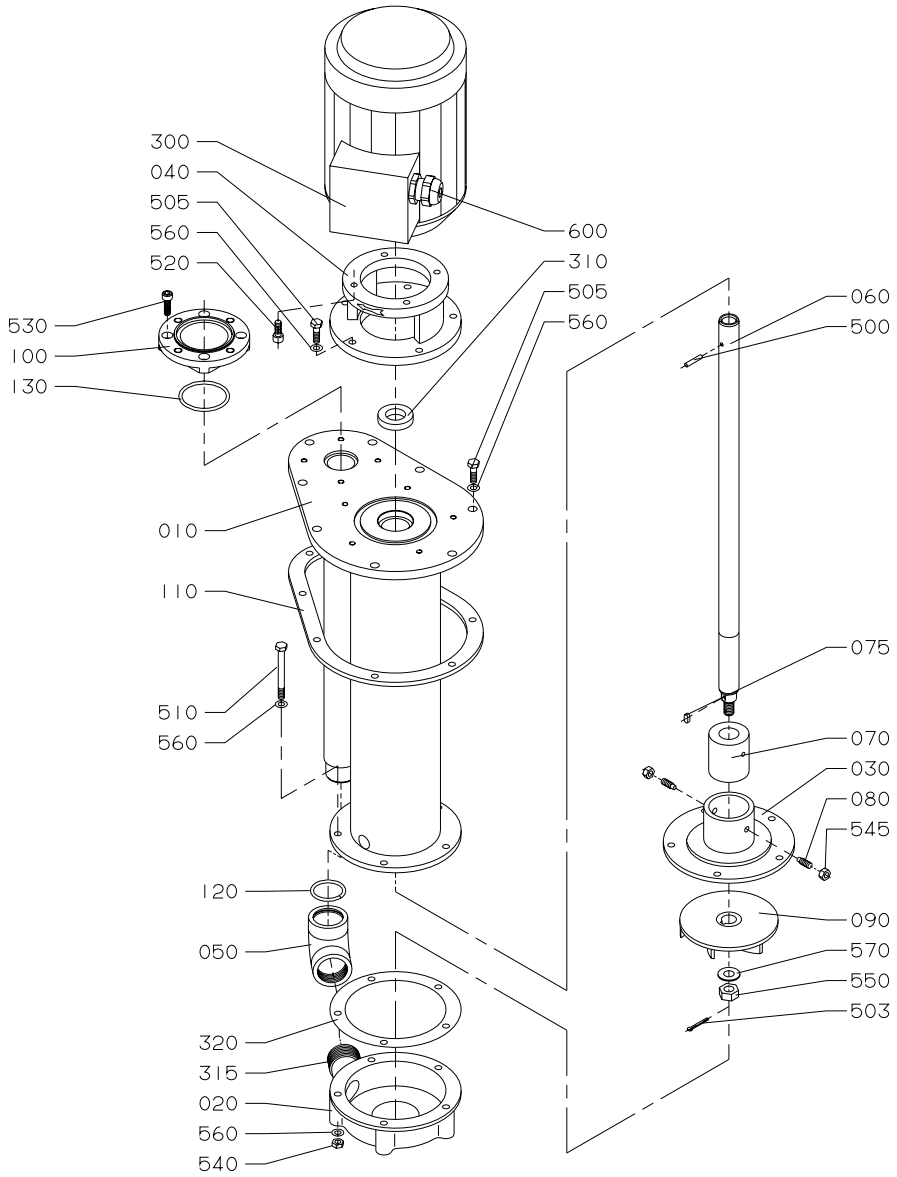
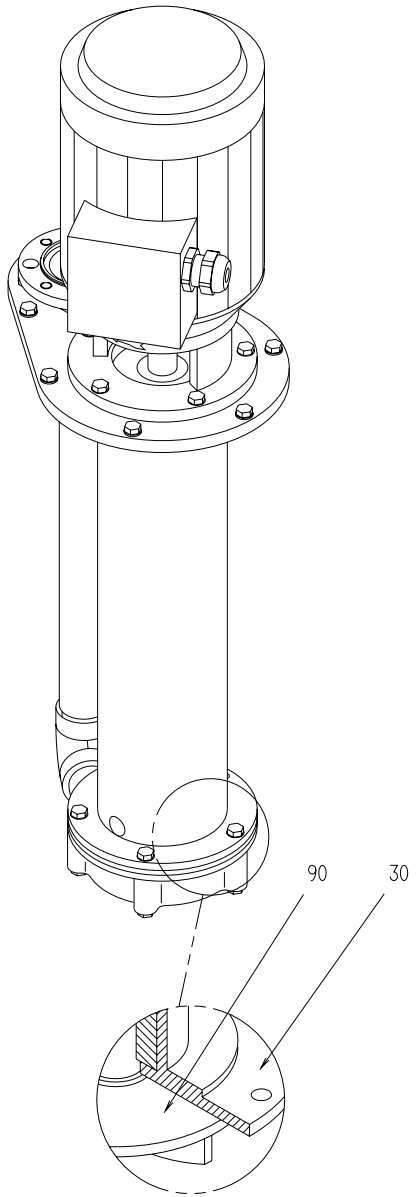
F020	A 493652-0100	-		1	LID	**584**
010	1346062-0000	D		1	TANK	
020	752614-0000	-		1	HOLDER	
030	978959-0000	-		1	FILLER TUBE	
040	1282411-0000	K		1	FLOAT	
050	751220-0000	-		1	FILLER CAP	
060	1296118-0000	-		1	PROTECTION	
065	1349785-0000	D		1	HOLDER	
070	978973-0002	-		1	HOSE	
078	979527-0000	D		1	INSULATION CLOTH	
080	257202-0000	D		1	STRAINER	
090	491203-0000	-		2	STRUT	
100	491303-0000	D		1	WASHER	
110	491304-0000	D		2	WASHER	
120	563286-0000	R		1	GASKET	
130	563287-0000	R		1	WASHER	
140	577773-0000	R		1	GASKET	
142	927422-0007	M		1	O-RING 44.2X3 SILICON	
143	927422-0014	M		1	O-RING 34.2X3 SILICON	
145	979336-0000	-		1	HOSE NIPPLE	
146	1346063-0000	-		2	PILLAR	
148	1346064-0000	-		1	PILLAR	
150	90030-0188	-		2	STRAIGHT CONNECTION GA-15-G1/2"	
165	90153-0048	-	KG	x	ADHESIVE	
170	90166-0138	J	MM	500	HOSE	
180	90187-0059	R		2	BALLVALVE	
190	90330-0020	-		2	ELBOW 90,INTERNAL THREAD R-222 1/2"	
200	90330-0021	-		4	NIPPLES,HEXAGON,EXT.R-THREAD R1/2"-R1/2"	
205	90347-0004	R		3	VIBRATION DAMPER D=30 Th=M8 H=17 H2=21mm	
210	312105-0293	-		3	SCREW M6S ISO 4017 M4X16 A280	
220	312105-0364	-		2	SCREW M6S 6x10 A280	
225	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	
228	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
240	312115-0366	-		4	SCREW MC6S ISO 4762 M6X12 A280	
250	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
254	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
258	312605-0318	-		3	NUT,HEXAGON,M8 RFR	
260	315105-0136	-		3	WASHER,PLAIN ROUND 4,3x8 Stainless	
270	315105-0153	-		6	WASHER,PLAIN ROUND 6,4x12 Stainless	
300	342991-0101	-		2	HOSE CLIP,WORM DRIVE TYPE (13)-16	

PEROXIDE PUMP

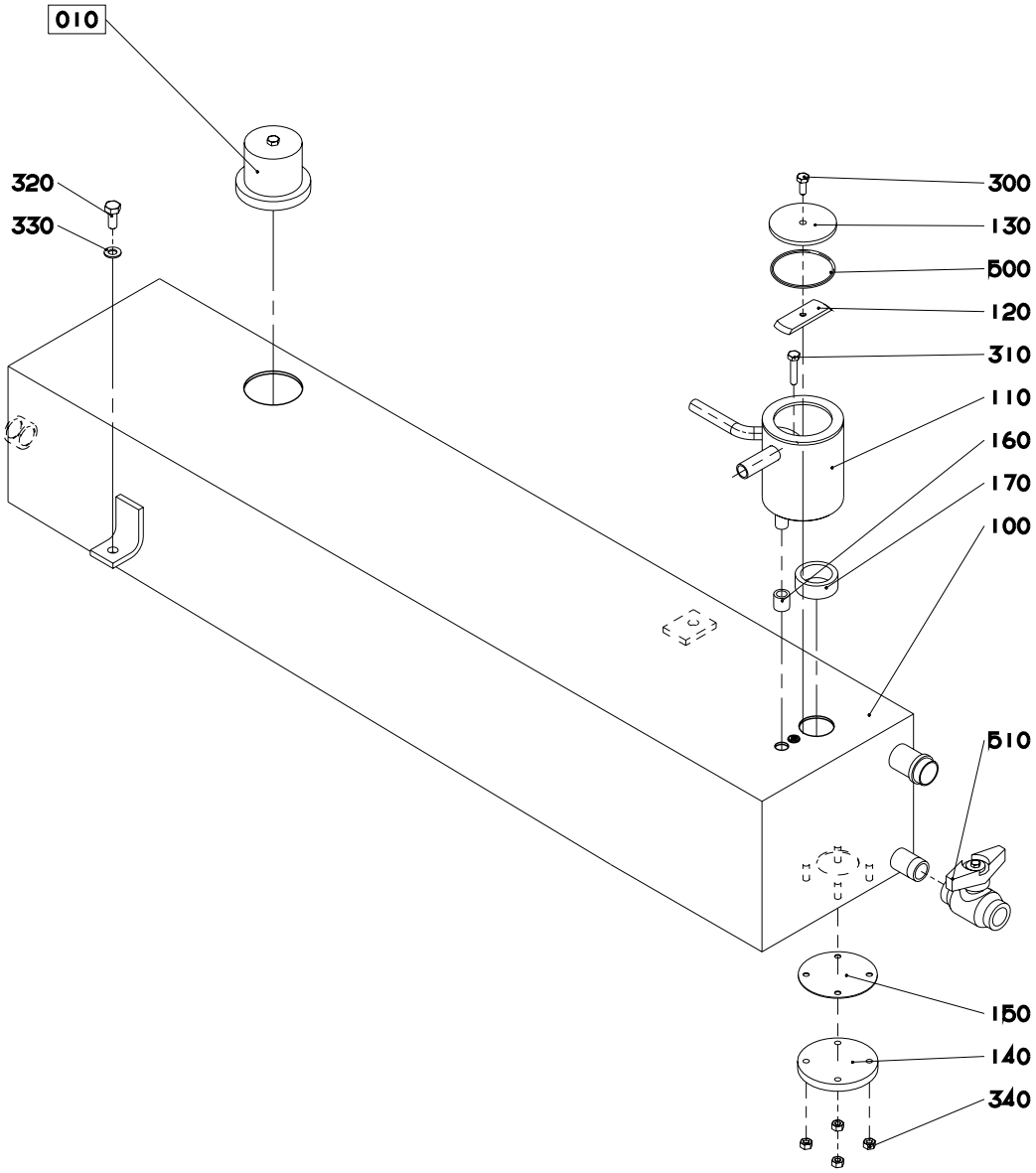


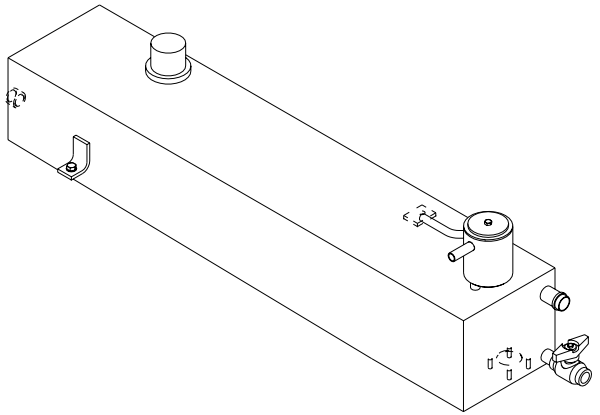


Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	577769-0000	-		1	EXTENSION PIPE	
020	292449-0000	D		1	PUMP HOUSING	
030	292456-0000	D		1	BEARING COVER	
040	751395-0000	D		1	FLANGE	
050	751316-0000	D		1	ELBOW PIPE	
060	577771-0000	J		1	SHAFT	
070	491770-0000	J		1	BUSHING	
075	315705-0196	-		1	KEYS,PARALLEL WITH ROUND ENDS 5X5X10	
080	90287-0159	-		2	SCREW, SET,FULL DOG POINT,T6SS M6x16 A4	
090	491929-0000	M		1	IMPELLER WHEEL	
100	577772-0000	D		1	FLANGE	
110	577770-0000	M		1	GASKET	
120	927422-0004	F		1	O-RING 29.2X3 SILICON	
130	927422-0007	F		1	O-RING 44.2X3 SILICON	
300	90045-0087	M		1	PUMPMOTOR ABB 0,55KW;1,4A	
310	90091-0137	F		1	SEAL RING	
315	90144-0004	-	MM	x	TREBOFLON-TAPE W=13mm	
320	1349920-0000	F		1	GASKET	
500	311112-0256	-		1	PIN,SLOTTED TUBULAR SPRING PIN 4x20	
503	311411-0169	-		1	SPLIT PIN SP2,5X25RFR	
505	312105-0370	-		13	SCREW M6S ISO 4017 M6x20 A280	
510	312105-0382	-		5	SCREW M6S ISO 4014 M6x60 A280	
520	312115-0368	-		4	SCREW MC6S ISO 4762 M6x16 A280	
530	312115-0370	-		4	SCREW MC6S ISO 4762 M6x20 A280	
540	312811-0316	-		5	LOCK NUT M6RFR	
545	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
550	312605-0320	-		1	NUT,HEXAGON,M10 A280	
560	315105-0153	-		23	WASHER,PLAIN ROUND 6,4x12 Stainless	
570	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
600	353243-0005	-		1	GLANDS,HOSE,EXTENDED WITHOUT INSERT PG16	
600-1	353249-0014	-		1	GLAND,INSERT,SINGLE HOLE,EXTE.11,5-15,5	

Pos	Part No	SP	UN	Qty	Description	Page No

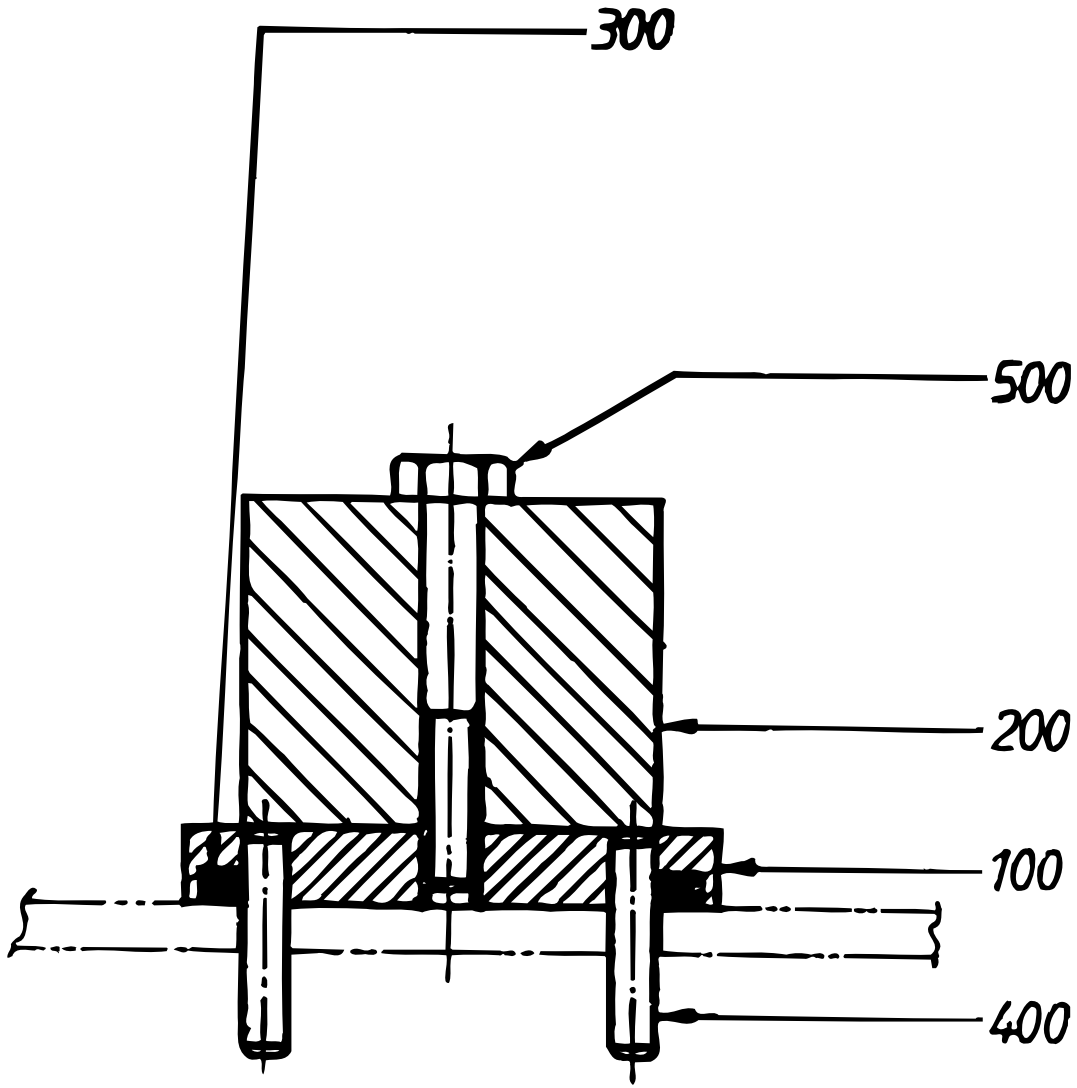
TANK





Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
F010	A 493652-0100	-		1	LID	**584**
100	978969-0000	-		1	TANK	
110	978970-0000	-		1	METERING DEVICE	
120	751403-0000	-		1	BRACKET	
130	751223-0000	-		1	LID	
140	532205-0000	-		1	LID	
150	532206-0000	R		1	GASKET	
160	527906-0000	R		1	GASKET	
170	527905-0000	R		1	GASKET	
300	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
310	312105-0374	-		1	SCREW M6S ISO 4017 M6X30 A280	
320	312105-0451	-		2	SCREW M6S ISO 4017 8x20 A280	
330	315115-0165	-		2	WASHER TBRB 8,4x16 Stainless	
340	312605-0316	-		4	NUT,HEXAGON A280 M6M6	
500	927422-0009	R		1	O-RING 54.5X3 SILICON	
510	90187-0059	R		1	BALLVALVE	

Pos	Part No	SP	UN	Qty	Description	Page No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Pos	Part No	SP	UN	Qty	Description	Page No
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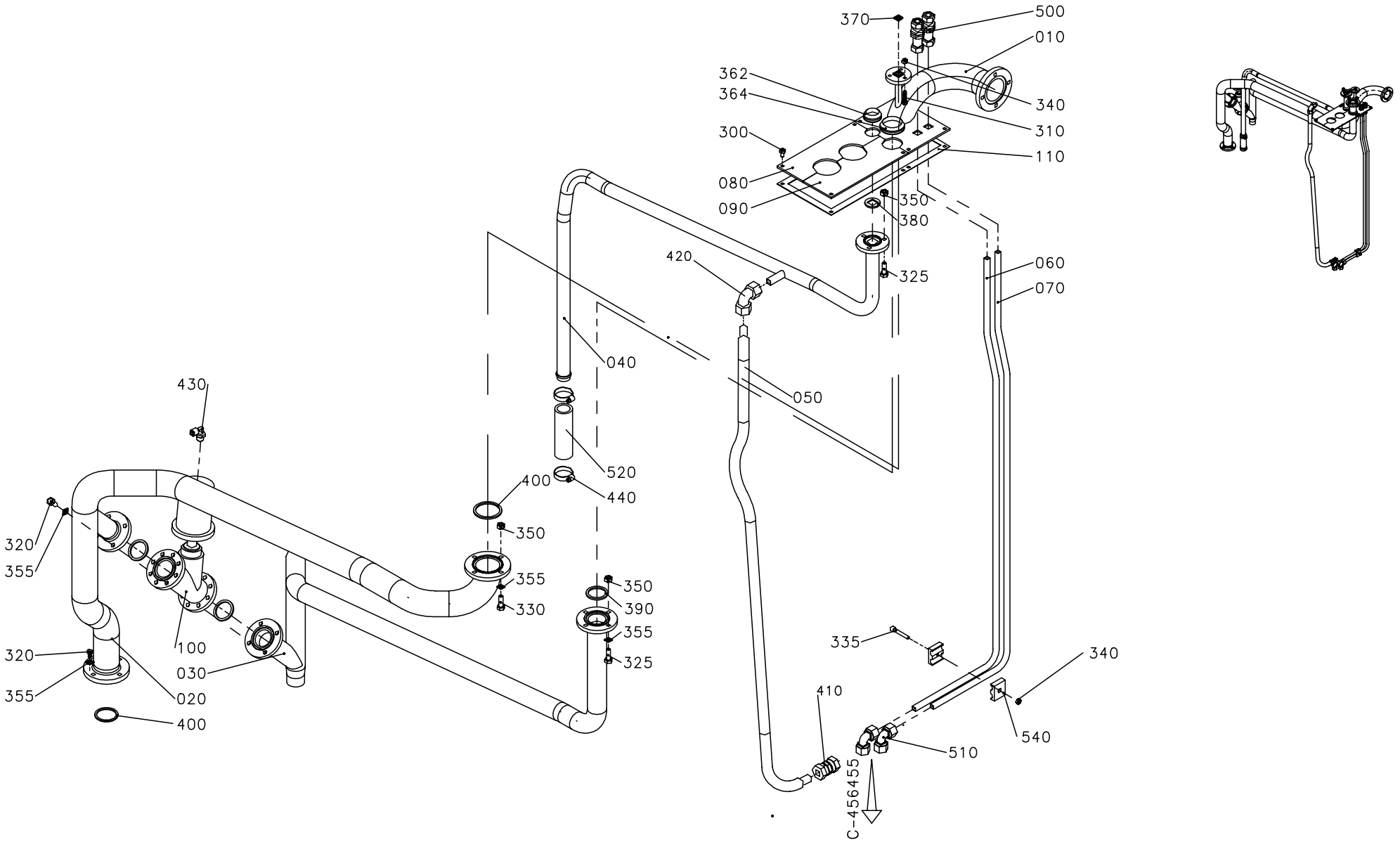
100	273964-0000	-		1	LID	
200	273965-0001	-		1	WEIGHT	
300	90143-0020	-	MM	190	STRIP	
400	311103-0357	-		4	PIN,STRAIGHT 6x30	
500	312105-0461	-		1	SCREW ISO 4017 M8x50 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

PIPE WORK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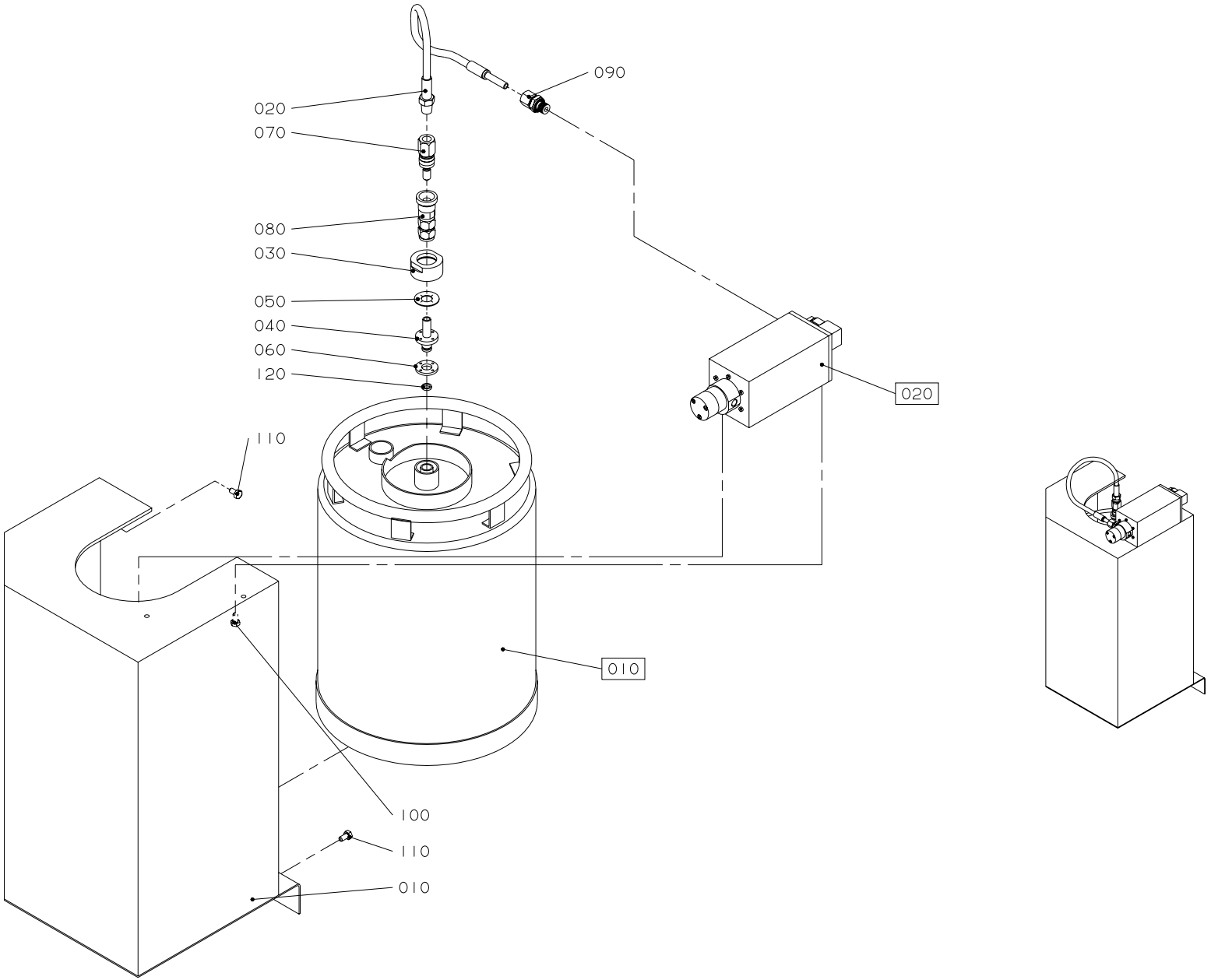
C-456455

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978960-0000	-		1	PIPE CONNECTION	
020	978966-0000	-		1	FILLING PIPE	
030	978967-0000	-		1	RETURN PIPE	
040	978968-0000	-		1	PIPE	
050	978973-0001	-		1	HOSE	
060	979285-0000	-		1	PIPE	
070	979286-0000	-		1	PIPE	
080	578109-0000	-		1	SHEET	
090	578108-0000	-		1	SHEET	
100	978998-0000	D		1	VALVE	
110	578060-0000	-		1	GASKET	
300	312105-0366	-		8	SCREW M6S ISO 4017 M6x12 A280	
310	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A280	
320	312105-0451	-		16	SCREW M6S ISO 4017 8x20 A280	
325	312105-0453	-		7	SCREW M6S ISO 4017 M8x25 A280	
330	312105-0455	-		4	SCREW M6S ISO 4017 M8x30 A280	
335	312115-0370	-		1	SCREW MC6S ISO 4762 M6x20 A280	
340	312605-0316	-		4	NUT,HEXAGON A280 M6M6	
350	312605-0318	-		11	NUT,HEXAGON,M8 RFR	
355	315105-0165	-		20	WASHER,PLAIN ROUND 8,4x16 Stainless	
362	315220-0156	-		1	SEAL RING V-25S	
364	315220-0183	-		1	SEAL RING V-40S	
370	315229-0101	-		1	GASKET 40531-1	
380	315229-0203	-		1	GASKET	
390	315229-0204	-		3	GASKET	
400	315229-0205	-		1	GASKET	
410	342727-0214	-		1	PIPE CONNECTION G-15-L/SY	
420	342737-0221	-		1	ELBOW CONNECTION W-15 LRFR	
430	342930-0114	-		1	ELBOW 90 COUPL.,EXT.THREAD 6/4-R1/4"	
440	342991-0106	-		2	HOSE CLIP,WORM DRIVE TYPE (30)-36	
500	90030-0030	-		2	BULKHEAD CONNECTOR SV 12-L/SY	
510	90030-0096	-		2	ELBOW CONNECTION W-12	
520	90166-0208	-	MM	500	RUBBER HOSE	
540	90165-0123	-		1	PIPE CLAMP	

Pos	Part No	SP	UN	Qty	Description	Page No

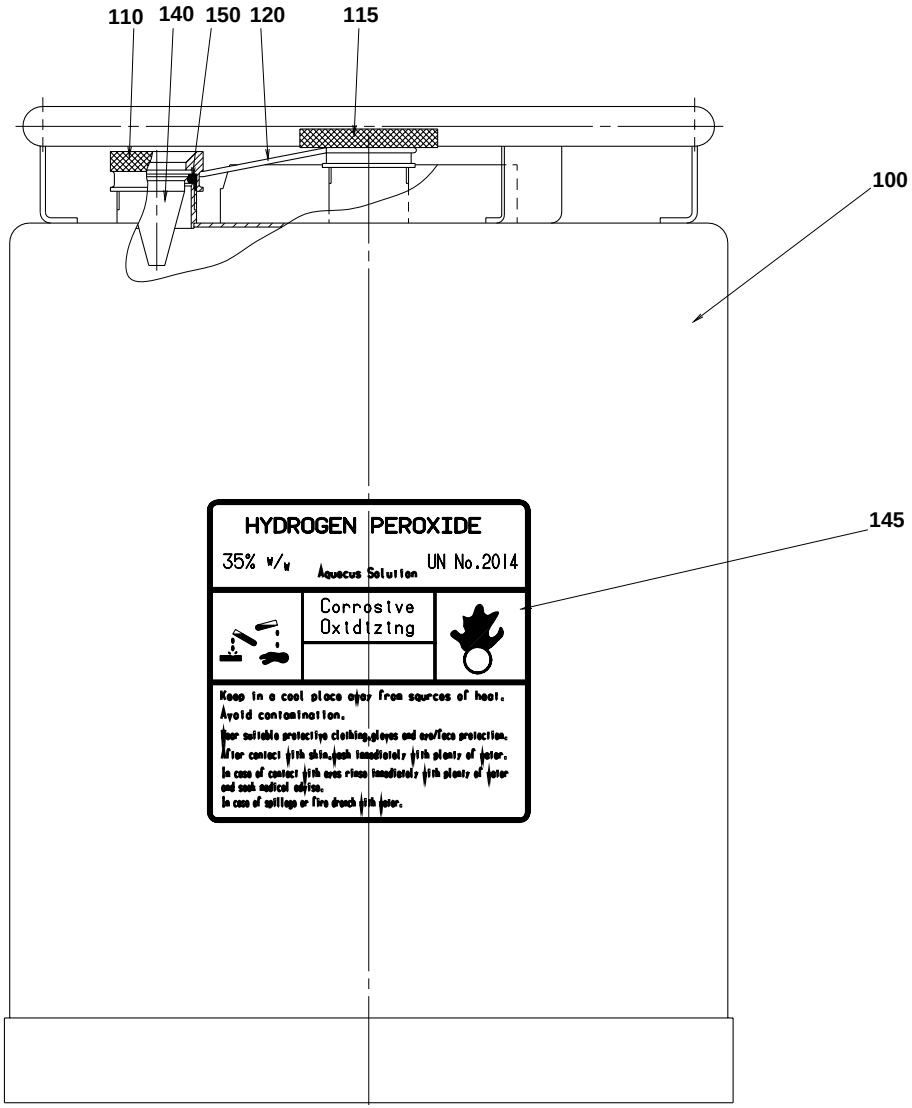
CABINET

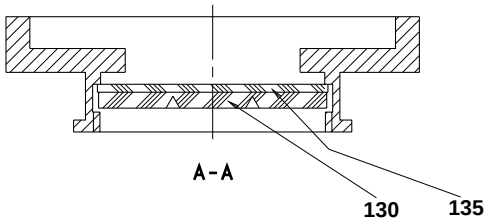


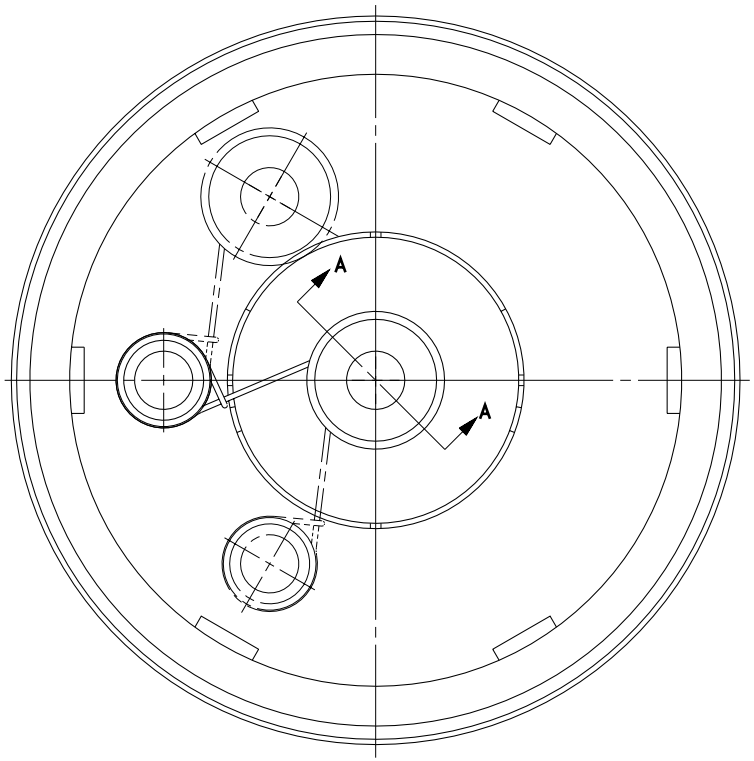
Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 527898-0100	-		2	CONTAINER H2O2	
F020	A 979329-0100	M		1	FILLING UNIT	
010	979301-0000	-		1	CABINET (SMALL)	
020	979300-0000	D		1	PIPE	
040	979282-0000	D		1	CONNECTOR	
050	979283-0000	K		1	SEALING DISC	
070	90163-0137	-		1	QUICK-RELEASE COUPLING	
080	90163-0138	-		1	QUICK-RELEASE COUPLING	
090	90030-0086	-		1	Straight Conn., 8-R1/4,ext. thread	
100	312105-0323	-		2	SCREW M6S ISO 4017 M5X8 A280	
110	312105-0362	-		4	SCREW M6S ISO 4017 M6x8 A280	
120	927421-0005	F		1	O-RING 7.3X2.4 SILICON	

Pos	Part No	SP	UN	Qty	Description	Page No

CONTAINER H2O2







Pos	Part No	SP	UN	Qty	Description	Page No
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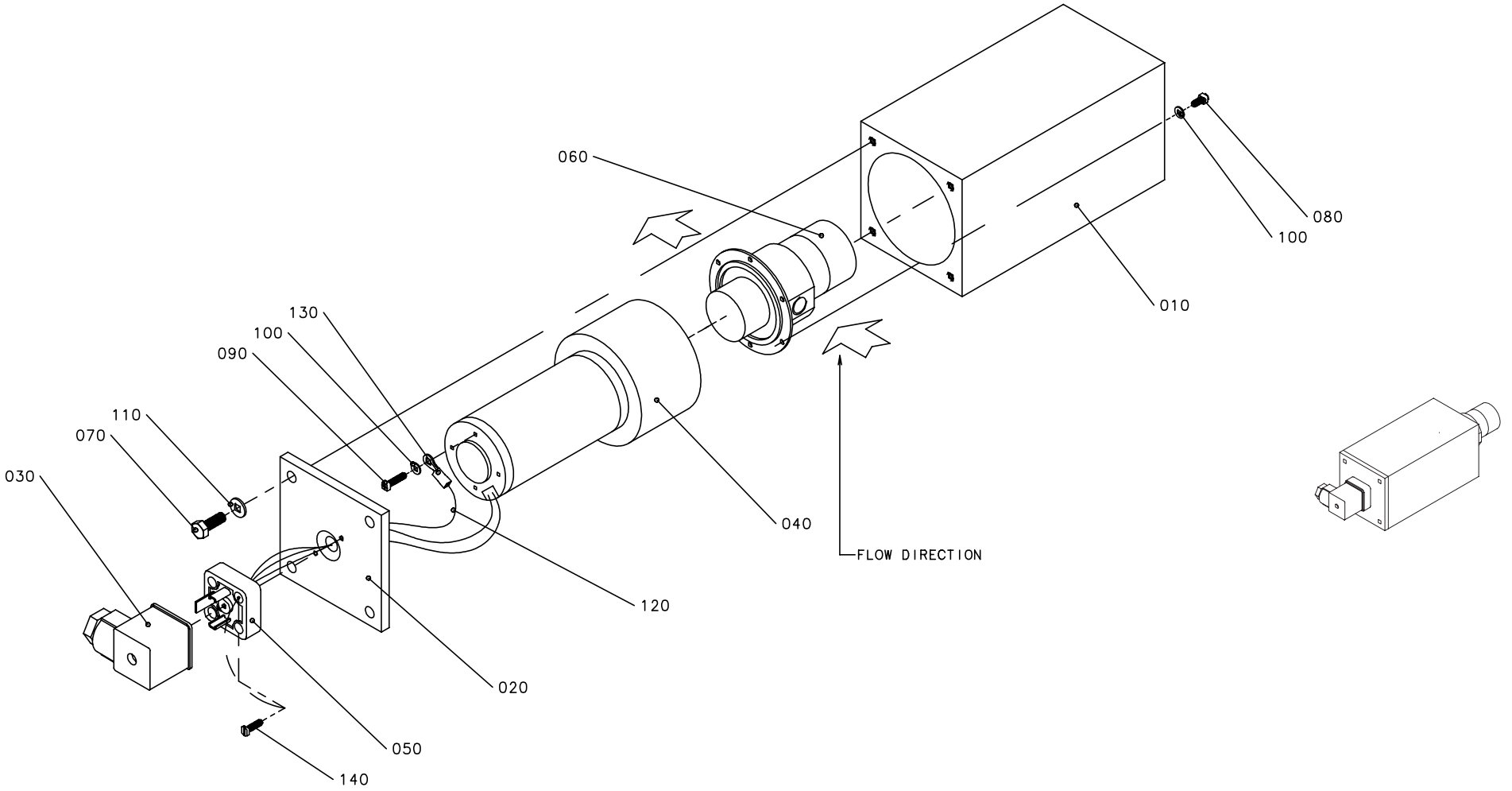
100	561427-0000	-		1	CONTAINER	
110	273977-0000	R		1	NUT	
115	273996-0000	R		1	NUT	
120	273980-0000	R		1	SPRING	
130	565250-0000	R		1	WASHER	
135	565251-0000	N		1	VALVE	
140	273978-0000	R		1	LEVEL GLASS	
145	532655-0000	-		1	CAUTION SIGN	
150	927422-0003	J		1	O.RING 24.2X3 SILICON	

Pos	Part No	SP	UN	Qty	Description	Page No

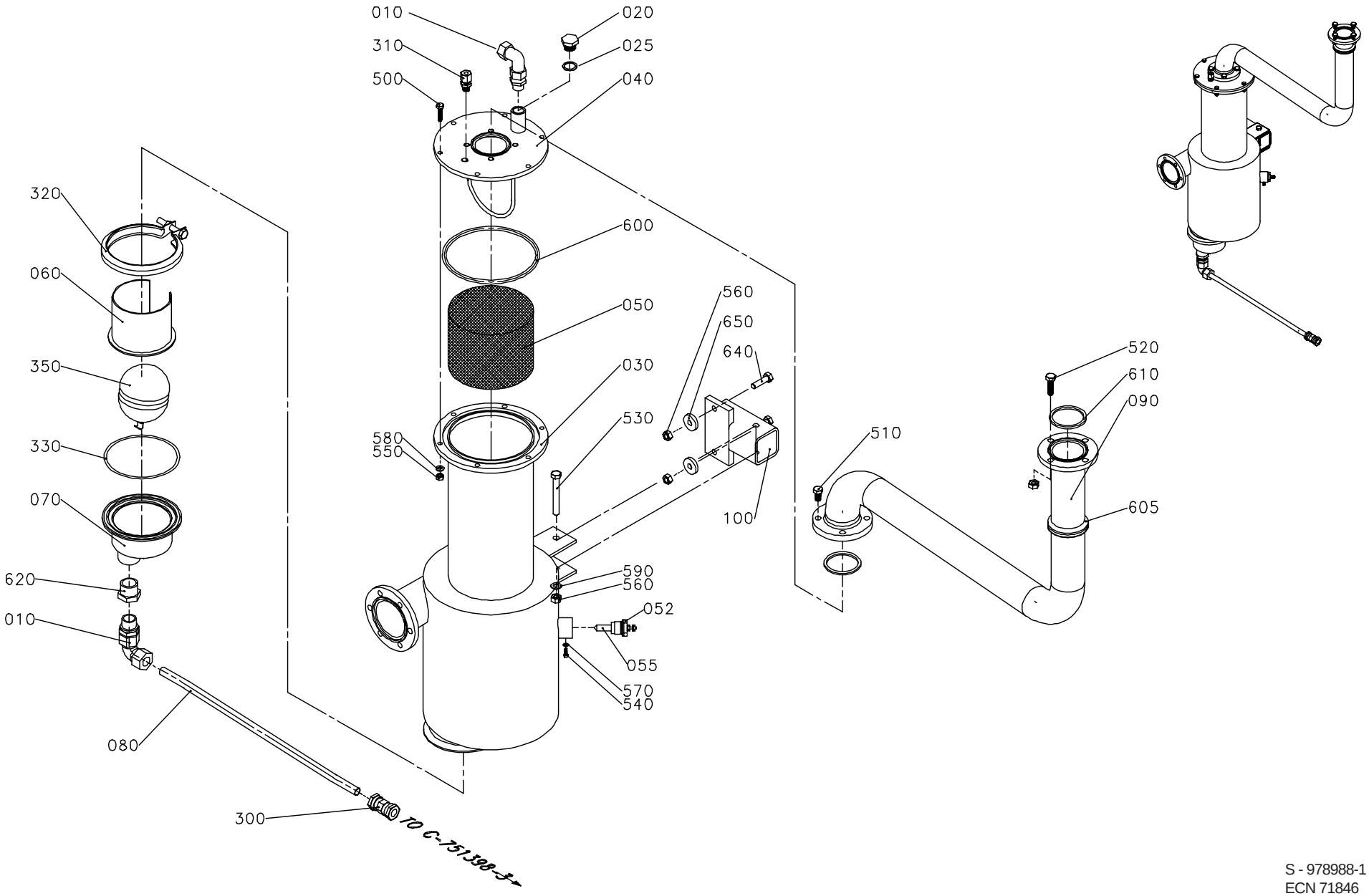


S-979329-1
ECN 70390

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979279-0000	D		1	COVER HOUSING	
020	979280-0000	D		1	COVER	
030	90042-0398	-		1	CONTACT 3 pole+earth	
040	90045-0161	D		1	MOTOR VDO MGC 11	
050	90110-0207	-		1	SOCKET	
060	90321-0101	D		1	GEAR PUMP	
070	312105-0329	-		4	SCREW M6S ISO 4017 M5x16 A280	
080	312115-0224	-		7	SCREW S 3X10 A4 80	
100	315105-0124	-		7	WASHER,PLAIN ROUND 3,2x6	
110	315105-0146	-		4	WASHER,PLAIN ROUND 5,3x10 Stainless	
120	351175-0102	-	CM	15	CABLE AWM YELL/GREEN 0,75MM2	
130	353101-0118	-		1	CABLE SHOE 0,75-1,5mm2 Red	
140	312125-0226	-		2	SLOTTED CHEESE HEAD ISO 1207 M3X12 RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

SEPARATOR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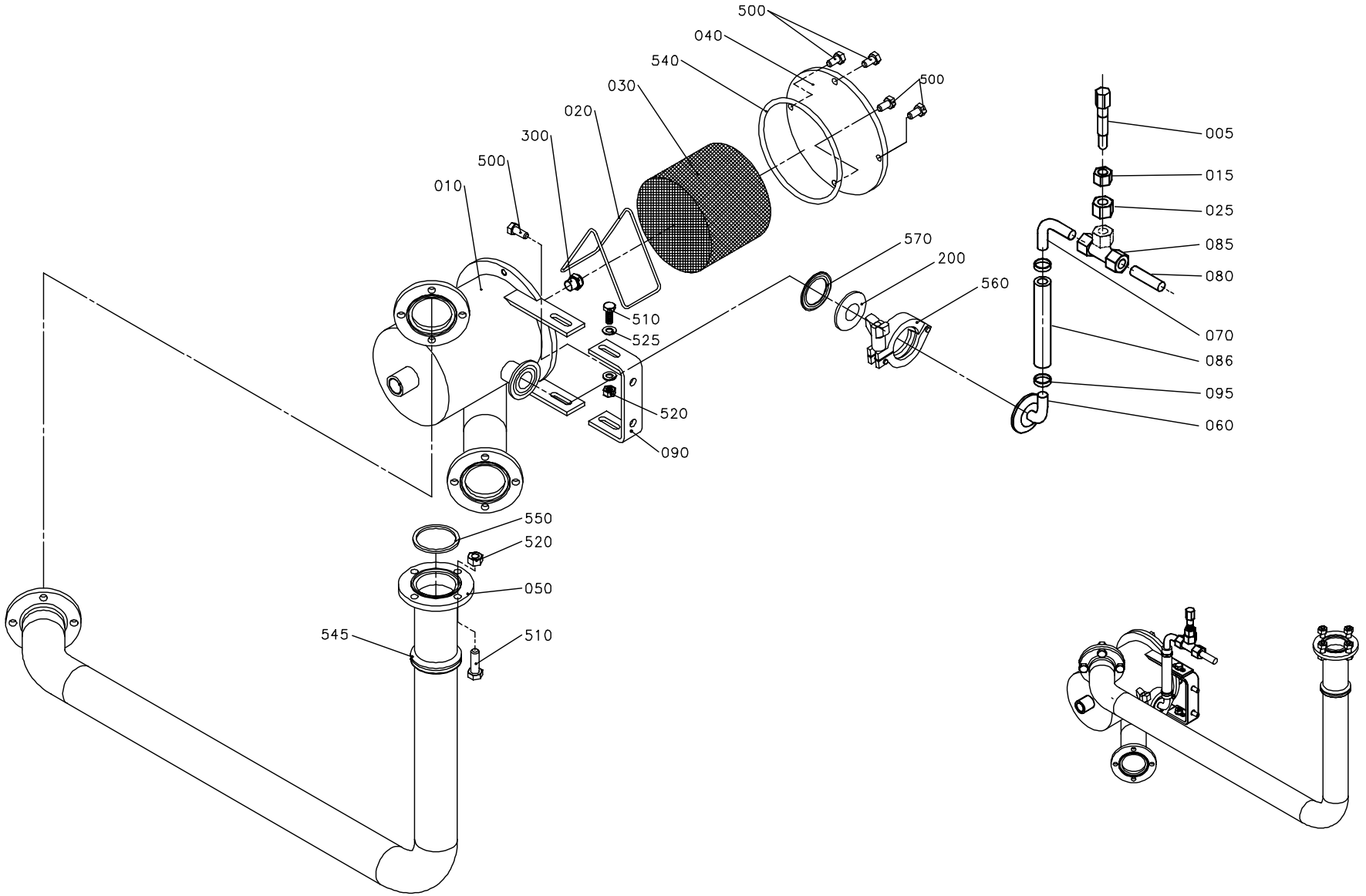
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
030	978955-0000	-		1	SEPARATOR	
040	978956-0000	-		1	LID	
050	546929-0000	M		1	FILTER	
052	560931-0000	M		1	BRACKET	
055	567070-0012	M		1	ELECTRODE	
060	568828-0000	-		1	FLOAT GUARD	
070	B 571088-0000	-		1	DRAINING	
080	978957-0000	-		1	PIPE	
090	978962-0000	-		1	PIPE	
100	979392-0000	-		1	BRACKET	
300	90030-0106	-		1	PIPE CONNECTION G-12	
310	90030-0184	D		1	STRAIGHT CONNECTION GA-6-G1/8"	
320	90217-0312	-		1	DAIRY FITTINGS, Clamp 4"	
330	90217-0313	M		1	SEAL "REPEY 6-9611990770"	
340	927421-0004	M		1	O-RING 15.3X2.4 SILICON	
350	90360-0305	R		1	FLOAT	
500	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A280	
510	312105-0449	-		4	SCREW M6S ISO 4017 M8x16 A280	
520	312105-0453	-		4	SCREW M6S ISO 4017 M8x25 A280	
530	312105-0466	-		1	SCREW M6S ISO 4014 M8x75 A280	
540	312125-0285	-		1	SLOTTED HEAD SCREW MCS 4X6 RFR	
545	312605-0312	-		2	NUT,HEXAGON,M4 RFR	
550	312605-0316	-		6	NUT,HEXAGON A280 M6M6	
560	312605-0318	-		7	NUT,HEXAGON,M8 RFR	
570	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
580	315105-0153	-		6	WASHER,PLAIN ROUND 6,4x12 Stainless	
590	315105-0165	-		1	WASHER,PLAIN ROUND 8,4x16 Stainless	
600	315202-0244	M		1	O-RING 134,3x5,7	
605	315220-0198	-		1	SEAL RING V-50S	
610	315229-0105	M		2	GASKET 40535-1	
620	90330-0078	-		1	BUSHING,INT./EXT.R-THREAD R3/4"-Rp3/8"	
640	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
650	315125-0165	-		2	WASHERS,PLAIN ROUND,CHAMFERED 8,4X26X5	
50HZ						
010	90030-0136	-		1	ELBOW CONNECTION EVW,EXT 12-G3/8"	
020	90330-0029	-		1	PLUG,EXTERNAL G-THREAD G3/8"	
025	315233-0111	-		1	PLAIN ROUND,NYLON R3/8"	
60HZ						
010-02	90030-0136	-		2	ELBOW CONNECTION EVW,EXT 12-G3/8"	

Pos	Part No	SP	UN	Qty	Description	Page No

SCRUBBER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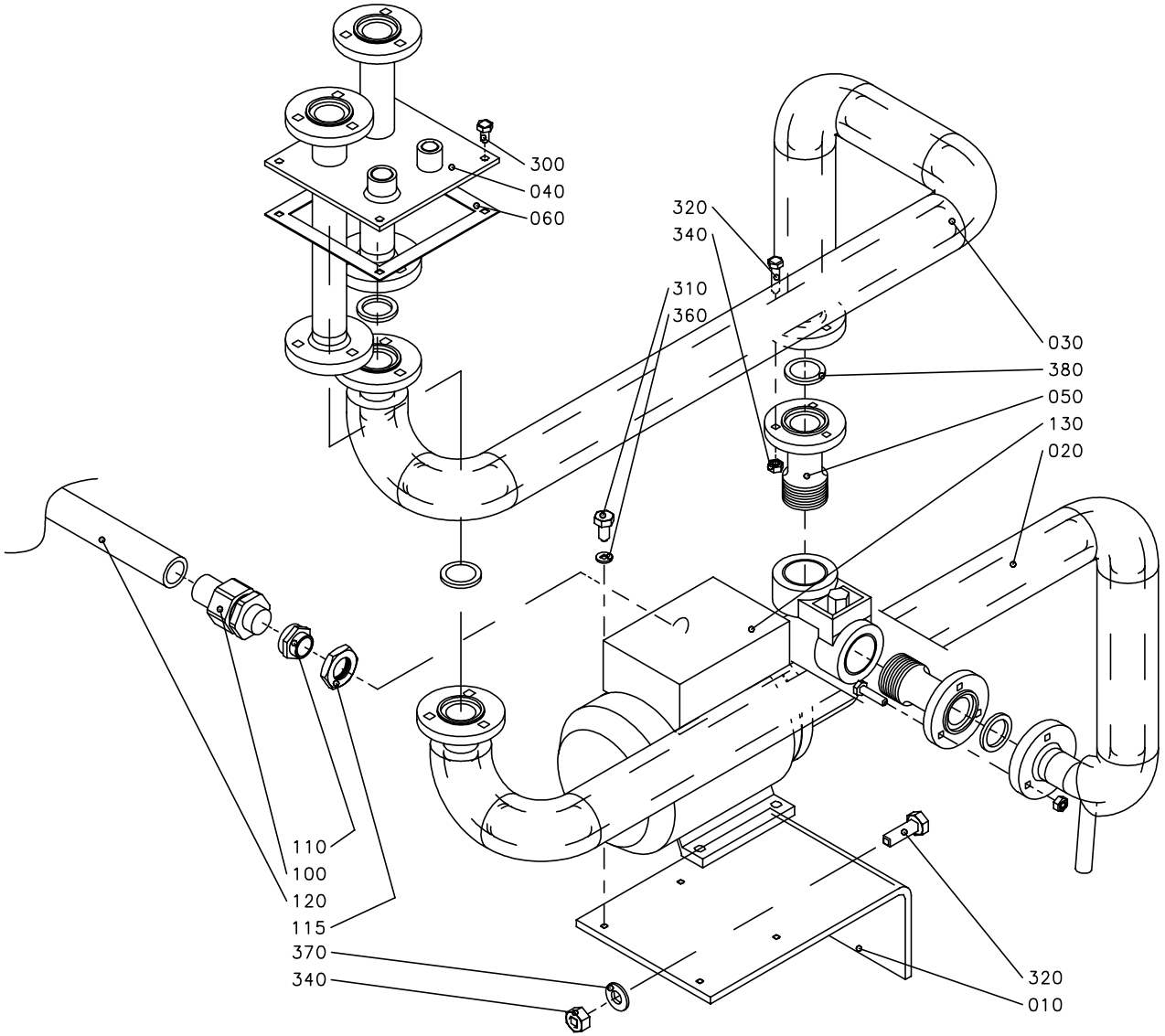
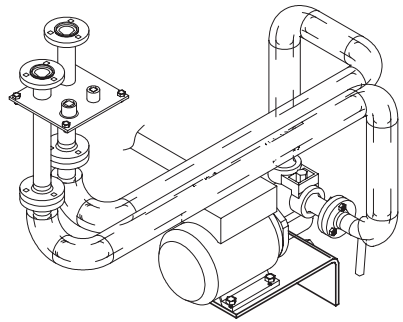
Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	978954-0000	-		1	SCRUBBER	
020	571087-0000	-		1	RETAINING RING	
030	546929-0000	M		1	FILTER	
040	568806-0000	-		1	LID	
050	978961-0000	-		1	PIPE	
090	578110-0000	-		1	BOW CLAMP	
300	90424-0054	D		1	NOZZLE	
500	312105-0449	-		6	SCREW M6S ISO 4017 M8x16 A280	
510	312105-0453	-		10	SCREW M6S ISO 4017 M8x25 A280	
520	312605-0318	-		10	NUT,HEXAGON,M8 RFR	
525	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
540	315202-0317	M		1	O-RINGS 129,5X3	
545	315220-0198	M		1	SEAL RING V-50S	
550	315229-0105	M		2	GASKET 40535-1	
560	342840-0103	-		1	CLAMPING PIECE	
570	342850-0303	M		1	GASKET	
50HZ						
200	90217-0332	-		1	BLANK-OFF FLANGE	
60HZ						
005	209145-0000	D		1	THROTTLE SCREW	
015	209146-0000	D		1	BARRIER NUT	
025	279589-0000	D		1	NUT	
060	979723-0000	D		1	LID	
070	979724-0000	D		1	PIPE BEND	
080	979725-0000	D		1	PIPE (for 60 Hz)	
085	90030-0058	-		1	T-PIPE CONNECTION T-12	
086	90166-0121	-	MM	140	HOSE	
095	342991-0102	-		2	HOSE CLIP,WORM DRIVE TYPE (16)-19	

Pos	Part No	SP	UN	Qty	Description	Page No

WATER CIRCULATION





S-979025-1
ECN 70402

Pos	Part No	SP	UN	Qty	Description	Page No
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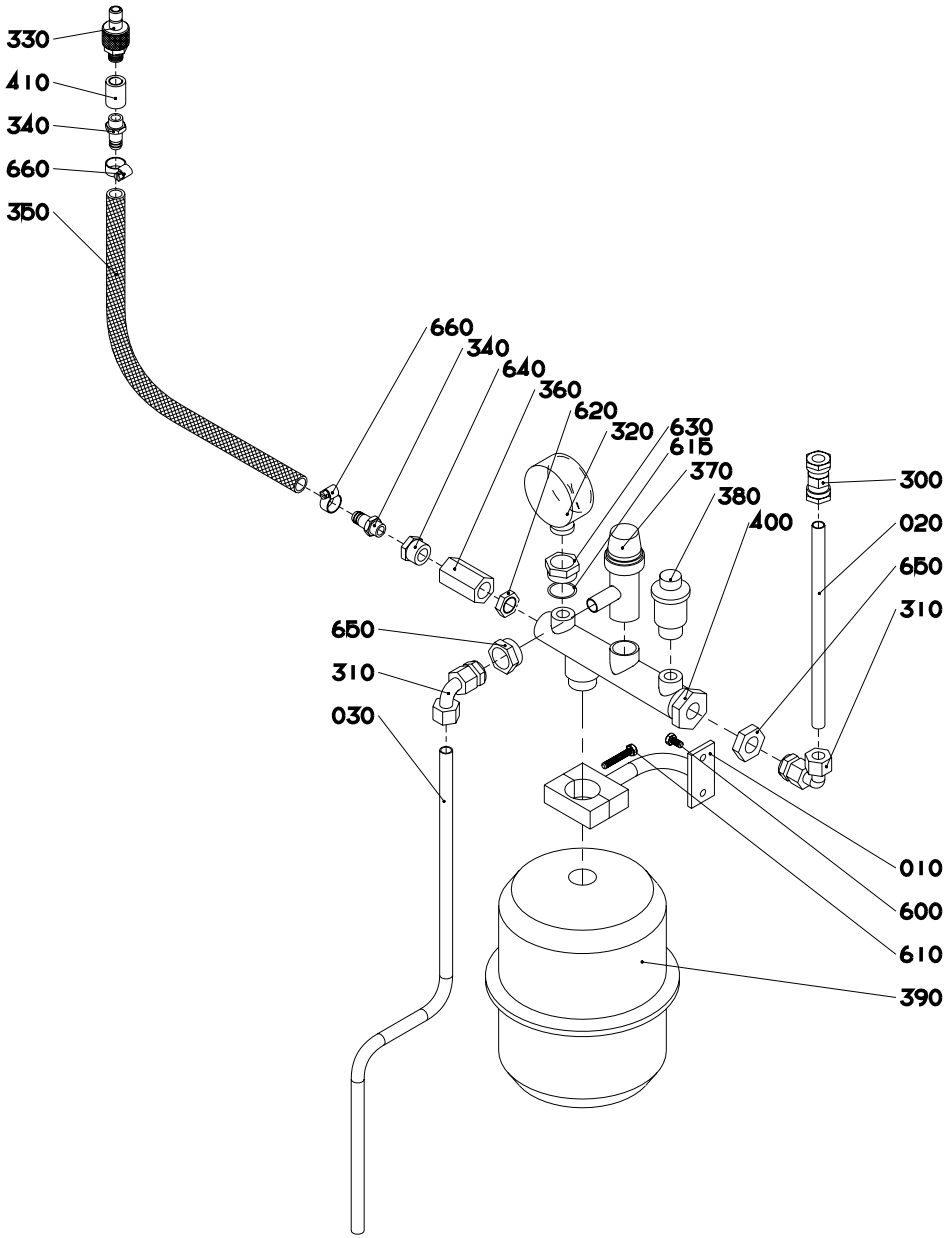
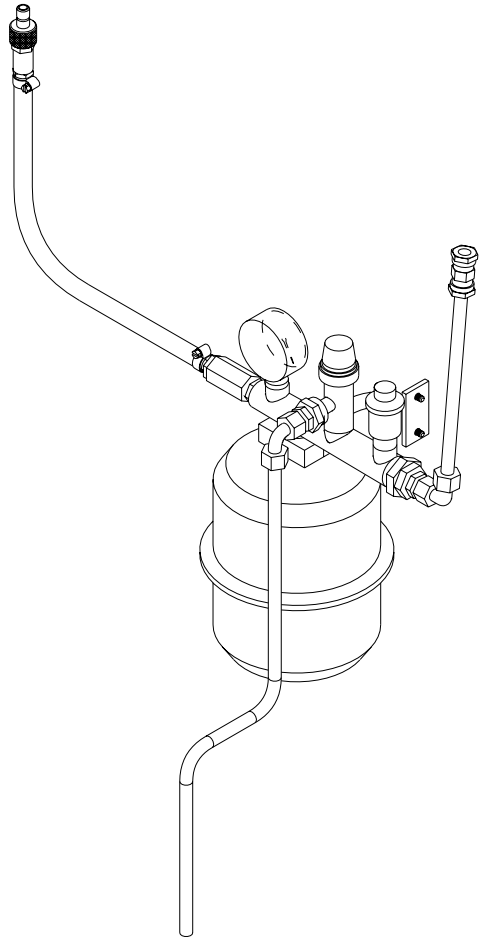
010	979380-0000	-		1	BRACKET	
020	979012-0000	-		1	PIPE	
030	979013-0000	-		1	PIPE	
040	979014-0000	-		1	LEAD-IN PLATE	
050	979517-0000	-		2	PIPE FITTING	
060	578061-0000	-		1	GASKET	
100	90012-0072	-		1	GLAND FITTING **	
110	90089-0017	-		1	TRANSITION SLEEVE PR18,6/PR22,5;PG11/16	
115	90099-0117	-		1	NUT PR 18,6 (PG11)	
120	90152-0051	-	MM	1500	GLANDS,HOSE 25x18	
130	B 90321-0108	K		1	PUMP CALPEDA 7001002003Z NT61	
300	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
310	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
320	312105-0455	-		20	SCREW M6S ISO 4017 M8x30 A280	
340	312605-0318	-		20	NUT,HEXAGON,M8 RFR	
360	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
370	315125-0165	-		2	WASHERS,PLAIN ROUND,CHAMFERED 8,4X26X5	
380	315229-0103	M		6	GASKET 40533-1	

Pos	Part No	SP	UN	Qty	Description	Page No

WATER CIRCULATION





Pos	Part No	SP	UN	Qty	Description	Page No
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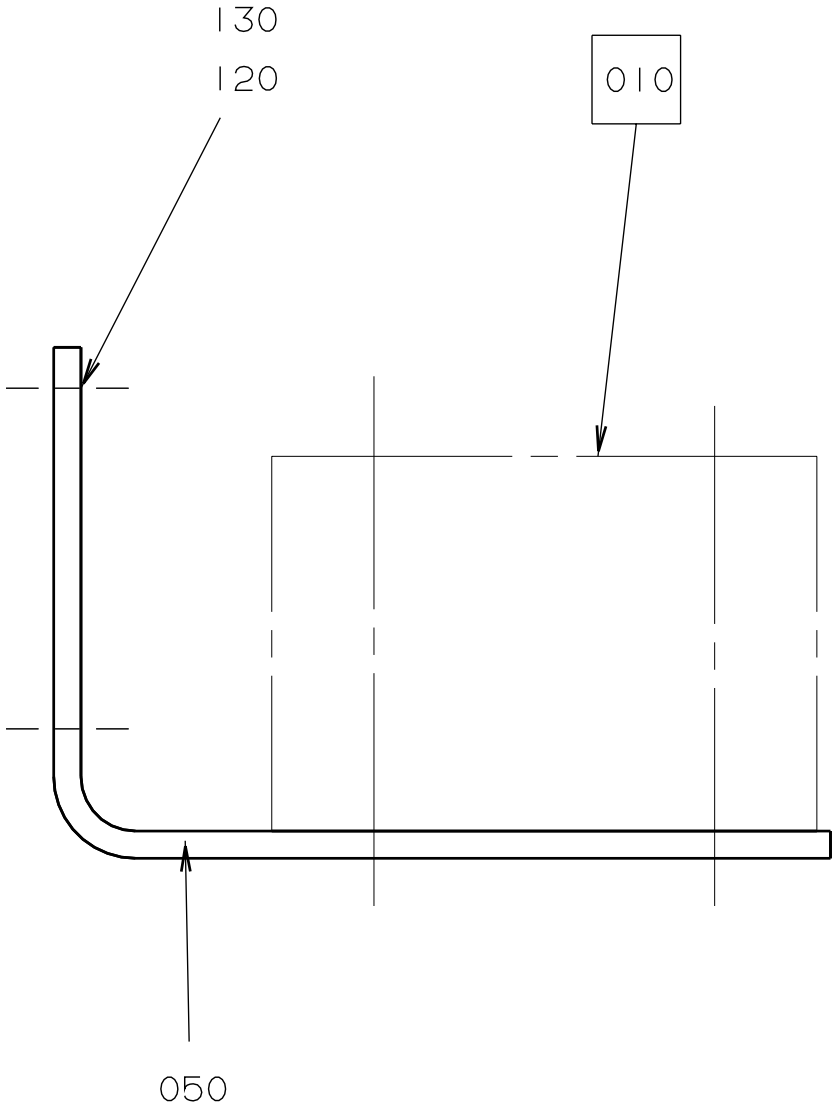
010	978953-0000	-		1	BRACKET	
020	979086-0000	-		1	PIPE	
030	979087-0000	-		1	PIPE	
300	90030-0106	-		1	PIPE CONNECTION G-12	
310	90030-0136	-		2	ELBOW CONNECTION EVW,EXT 12-G3/8"	
320	90043-0002	D		1	PRESSURE GAUGE	
330	90163-0014	-		1	NIPPLE STAINLESS STEEL	
340	90163-0052	-		2	HOSE NIPPLE,EXT.THREAD 1/4"-12	
350	90166-0121	-	MM	1000	HOSE	
360	90187-0062	D		1	Shut of valves,Ball valve, G1/2	
370	90187-0104	D		1	SAFETY VALVE	
380	342713-0211	-		1	PLUG,EXT.G-THREAD,HEXAGON SOCKET G3/8"	
390	90304-0020	-		1	LIQUID CONTAINER	
400	90304-0307	-		1	ATTACHMENT PIPE	
410	90330-0102	-		1	SLEEVE	
600	312105-0367	-		2	SCREW M6S 6x14 A2 80	
610	312105-0376	-		2	SCREW M6S ISO 4017 M6x35 A280	
615	315233-0111	-		1	PLAIN ROUND,NYLON R3/8"	
620	342700-0113	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G1/2"-G1/2"	
630	342701-0203	-		1	BUSHING RNI3/8"-1/4"	
640	342701-0205	-		1	BUSHING,INT./EXT.G-THREAD G1/2"-G1/4"	
650	342701-0209	-		2	BUSHING,INT./EXT.G-THREAD G3/4"-G3/8"	
660	342991-0102	-		2	HOSE CLIP,WORM DRIVE TYPE (16)-19	

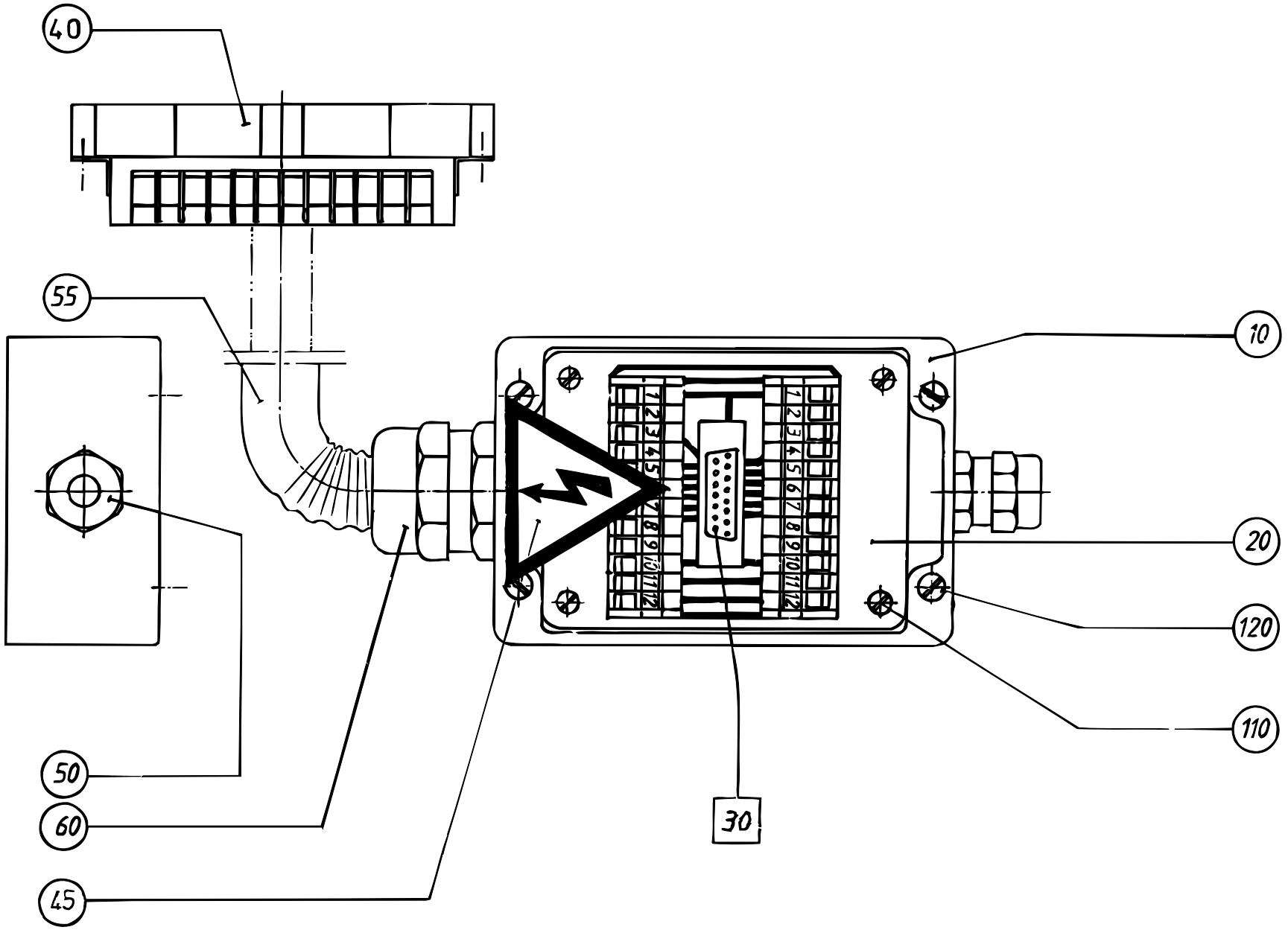
Pos	Part No	SP	UN	Qty	Description	Page No

CONNECTION BOX



Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 451348-0200	-		1	CONNECTION BOX	**604**
050	752056-0000	-		1	HOLDER	
120	312101-0289	-		4	SCREW M6S4X10FZB	
130	315101-0136	-		4	WASHER BRB 4,3x8 FZB	

Pos	Part No	SP	UN	Qty	Description	Page No



S-451348-2
ECN 22846

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/19						
F030	A 68917-0100	D		1	ANGLE INDICATOR	
010	751631-0000	D		1	CONNECTION BOX	
045	90194-0016	-		1	SIGN "FLASH SIGN" 50X50MM	
050	352103-0106	-		1	CABLE GLAND ST 11	
060	352103-0110	-		1	CABLE GLAND STR 16	
Common parts						
020	451423-0000	N		1	CIRCUIT BOARD	
110	312125-0220	-		4	SLOTTED HEMCS3X6RFR	
120	312125-0291	-		4	SLOTTED CHEESE HEAD ISO 1207 M4x12 RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

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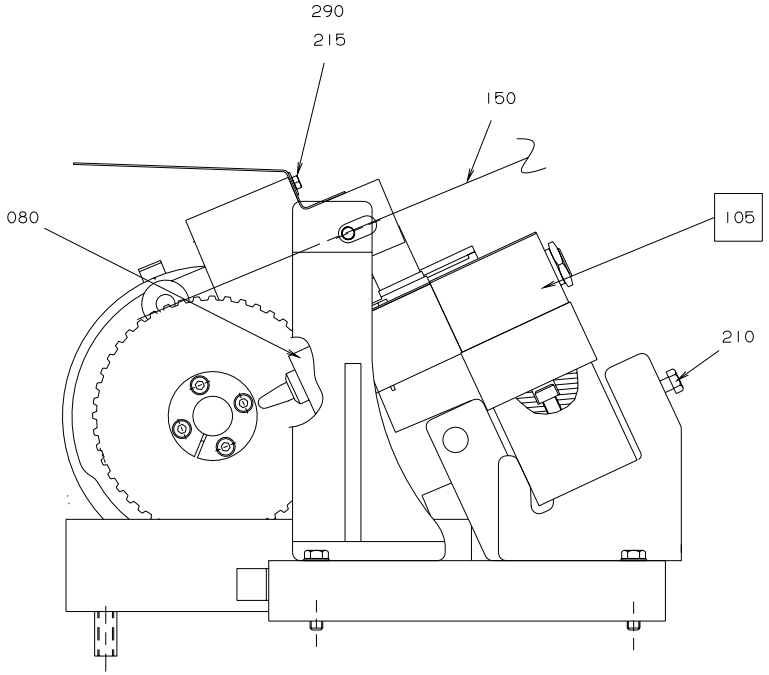
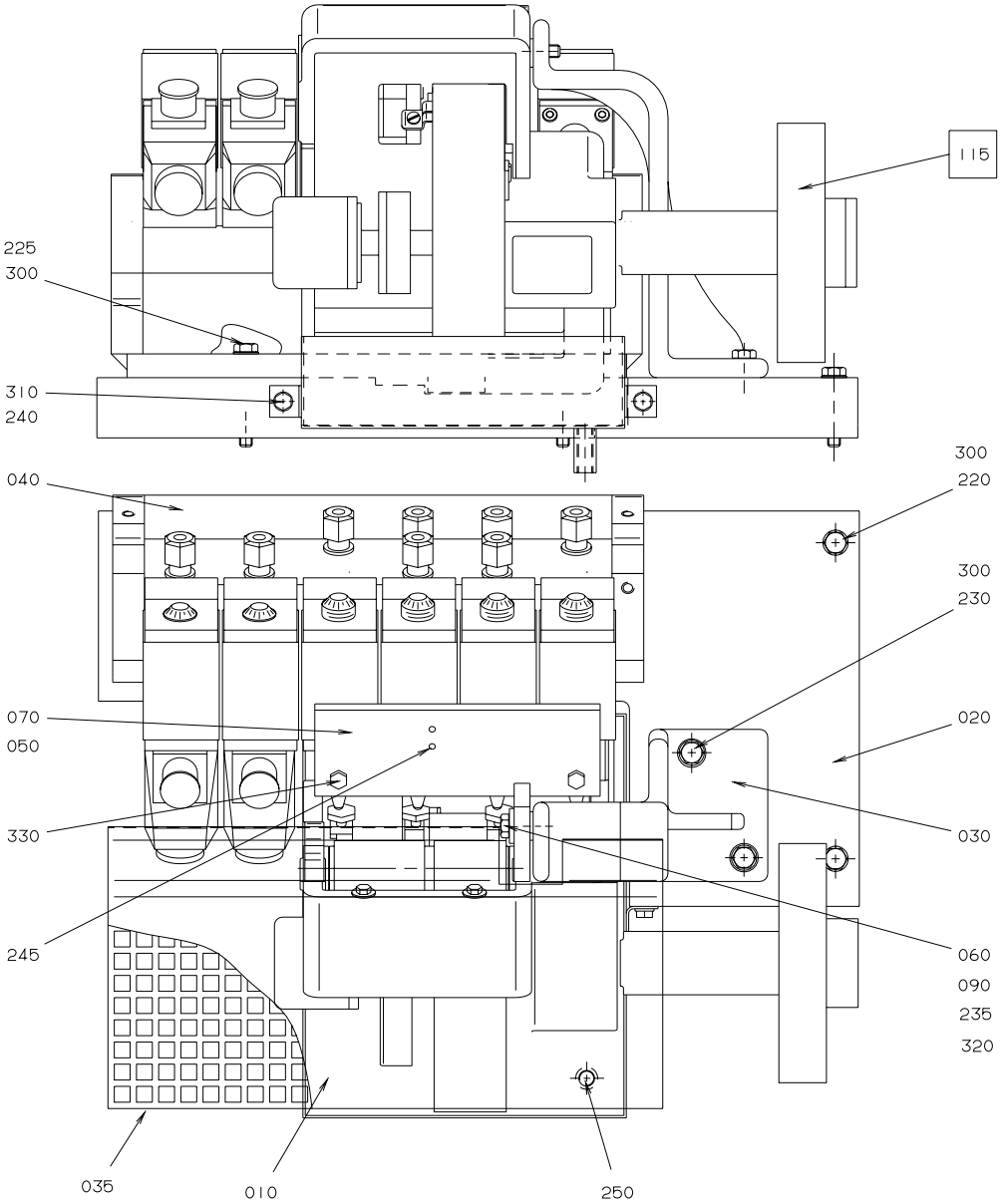
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	540306-0001	-		1	COMPONENTS WITHOUT TP-NO	
020	540307-0000	-		1	PRINTED CIRCUIT BOARD	

Pos	Part No	SP	UN	Qty	Description	Page No

IMPULSE TRANSMITTER

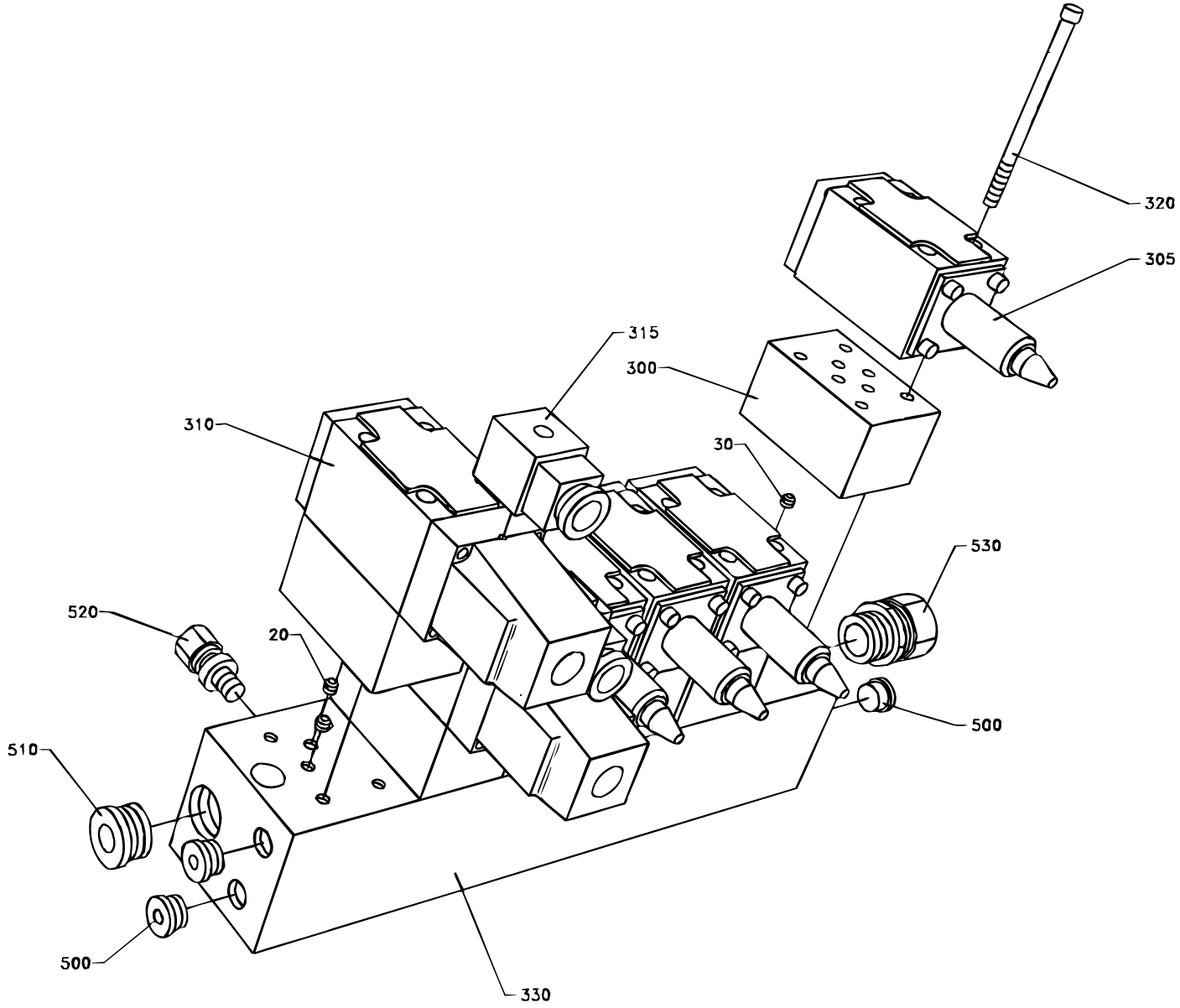




S-751691-2
ECN 22624

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
050	752603-0000	-		1	WASHER	
070	752604-0000	-		1	PIPE HOLDER	
Common parts						
F105	A 271168-0400	-		1	BLOCK	
F115	A 751689-0200	-		1	CURVE PACK	
010	979071-0000	-		1	TROUGH	
020	979072-0000	-		1	PLATE	
030	751669-0000	-		1	ARM	
035	979717-0000	-		1	PROTECTIVE GRATING	
040	751670-0000	-		1	BRACKET	
060	28036-0000	D		1	WASHER	
080	752491-0000	-		2	TIGHTENING PIECE	
090	752622-0000	-		1	STOP	
150	90417-0139	J		1	TIMING BELT T10X1560X25	
200	312115-0465	-		2	SCREW MC6S ISO 4762 M8X70 A280	
210	312109-0459	-		2	SCREW M6S ISO 4017 M8X40 A280	
215	312105-0325	-		2	SCREW M6S 5x10 A2 80	
220	312105-0460	-		2	SCREW ISO 4017 M8x45 A280	
225	312105-0463	-		2	SCREW M6S ISO 4014 M8x60 A280	
230	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
235	312105-0453	-		1	SCREW M6S ISO 4017 M8x25 A280	
240	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
245	312318-0285	-		2	STOP SCREW ISO 4029 M4x6 A4	
250	312318-0487	-		1	SET SCREW CUP POINT ISO 4029 M10X12 RFR	
290	315125-0153	-		2	WASHERS,PLAIN ROUND,CHAMFERED 6,4X22X4	
300	315105-0165	-		6	WASHER,PLAIN ROUND 8,4x16 Stainless	
310	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	
320	315105-0171	-		1	WASHER,PLAIN ROUND 10x18	
330	312105-0368	-		2	SCREW M6S ISO 4017 M6x16 A280	

Pos	Part No	SP	UN	Qty	Description	Page No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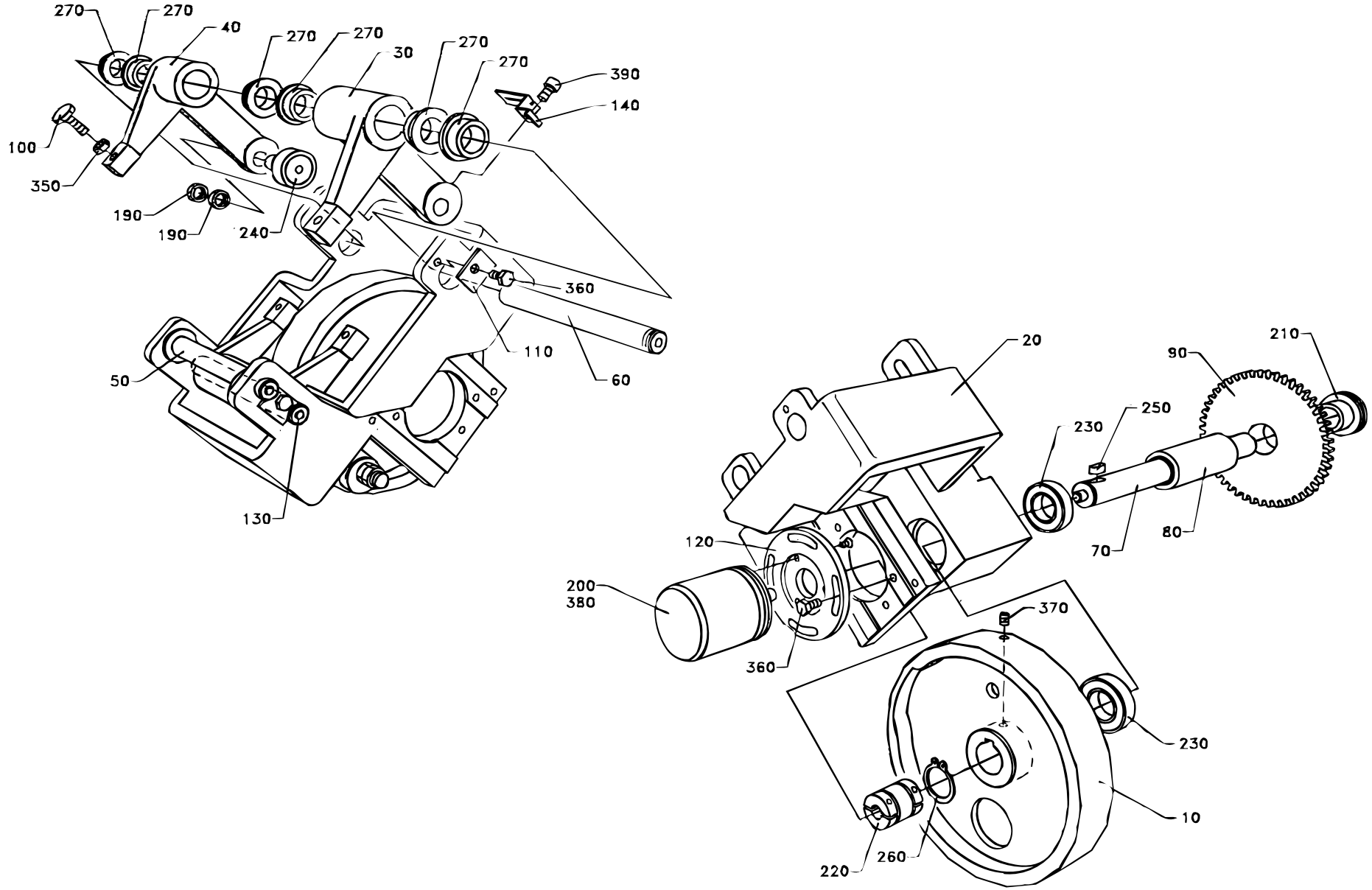
330

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
020-1	295391-0002	K		4	THROTTLE SCREW	
030	295391-0003	K		2	THROTTLE SCREW	
300-1	B 90201-0010	K		6	VALVE	
305-1	90201-0057	J		4	VALVE	
310	B 90201-0058	J		2	SOLENOID VALVE	
315	90110-0095	K		2	CONTACT 3 POLE+EARTH	
320-1	90201-0303	-		6	SPARE PARTS KIT	
330	90201-0306	-		1	BLOCK	
500	342713-0310	-		3	BLIND PLUG BPS14	
520-1	342752-0103	-		8	STRAIGHT CONNECTION GA-8-G1/4"	
Common parts						
510	342713-0313	-		1	BLIND PLUG BPS12	
530	342752-0114	-		1	STRAIGHT CONNECTION GA-15-G1/2"	

Pos	Part No	SP	UN	Qty	Description	Page No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220
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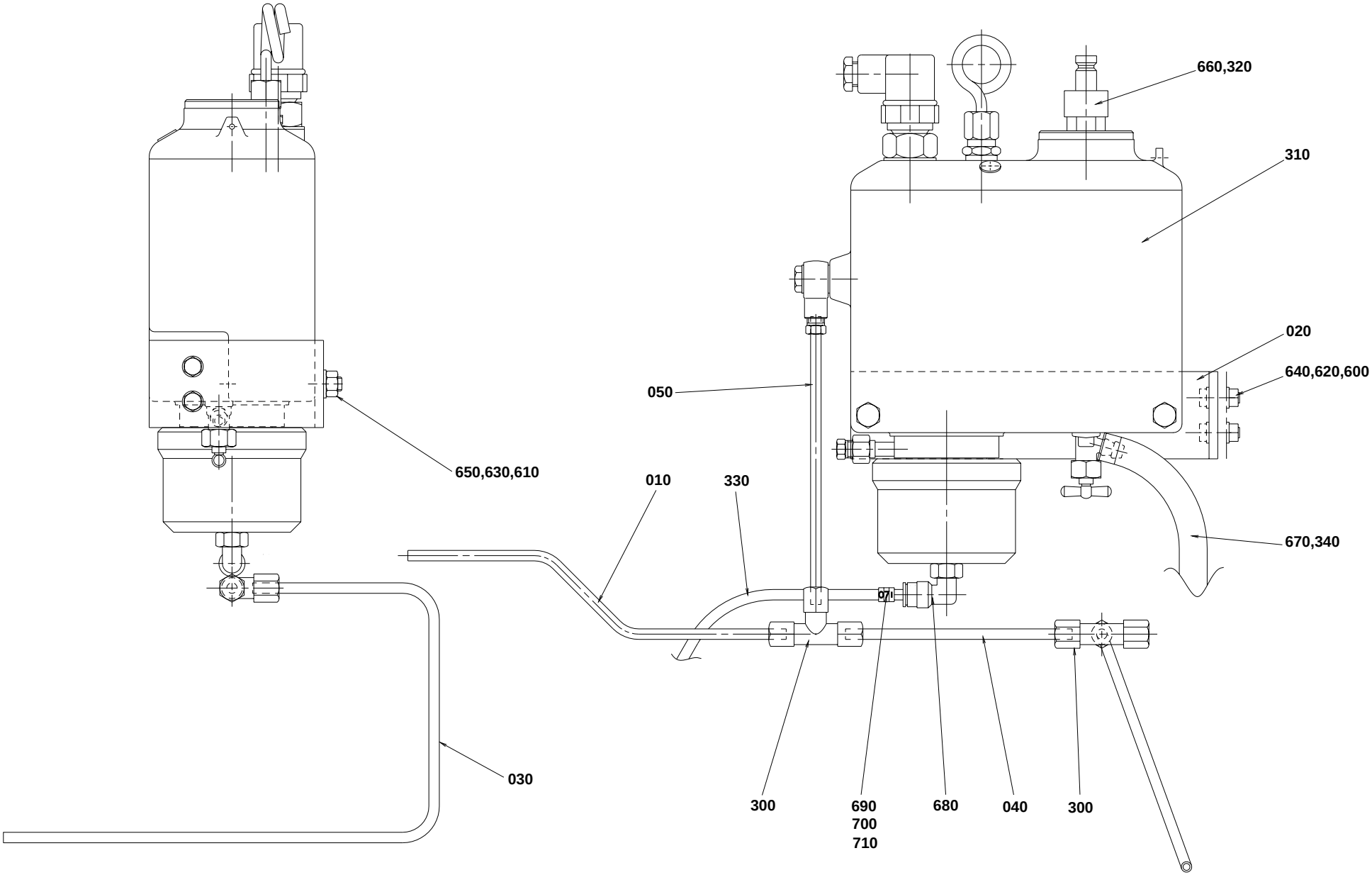
Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
010	978716-0000	-		1	CAM (IH)	
020	292473-0000	-		1	CANTILEVER	
030	297091-0000	-		2	ARM	
040	297092-0000	-		2	ARM	
100	479354-0000	M		4	SCREW	
190	90099-0015	-		8	NUTS,HEXAGON,ML6M, M12x1,5, DIN936	
240	321580-0165	I		4	BEARINGS,CAM ROLLER KR30	
350	312601-0316	-		4	NUT M6M 6-8 FZB	
Common parts						
050	292477-0000	M		1	SHAFT	
060	751682-0000	J		1	SHAFT	
070	751671-0000	J		1	SHAFT	
080	751672-0000	-		1	SPACER SLEEVE	
090	751177-0000	-		1	TIMING BELT PULLEY	
110	292482-0000	-		2	WASHER	
120	542063-0000	-		1	FLANGE	
130	751703-0000	-		1	SHAFT	
140	752767-0000	-		1	SETTING SHEET	
200	90061-0018	J		1	ANGLE ENCODER 8BIT GRAY	
210	90208-0080	-		1	CLAMPING ELEMENT WITH SLEEVE 25X34	
220	90355-0031	J		1	FLEXIBLE COUPLING	
230	321308-0205	J		2	BALL BEARING 25X47X12	
250	315701-0262	-		1	FLAT WEDGE8X7X18	
260	315750-0119	-		1	CIRCLIP SGA25	
270	321111-0240	-		14	BEARING BUSHING WITH FLANGE, 16/22X12	
360	312101-0368	-		4	SCREW M6S 6x16 Zink Plated	
370	312316-0362	-		1	STOP SCREW SK6SS6X8FZB	
380	312155-0289	-		3	SCREW MF6S 4x10 A480	
390	312115-0364	-		1	SCREW MC6S 6x10 A4 80	
400	315101-0153	-		2	WASHER BRB 6,4x12 FZB	
205	90194-0039	-		1	FLASH SIGN 18X37MM	

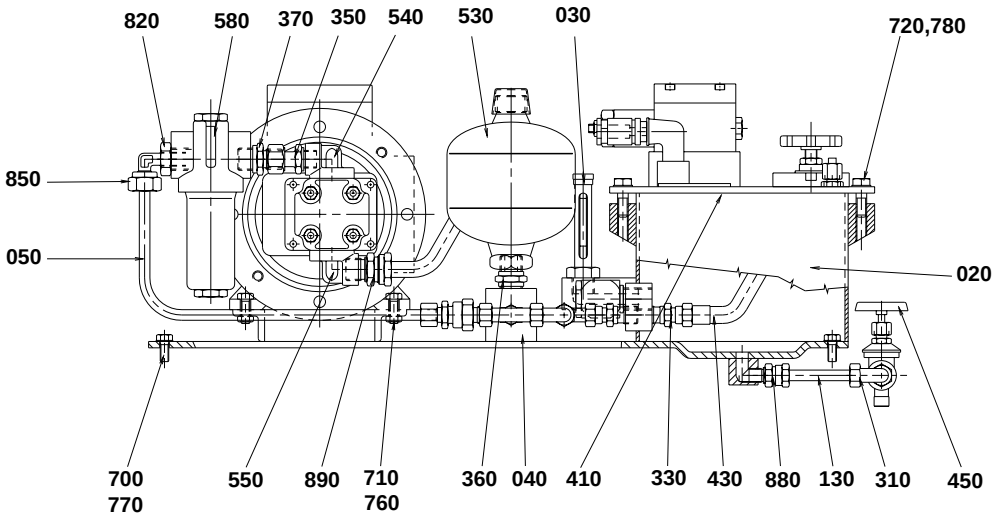
Pos	Part No	SP	UN	Qty	Description	Page No



S-978823-1
ECN 20484

Pos	Part No	SP	UN	Qty	Description	Page No
TBA						
010	979231-0000	-		1	PIPE	
Common parts						
020	979220-0000	-		1	BRACKET	
030	979232-0000	-		1	PIPE	
040	979230-0001	-		1	PIPE	
050	979230-0002	-		1	PIPE	
300	90030-0076	-		2	T-PIPE CONNECTION T-6	
310	90048-0046	D		1	Oil pump	
320	90163-0066	-		1	NIPPLE 3/8"	
330	90166-0081	-	M	3	TUBE 4 mm PA Blue	
340	90166-0113	-	M	1	HOSE	
600	312105-0370	-		2	SCREW M6S ISO 4017 M6x20 A280	
610	312105-0464	-		2	SCREW M6S ISO 4014 M8x65 A280	
620	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
630	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
640	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
650	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
660	315233-0111	-		1	PLAIN ROUND,NYLON R3/8"	
670	342732-0102	-		1	ELBOW PIPE JOINT	
680	342991-0100	-		1	HOSE CLIP,WORM DRIVE TYPE 10-13	
690	359000-0400	-		2	MARKING CO2/4"0"	
700	359000-0401	-		2	MARKING COLLAR 2/4 "1" Yellow	
710	359000-0407	-		2	MARKING COLLAR PA2/4 "7" Yellow	

Pos	Part No	SP	UN	Qty	Description	Page No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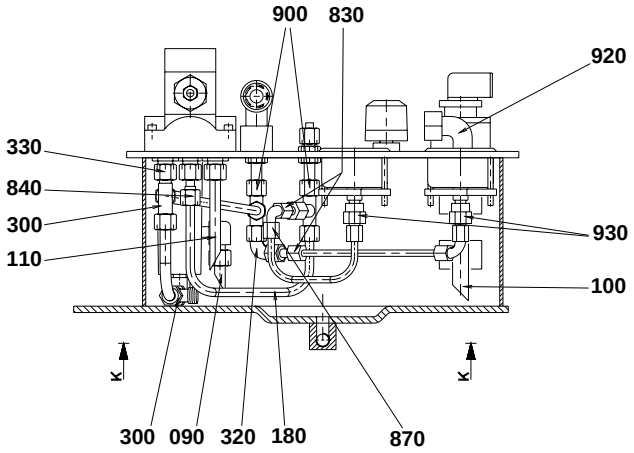
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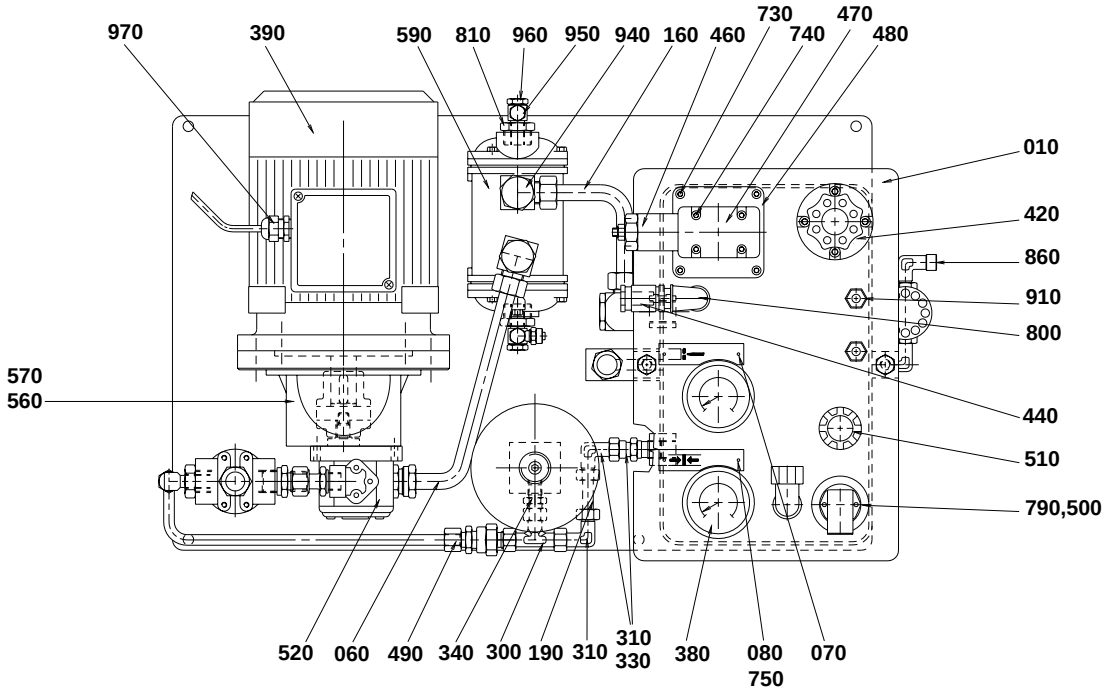
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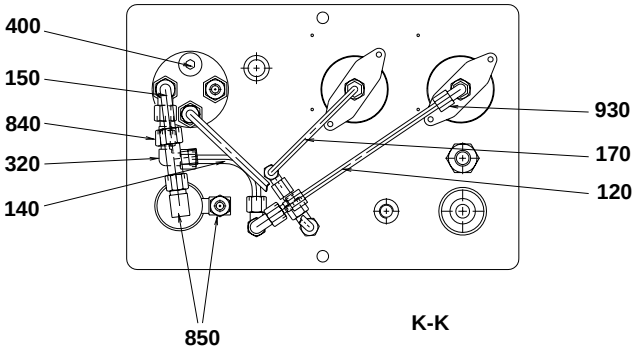
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Pos	Part No	SP	UN	Qty	Description	Page No
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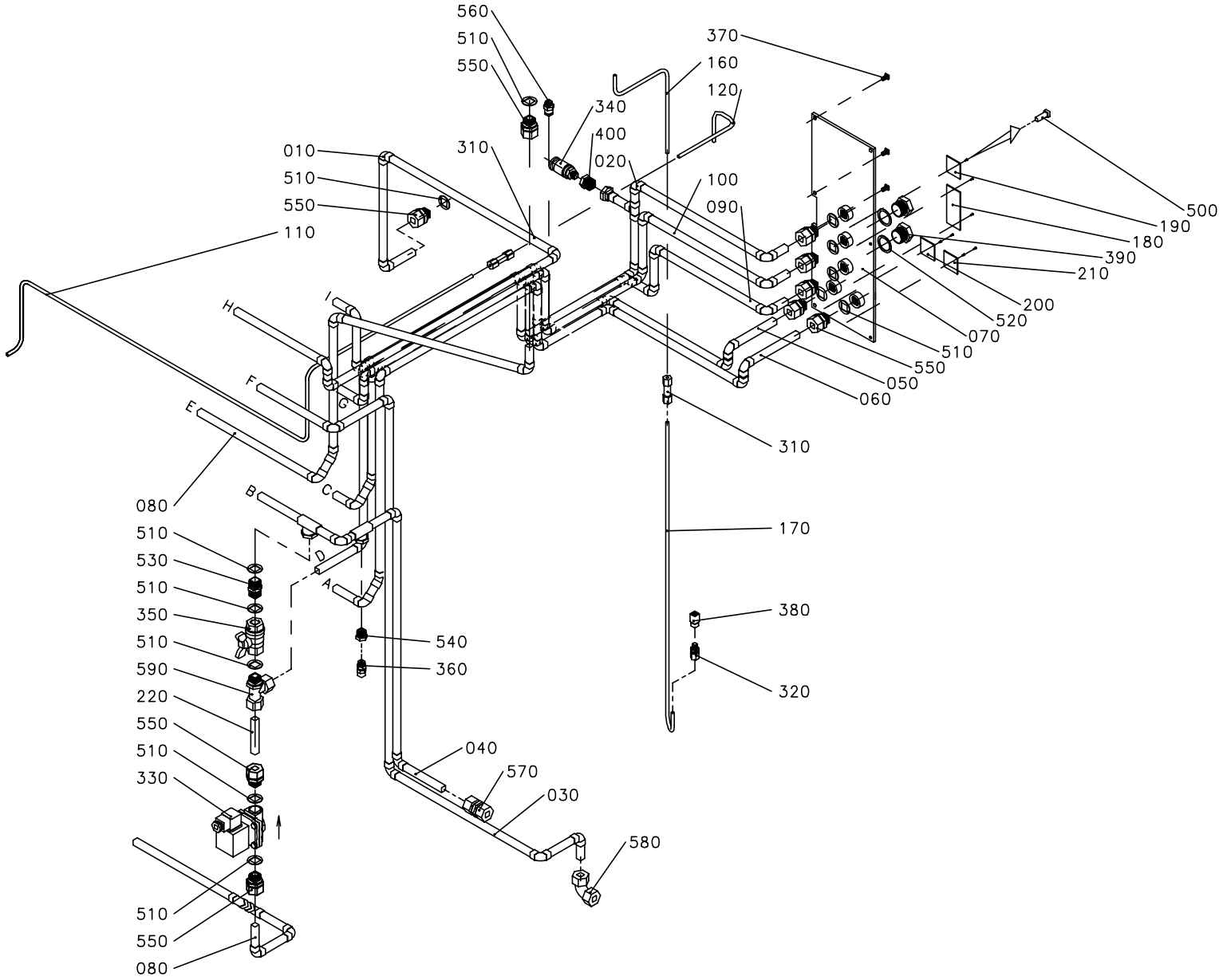
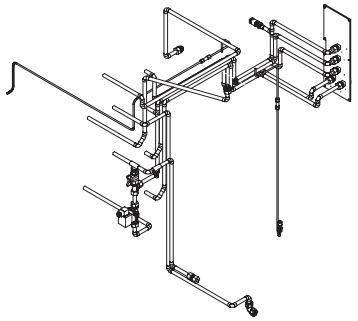
010	978479-0000	-		1	LID	
020	979375-0000	-		1	TANK	
030	978480-0000	D		1	LEVEL TUBE	
040	978481-0000	-		1	BLOCK	
050	568932-0000	-		1	PIPE	
060	568933-0000	-		1	PIPE	
070	247385-0000	-		1	SIGN	
080	247386-0000	-		1	SIGN	
090	568921-0000	-		1	PIPE	
100	568922-0000	-		1	PIPE	
110	568923-0000	-		1	PIPE	
120	568924-0000	-		1	PIPE	
130	568926-0000	-		1	PIPE	
140	568927-0000	-		1	PIPE	
150	568928-0000	-		1	PIPE	
160	568929-0000	-		1	PIPE	
170	568930-0000	-		1	PIPE	
180	568931-0000	-		1	PIPE	
190	979376-0000	-		1	PIPE	
300	90030-0120	-		3	L-PIPE CONNECTION,EVL,INT.T-8	
310	90030-0121	-		3	ELBOW CONNECTION EVW,INT 10	
320	90030-0140	-		2	ELBOW CONNECTION EVW,INT 8	
330	90030-0157	-		5	Straight Conn.10-R3/8",ext.thread	
340	90030-0178	-		1	Straight Conn., 10-R1/4,ext. thread	
350	90030-0339	-		1	Straight Conn., 12-G3/8,ext. thread	
360	90030-0340	-		1	DOUBLE NIPPLE	
370	90030-0341	-		1	Straight Conn., 12-G1/2,ext. thread	
380	90043-0062	K		2	MANOMETER	
390	90045-0079	R		1	MOTOR ABB MT90S	
400	90087-0023	-		1	PLUG	
410	90091-0159	K		1	GASKET	
420	90113-0044	K		1	PRESSURE REGULATOR	
430	90148-0036	M		1	HOSE	
440	90163-0076	-		1	SLEEVE LP-006-0-WR021	
450	90187-0120	-		1	PUSH VALVE	
460	90201-0014	M		1	VALVE	
470	90201-0307	-		1	PLATE	
480	90201-0308	-		1	PLATE	
490	90230-0017	M		1	NON RETURN VALVE	
500	90274-0053	M		1	LEVEL PROBE	
510	90277-0041	R		1	FILTER	
520	90321-0018	M		1	GEAR PUMP MLPS/T124D	
530	90321-0381	K		1	ACCUMULATOR	
540	90321-0382	-		1	FLANGE	
550	90321-0383	-		1	FLANGE	
560	90321-0384	-		1	DISTANCE PIECE	
570	90321-0385	M		1	COUPLING	
580	B 90415-0029	R		1	FILTER	
590	B 90422-0008	M		1	COOLER	
700	312101-0451	-		4	SCREW M6S 8x20 FZB	
710	312101-0453	-		4	SCREW M6S 8x25 FZB	
720	312101-0495	-		2	SCREW M6S10X30FZB	
730	312111-0333	-		4	SCREW MC6S5X25FZB	
740	312111-0343	-		4	SCREW MC6S5X60FZB	
750	312502-0171	-		4	DRIVE SCREW ROUND HEAD SMS 1549 KDS 2X6	
760	312601-0318	-		4	NUT M6M8FZB	
770	315101-0165	-		4	WASHER BRB 8,4x16 FZB	
780	315101-0173	-		2	WASHER BRB10,5X22FZB	
790	315202-0225	K		1	O-RING 44,2x3	
800	342221-0113	-		1	ELBOW PIPEANSL.15	
810	342701-0208	-		2	BUSHING RNI3/4"-1/4"	
820	342712-0205	-		1	REDUCER RI1/2"-1/4"	
830	342714-0201	-		2	REDUCTION KOR 8/6-LFZB	
840	342714-0203	-		2	REDUCTION KOR 10/8-LFZB	
850	342731-0108	-		3	ELBOW CONNECTION WE 10-LRFZB	
860	342732-0104	-		1	ELBOW PIPE JOINT	
870	342744-0102	-		2	ELBOW CONNECTION EVW,INT 6	
880	342752-0104	-		1	STRAIGHT CONNECTION GA-10-G1/4"	
890	342752-0114	-		1	STRAIGHT CONNECTION GA-15-G1/2"	
900	342761-0103	-		2	ELBOW FITT L-KOPPLING	
910	342762-0103	-		2	BULKHEAD CONNECTOR SV 8-LFZB	
920	342764-0114	-		1	BULKHEAD LWSV15-LFZB	
930	342790-0102	-		2	PRESSURE GAUGE CONNECTION MAV6-LRFZB	
940	342792-0114	-		3	BANJO CONNECTION,WH 15-G1/2"	
950	342980-0122	-		2	BANJO-CONNECTION,RING 8/6-G1/4"	
960	342980-0304	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	
970	352103-0111	-		1	CABLE GLAND ST 16	

PIPE WORK,AIR WATER





S-978875-1
ECN 70498

Pos	Part No	SP	UN	Qty	Description	Page No
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010	979142-0000	-		1	PIPE	
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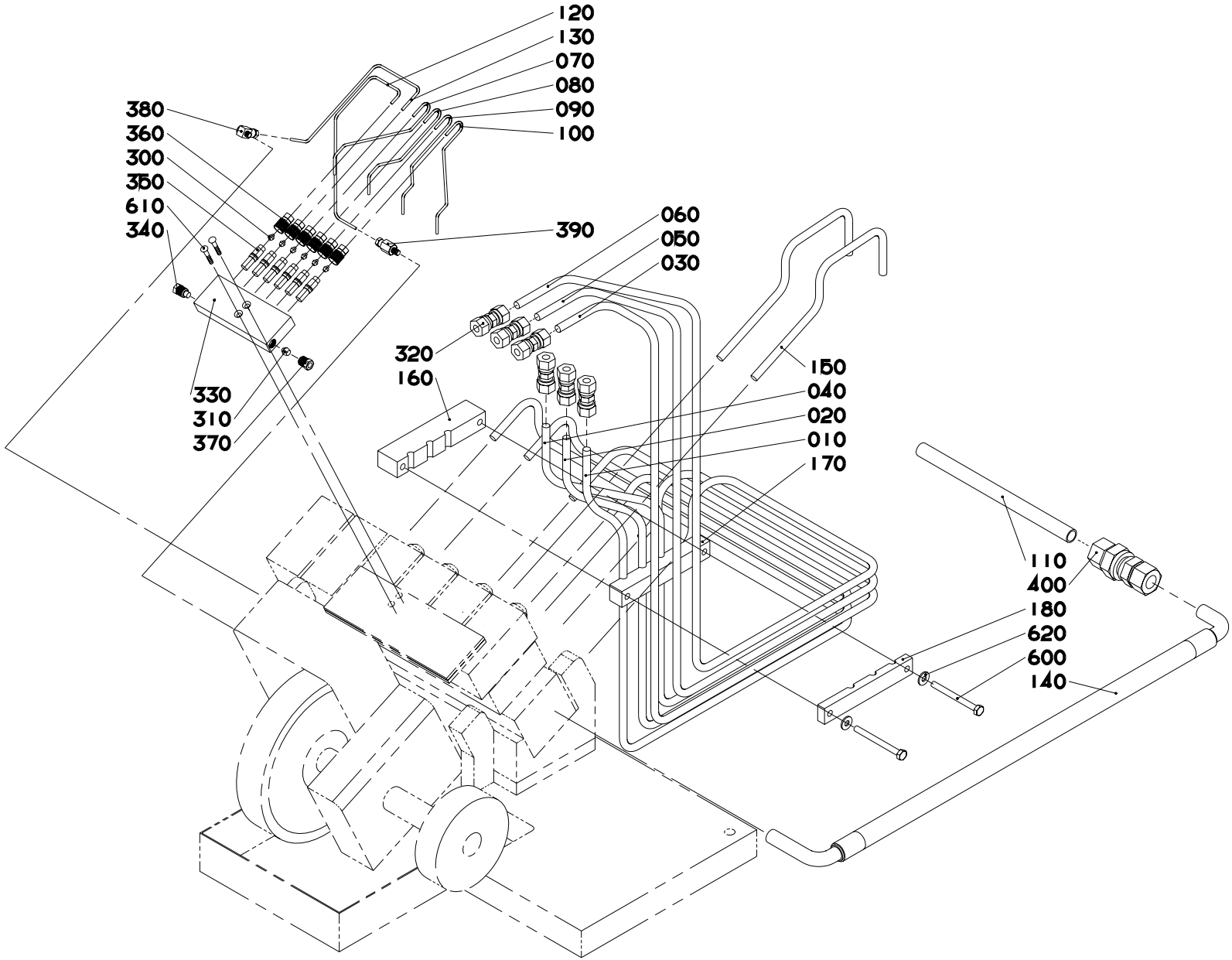
030	979145-0000	-		1	PIPE	
040	979146-0000	-		1	PIPE	
050	979147-0000	-		1	PIPE	
060	979148-0000	-		1	PIPE	
070	979179-0000	-		1	PLATE	
080	979183-0000	-		1	PIPE	
090	979239-0000	-		1	PIPE	
100	979240-0000	-		1	PIPE	
110	979273-0000	-		1	PIPE	
120	979274-0000	-		1	PIPE	
150	979143-0000	-		1	PIPE	
160	979277-0000	-		1	PIPE	
170	979278-0000	-		1	PIPE	
180	581560-0000	-		1	SIGN	
190	273455-0000	-		1	LABEL (COLD WATER)	
200	273456-0000	-		1	SIGN	
210	273458-0000	-		1	LABEL (AIR)	
220	576287-0000	-		1	PIPE	
310	90030-0075	-		2	PIPE CONNECTION G-6	
320	90030-0184	-		1	STRAIGHT CONNECTION GA-6-G1/8"	
330	B 90042-0134	D		1	SOLENOID VALVE ASCO SCG 210 802 24VDC	
340	B 90163-0013	-		1	SLEEVE	
350	90187-0029	M		1	VALVE	
360	90224-0094	-		1	NIPPLE	
370	90287-0075	-		3	SCREW, PAN HEAD,LKCS ISO1580, M6x12	
380	90330-0012	-		1	SLEEVE,REDUCTION Rp1/8"-Rp1/4"	
390	90330-0046	-		2	PLUG,ext G-thread, G3/4 - 32	
400	90330-0085	-		1	BUSHING,INT./EXT.R-THREAD R1/2"-Rp1/4"	
500	312502-0120	-		8	DRIVE SCREW ROUND HEAD SMS 1549 KDS 0X5	
510	315233-0113	-		12	PLAIN ROUND,NYLON R1/2"	
520	315233-0115	-		2	PLAIN ROUND,NYLON R3/4"	
530	342700-0113	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G1/2"-G1/2"	
540	342701-0203	-		1	BUSHING RNI3/8"-1/4"	
550	342720-0114	-		9	STRAIGHT CONNECTION GA-15-G1/2"	
560	342722-0205	-		1	STRAIGHT COUPLING D=8-R1/4"	
570	342726-0114	-		1	PIPE CONNECTION G-15	
580	342736-0114	-		1	ELBOW CONNECTION W-15	
590	342750-0114	-		1	L-PIPE CONNECTION LA-15-G1/2"	

Pos	Part No	SP	UN	Qty	Description	Page No



S-978990-1
ECN 20484

Pos	Part No	SP	UN	Qty	Description	Page No
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020	979062-0000	-		1	PIPE	
050	979065-0000	-		1	PIPE	
060	979066-0000	-		1	PIPE	
070	752599-0000	-		1	LUBRICATING PIPE	
080	752600-0000	-		1	LUBRICATING PIPE	
090	752601-0000	-		1	LUBRICATING PIPE	
100	752602-0000	-		1	LUBRICATING PIPE	
120	752662-0000	-		1	LUBRICATING PIPE	
130	752663-0000	-		1	LUBRICATING PIPE	
150	979132-0000	-		2	PIPE	
300	90028-0020	F		6	CONE DT13700S-300 Di=2,5mm	
330	90032-0040	-		1	BLOCK 6ways DT4.317796.1D	
350	90092-0052	-		6	METERING VALVE 10mm3	
360	90134-0039	-		6	BUSHING DT4.018912.1 Stainless	
Common parts						
030	979063-0000	-		1	PIPE	
040	979064-0000	-		1	PIPE	
110	752652-0000	-		1	PIPE	
140	752775-0000	D		1	HOSE	
160	979340-0000	-		1	HOLDER	
170	979341-0000	-		1	HOLDER	
180	979342-0000	-		1	HOLDER	
310	90028-0025	F		1	CONE DT4.138811.2D	
320	90030-0091	-		6	PIPE CONNECTION G-8	
340	90087-0019	-		1	PLUG M10x1 Stainless	
370	90134-0055	-		1	BUSHING 6 DIN 3871 Stainless	
375	90134-0052	-		2	PLUG DT4.076817.2D	
380	90134-0058	-		1	BANJO CONNECTION DT4.310.437.1	
390	90134-0065	-		1	CONNECTION DT2.751105.1D	
400	90230-0011	D		1	NON RETURN VALVE	
600	312105-0383	-		2	SCREW M6S ISO 4014 M6x65 A280	
610	312155-0297	-		2	SCREW MF6S DIN 7991 M4x25 A480	
620	315105-0153	-		2	WASHER,PLAIN ROUND 6,4x12 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90296-0053	-	L	10	OIL	
020	90296-0075	-	ML	2500	OIL 54322-320 Acc to M 1254.322	
030	90298-0019	-		1	DETERGENT	
040	90144-0003	-		1	TAPE	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
90042-0134						
	90042-0428	K		1	COIL ASCO 24VDC	
90042-0172						
	90042-0467	F		1	COIL 24VDC GSR	
90113-0072						
	90113-0387	-		1	FILTER	
	90113-0459	-		1	O-RING	
90163-0013						
	90163-0301	-		1	GASKET VITON REPL.BY 90163-312	
90201-0010						
	90201-0300	-		1	PLATE	
	90201-0301	-		1	SPRING	
	90201-0302	-		1	WASHER	
	90201-0303	-		1	SPARE PARTS KIT	
90201-0058						
	90201-0334	-		1	COIL	
90270-0011						
	90270-0338	K		1	SPARE PARTS KIT	
	90270-0345	K		1	SHIMS	
	90270-0346	K		1	GASKET	
	90270-0348	-		1	MOTOR ELMO RA112/MB42083	
90321-0037						
	90166-0157	K	MM	1500	HOSE	
	90321-0380	K		1	DIAPHRAGM	
	90321-0396	K		1	FILTER	
90321-0108						
	90321-0582	-		1	IMPELLER WHEEL	
	90321-0583	-		1	O-RING	
	90321-0584	-		1	BEARINGS,BALL BEARING	
90415-0029						
	90415-0323	-		1	FILTERINSERT FOR -29	
90422-0008						
	315202-0612	F		1	O-RING 75,80X3,53	
271823-0000						
	90415-0314	F		1	FILTERINSERT 5594-36	
	90415-0325	F		1	GASKET	
456883-0000						
	90066-0022	-		1	PUSH BUTTON BOX	
571088-0000						
	90360-0304	D		1	SPARE PART KIT	

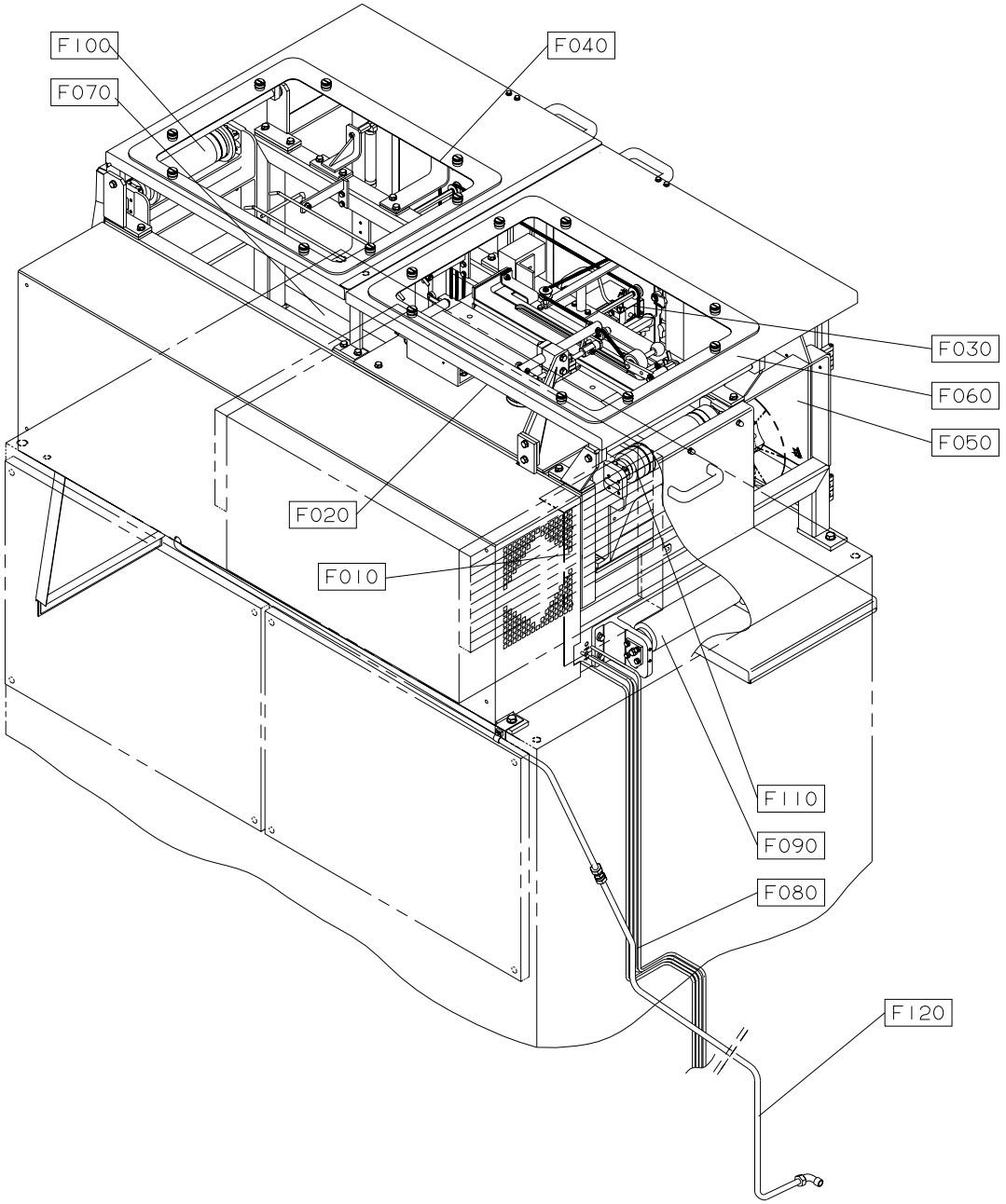
Pos	Part No	SP	UN	Qty	Description	Page No
577798-0000						
	315742-0106	-		2	RETAINING RINGS 10	
578685-0000						
	315742-0106	-		2	RETAINING RINGS 10	
578686-0000						
	315742-0106	-		2	RETAINING RINGS 10	
578687-0000						
	315742-0106	-		2	RETAINING RINGS 10	

Tetra Pak

SPC

Spare Parts Catalogue

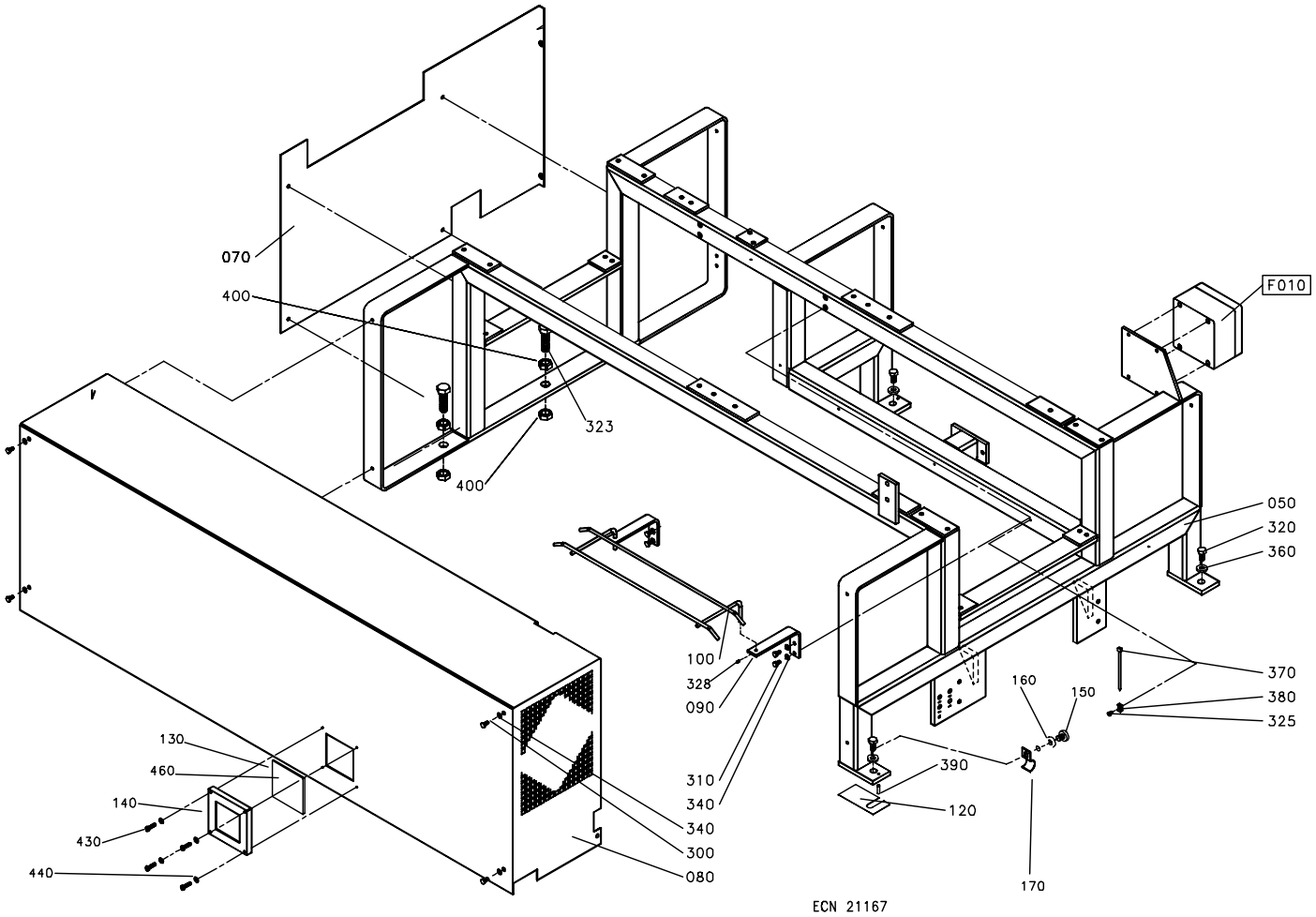
STRIP APPLICATOR

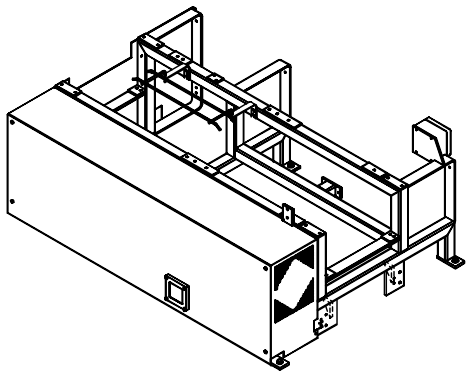


Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 580035-0100	-		1	FRAME, STRIP APPLICATOR	**630**
F020	A 580036-0100	-		1	STRIP APPLICATOR	**634**
F030	A 580037-0100	-		1	STRIP MAGAZINE	**648**
F040	A 580044-0100	-		1	SPLICING MAGAZINE	**660**
F050	A 580332-0100	-		1	DOORS	**662**
F060	A 580333-0100	-		1	PAPER GUARD	**664**
F070	A 580334-0100	-		1	CABLE DUCT	**666**
F080	A 580335-0100	-		1	PIPE WORK-PNEUMATIC	**668**
F090	A 580047-0100	-		1	BENDING ROLLER	**670**
F100	A 752627-0100	-		1	BENDING ROLLER REAR	**672**
F110	A 581148-0100	-		1	BENDING ROLLER FRONT	**674**
F120	A 979516-0100	-		1	DRAINING	**676**

Pos	Part No	SP	UN	Qty	Description	Page No

FRAME, STRIP APPLICATOR

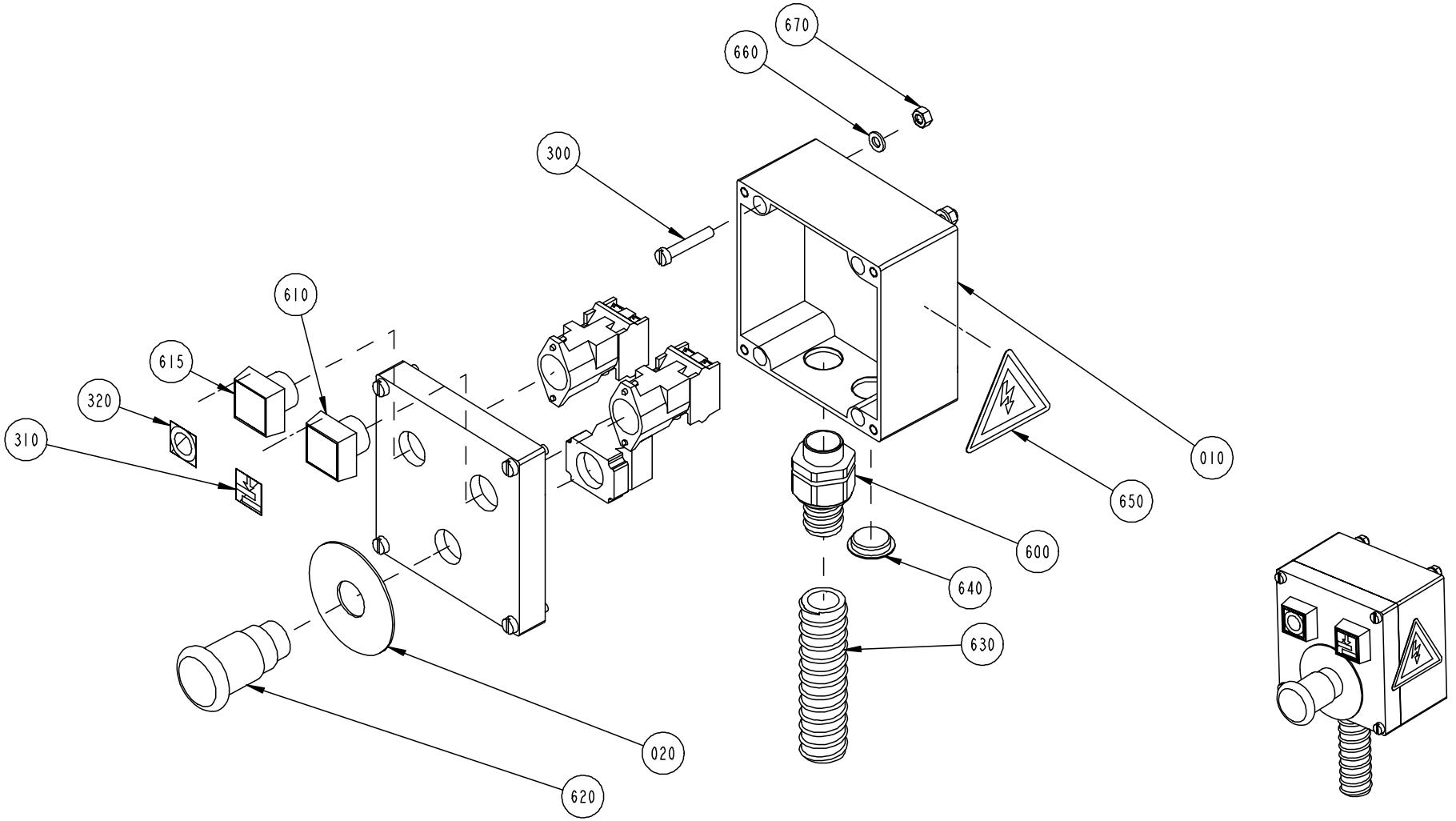




Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 580329-0100	-		1	PUSH BUTTON BOX.....	**632**
050	580331-0000	-		1	MACHINE BODY	
070	580713-0000	-		1	COVERING PLATE	
080	580951-0000	-		1	PROTECTION	
090	1260758-0000	-		2	HOLDER	
100	36316-0000	-		1	PAPER SUPPORT	
120	582849-0000	-		4	LACE	
130	1296887-0000	-		1	WINDOW	
140	1317527-0000	-		1	COVER	
145	1478818-0000	-		1	PROTECTION	
170	90074-0003	-		1	CABLE CLIP JR12 STAINLESS	
300	312105-0362	-		11	SCREW M6S ISO 4017 M6x8 A280	
310	312105-0367	-		4	SCREW M6S 6x14 A2 80	
320	312105-0493	-		3	SCREW M6S ISO 4017 M10X25 A280	
323	312105-0630	-		2	SCREW M6S ISO 4017 M16X50 A280	
325	312125-0287	-		7	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
328	312318-0222	-		2	SET SCREW CUP POINT ISO 4029 M3X8 RFR	
340	315115-0153	-		15	WASHER TBRB 6,4x12 Stainless	
360	315105-0173	-		3	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
370	352113-0102	-		6	CLIP-STRIP,Black 188x4,8mm	
380	352113-0202	-		6	ANCHOR TM2S8-M REPL.BY 352113-205	
390	311103-0310	-		2	PINS,STRAIGHT 5X20	
400	90099-0131	-		4	NUTS,HEXAGON, M16x2, ISO4035	
430	312125-0293	-		4	SLOTTED CHEESE HEAD ISO 1207 M4X16 RFR	
440	315105-0136	-		5	WASHER,PLAIN ROUND 4,3x8 Stainless	
450	312605-0312	-		4	NUT,HEXAGON,M4 RFR	
460	90144-0044	-		1	TAPE Scotch VHB 4945;12,7mm	

Pos	Part No	SP	UN	Qty	Description	Page No

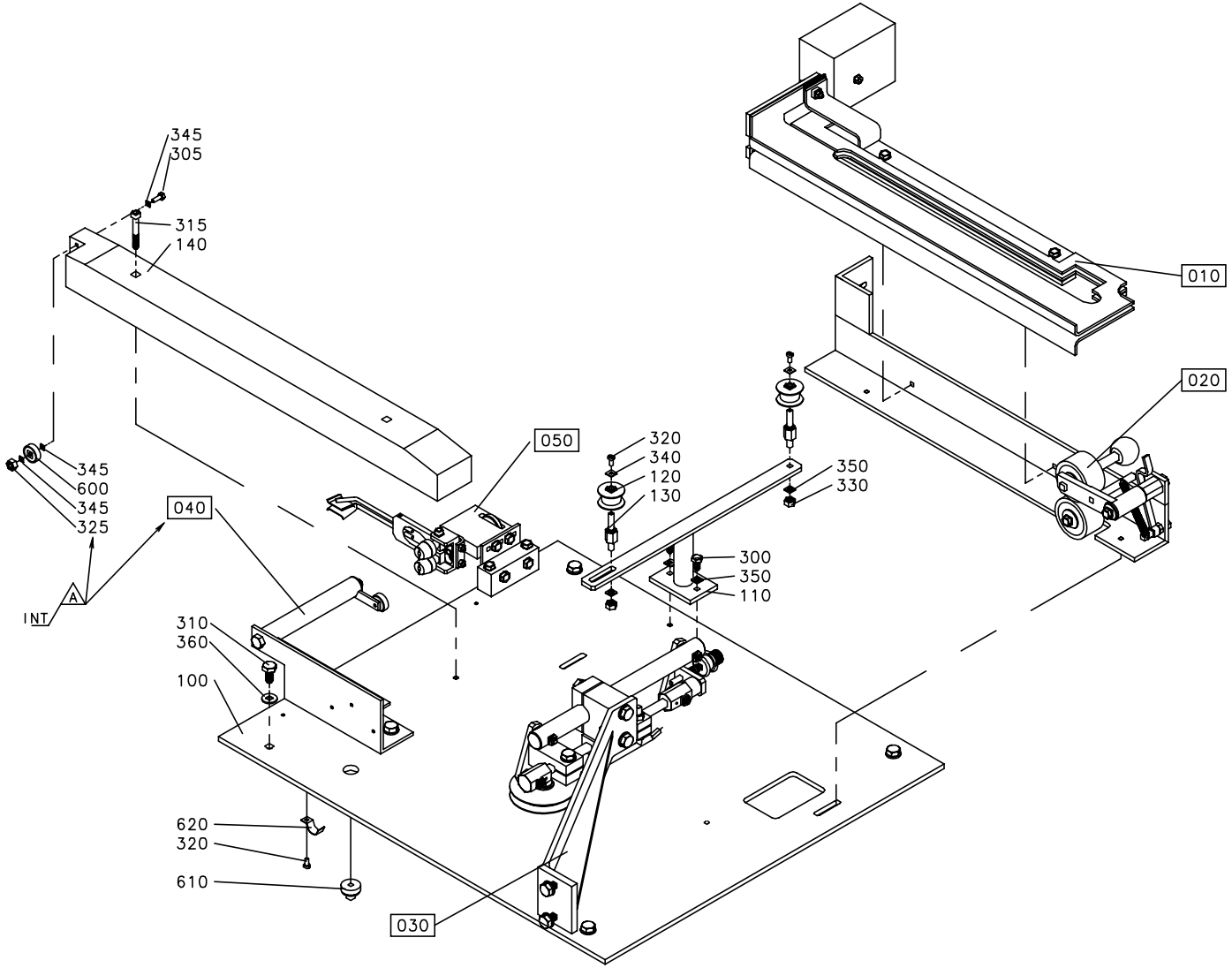
PUSH BUTTON BOX

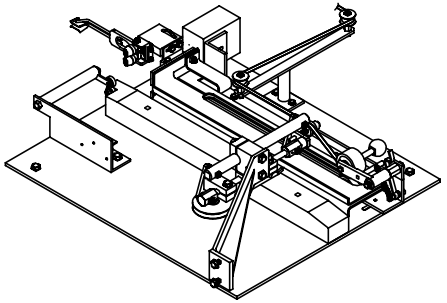


Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	580328-0000	-		1	CONNECTION BOX	
020	486826-0001	-		1	SIGN "EMERGENCY STOP"	
300	312125-0376	-		4	SLOTTED CHEESE HEAD ISO 1207 M6X35 RFR	
310	359301-0100	-		1	SIGN "SPLICING"	
320	359301-0110	-		1	SIGN "SHORT STOP"	
600	90012-0072	-		2	GLAND FITTING **	
610	90064-0084	-		1	PUSH BUTTON YELLOW	
615	90064-0085	-		1	PUSH BUTTON RED	
620	90064-0124	-		1	SWITCH,EMERGENCY STOP	
630	90152-0051	-	MM	500	GLANDS,HOSE 25x18	
640	90002-0004	-		1	BLANK-OFF PLUG 22,5	
650	90194-0016	-		1	SIGN "FLASH SIGN" 50X50MM	
660	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
670	312605-0316	-		4	NUT,HEXAGON A280 M6M6	

Pos	Part No	SP	UN	Qty	Description	Page No

STRIP APPLICATOR



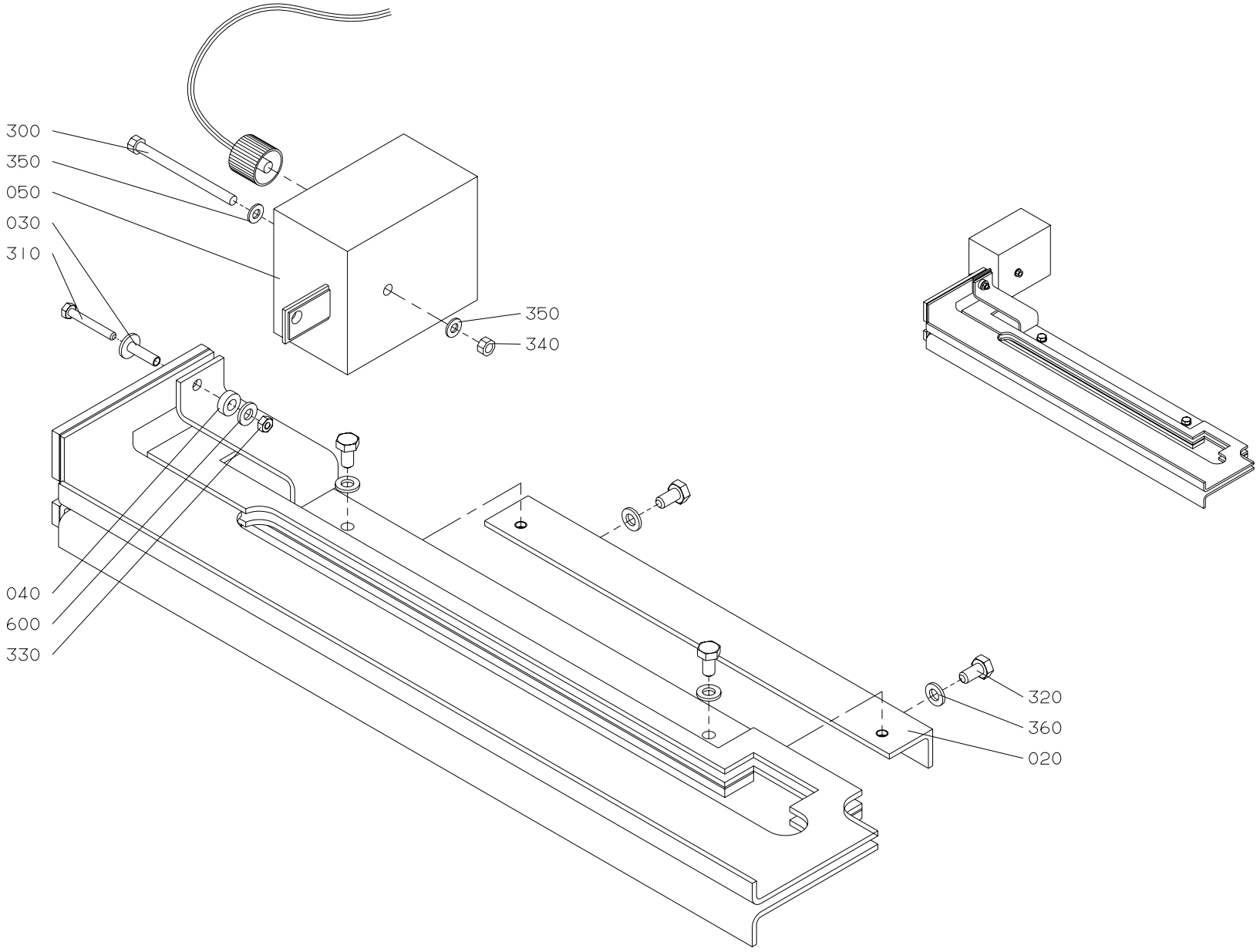


S-580036-1
ECN 70848

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A 580038-0100	-		1	INDUCTOR	**636**
F020	A 580039-0100	-		1	PRESSURE ROLLER	**638**
F030	A 580040-0100	-		1	CONTROL UNIT	**640**
F040	A1279624-0100	-		1	SPLICE DETECTOR	**644**
F050	A1260962-0100	-		1	PAPER GUIDE	**646**
100	580051-0000	-		1	SHEET	
110	580052-0000	-		1	HOLDER	
120	401022-0000	K		2	ROLL	
130	579553-0000	D		2	SHAFT	
140	580716-0000	D		1	STEERING	
300	312105-0367	-		2	SCREW M6S 6x14 A2 80	
305	312105-0339	-		1	SCREW M6S ISO 4014 M5X40 A280	
310	312105-0449	-		4	SCREW M6S ISO 4017 M8x16 A280	
315	312115-0378	-		2	SCREW MC6S ISO 4762 M6X40 A280	
320	312125-0287	-		4	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
325	312812-0314	-		1	NUT,HEXAGON,LOCK,WITH NYLON,M5	
330	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
340	315105-0136	-		2	WASHER,PLAIN ROUND 4,3x8 Stainless	
345	315105-0146	-		3	WASHER,PLAIN ROUND 5,3x10 Stainless	
350	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
600	90214-0138	I		1	BEARINGS,BALL BEARING,STAINLESS	
610	90015-0020	-		1	RUBBER BUSHING 5-7	
620	90073-0001	-		2	CLIP 8mm	

Pos	Part No	SP	UN	Qty	Description	Page No

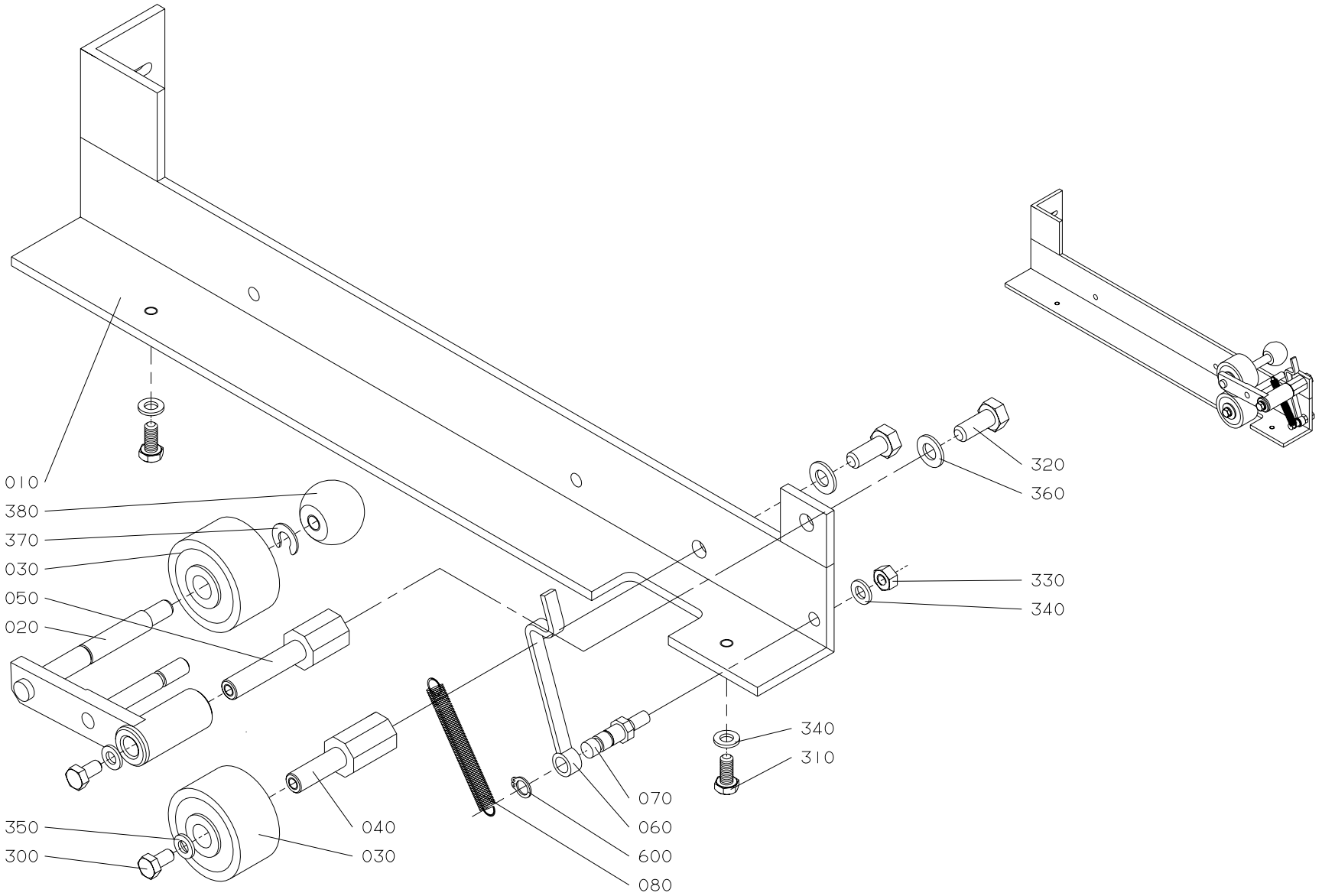
INDUCTOR



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035587-0000	D		1	INDUCTOR	
020	1036588-0000	-		1	BRACKET	
030	1038016-0000	R		1	SPACER	
040	32644-0000	R		1	WASHER	
050	67380-0101	R		1	IH TRANSF.SEC.=2 PRIMARY=6.C=21,6 NF	
300	312101-0344	-		1	SCREW M6S5X65FZB	
310	312105-0299	-		1	SCREW M6S ISO 4014 M4X30 A280	
320	312105-0366	-		4	SCREW M6S ISO 4017 M6x12 A280	
330	312605-0312	-		1	NUT,HEXAGON,M4 RFR	
340	312605-0314	-		1	NUT,HEXAGON,M6M5 Stainless	
350	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
360	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
600	90005-0082	-		2	WASHER,Plain Round 4,3x12;H=1 M4	

Pos	Part No	SP	UN	Qty	Description	Page No

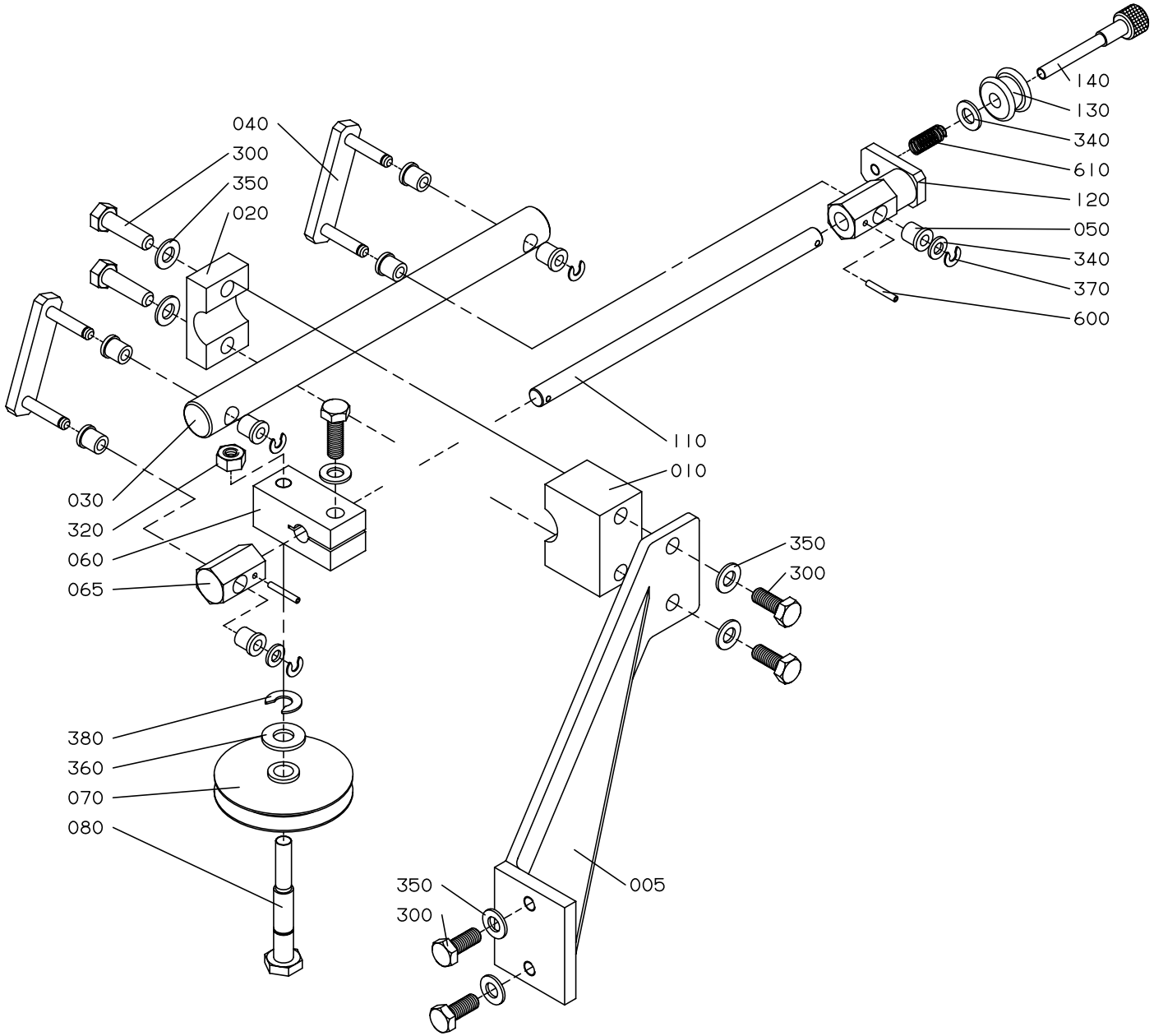
PRESSURE ROLLER

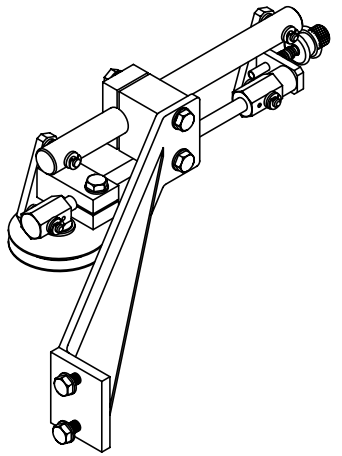


Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	578996-0000	-		1	FASTENING BRACKET	
020	578997-0000	D		1	HOLDER	
030	1129764-0000	I		2	ROLL	
040	1035895-0000	D		1	SHAFT	
050	1035894-0000	D		1	SHAFT	
060	1035891-0000	D		1	BARRIER	
070	1035890-0000	D		1	HOLDER	
080	979973-0000	M		1	SPRING	
300	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
310	312105-0367	-		2	SCREW M6S 6x14 A2 80	
320	312105-0449	-		2	SCREW M6S ISO 4017 M8x16 A280	
330	312605-0316	-		1	NUT,HEXAGON A280 M6M6	
340	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
350	315105-0156	-		1	WASHER BRB 6,7x14 RFR	
360	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	
370	315755-0801	-		1	RETAINING RINGS,RADIAL ASSEMBLY 8	
380	318800-0104	-		1	HANDLE,SPHERICAL KNOB,INT.THRE.,D.30-M8	
600	90141-0015	-		1	RETAINING RINGS FOR SHAFT 8	

Pos	Part No	SP	UN	Qty	Description	Page No

CONTROL UNIT



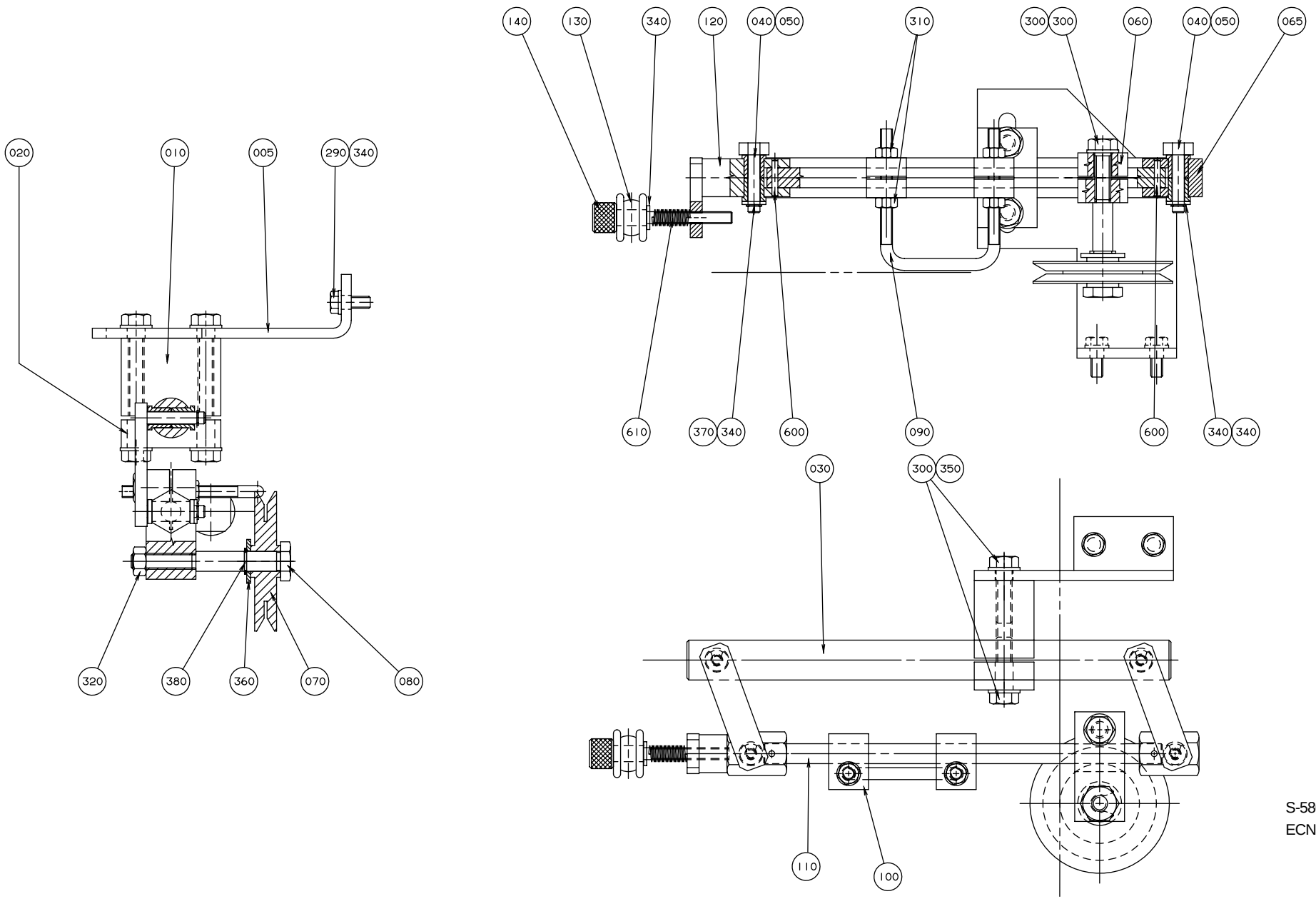


S-580040-1
ECN 70297

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
005	243218-0000	-		1	CANTILEVER	
120	579000-0000	-		1	JOINT	
300	312105-0453	-		7	SCREW M6S ISO 4017 M8x25 A280	
350	315105-0165	-		7	WASHER,PLAIN ROUND 8,4x16 Stainless	
PT19						
005	1334330-0000	-		1	CANTILEVER	
120	1260855-0000	-		1	JOINT	
300	312105-0453	-		5	SCREW M6S ISO 4017 M8x25 A280	
350	315105-0165	-		5	WASHER,PLAIN ROUND 8,4x16 Stainless	
Common parts						
010	266761-0000	-		1	MOUNTING LUG	
020	31423-0000	-		1	MOUNTING LUG	
030	979800-0000	-		1	SHAFT	
040	272177-0000	D		2	LINK	
050	255064-0000	J		8	BUSHING	
060	456027-0000	-		1	CLAMP HOLDER	
065	456028-0000	-		1	JOINT	
070	31425-0000	M		1	GUIDE WHEEL	
080	580045-0000	D		1	SHAFT	
110	979801-0000	-		1	SHAFT	
130	257923-0000	M		1	GUIDE WHEEL	
140	579001-0000	D		1	SCREW	
320	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
340	315105-0153	-		3	WASHER,PLAIN ROUND 6,4x12 Stainless	
360	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
370	315754-0107	-		4	LOCKING WAE 5	
380	315754-0110	-		1	LOCKING WAE 9	
600	90258-0031	-		2	PINS,Slotted Tubular, 3x 20, DIN1481	
610	90335-0027	-		1	SPRING	

Pos	Part No	SP	UN	Qty	Description	Page No

CONTROL UNIT

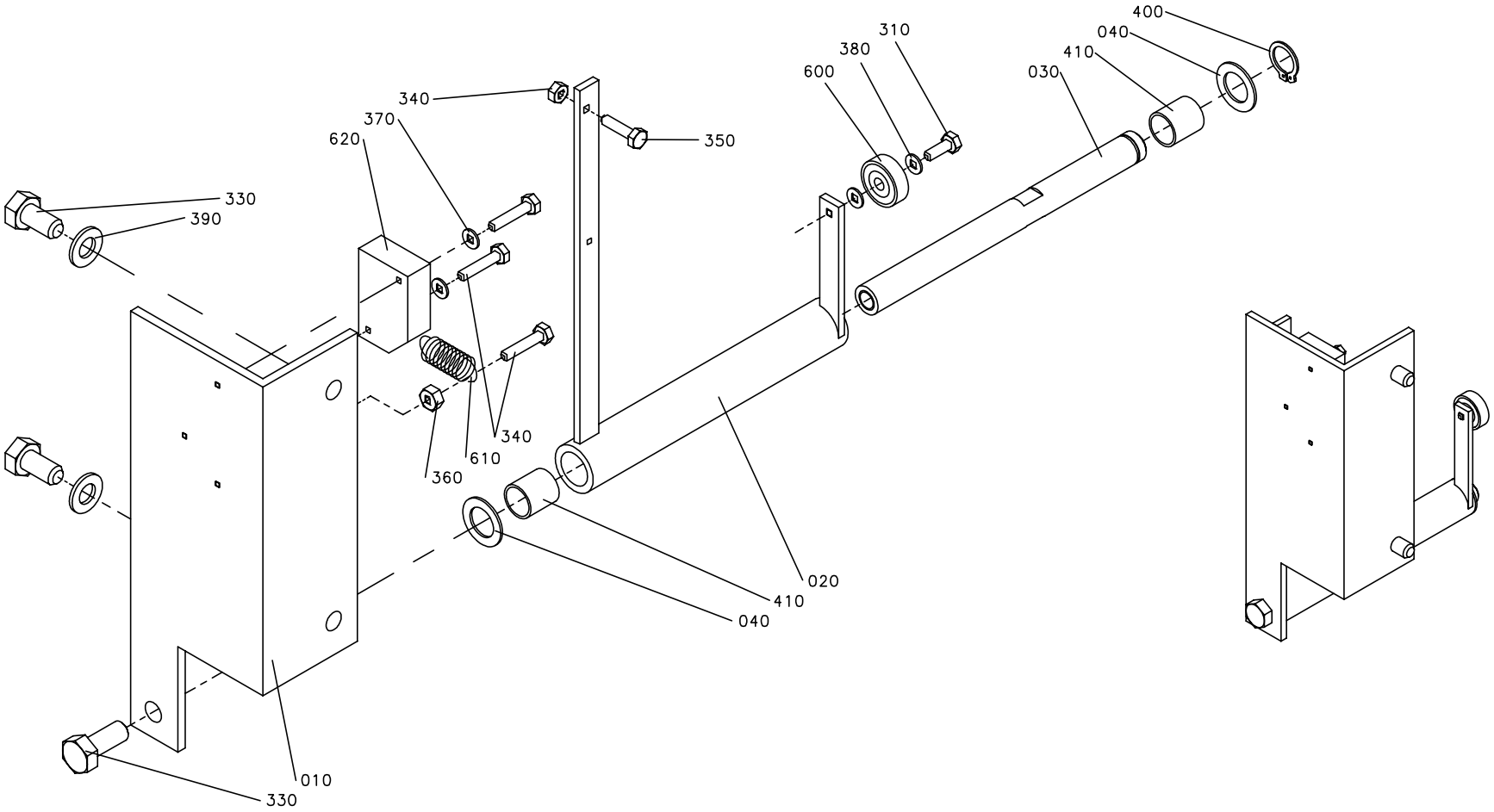


S-580040-2
ECN 70037

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
005	243218-0000	-		1	CANTILEVER	
120	579000-0000	-		1	JOINT	
300	312105-0453	-		7	SCREW M6S ISO 4017 M8x25 A280	
350	315105-0165	-		7	WASHER,PLAIN ROUND 8,4x16 Stainless	
PT19						
005	1334330-0000	-		1	CANTILEVER	
120	1260855-0000	-		1	JOINT	
300	312105-0453	-		5	SCREW M6S ISO 4017 M8x25 A280	
350	315105-0165	-		5	WASHER,PLAIN ROUND 8,4x16 Stainless	
Common parts						
010	266761-0000	-		1	MOUNTING LUG	
020	31423-0000	-		1	MOUNTING LUG	
030	979800-0000	-		1	SHAFT	
040	272177-0000	D		2	LINK	
050	255064-0000	J		8	BUSHING	
060	456027-0000	-		1	CLAMP HOLDER	
065	456028-0000	-		1	JOINT	
070	31425-0000	M		1	GUIDE WHEEL	
080	580045-0000	D		1	SHAFT	
110	979801-0000	-		1	SHAFT	
130	257923-0000	M		1	GUIDE WHEEL	
140	579001-0000	D		1	SCREW	
320	312605-0318	-		1	NUT,HEXAGON,M8 RFR	
340	315105-0153	-		3	WASHER,PLAIN ROUND 6,4x12 Stainless	
360	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
370	315754-0107	-		4	LOCKING WAE 5	
380	315754-0110	-		1	LOCKING WAE 9	
600	90258-0031	-		2	PINS,Slotted Tubular, 3x 20, DIN1481	
610	90335-0027	-		1	SPRING	

Pos	Part No	SP	UN	Qty	Description	Page No

SPLICE DETECTOR

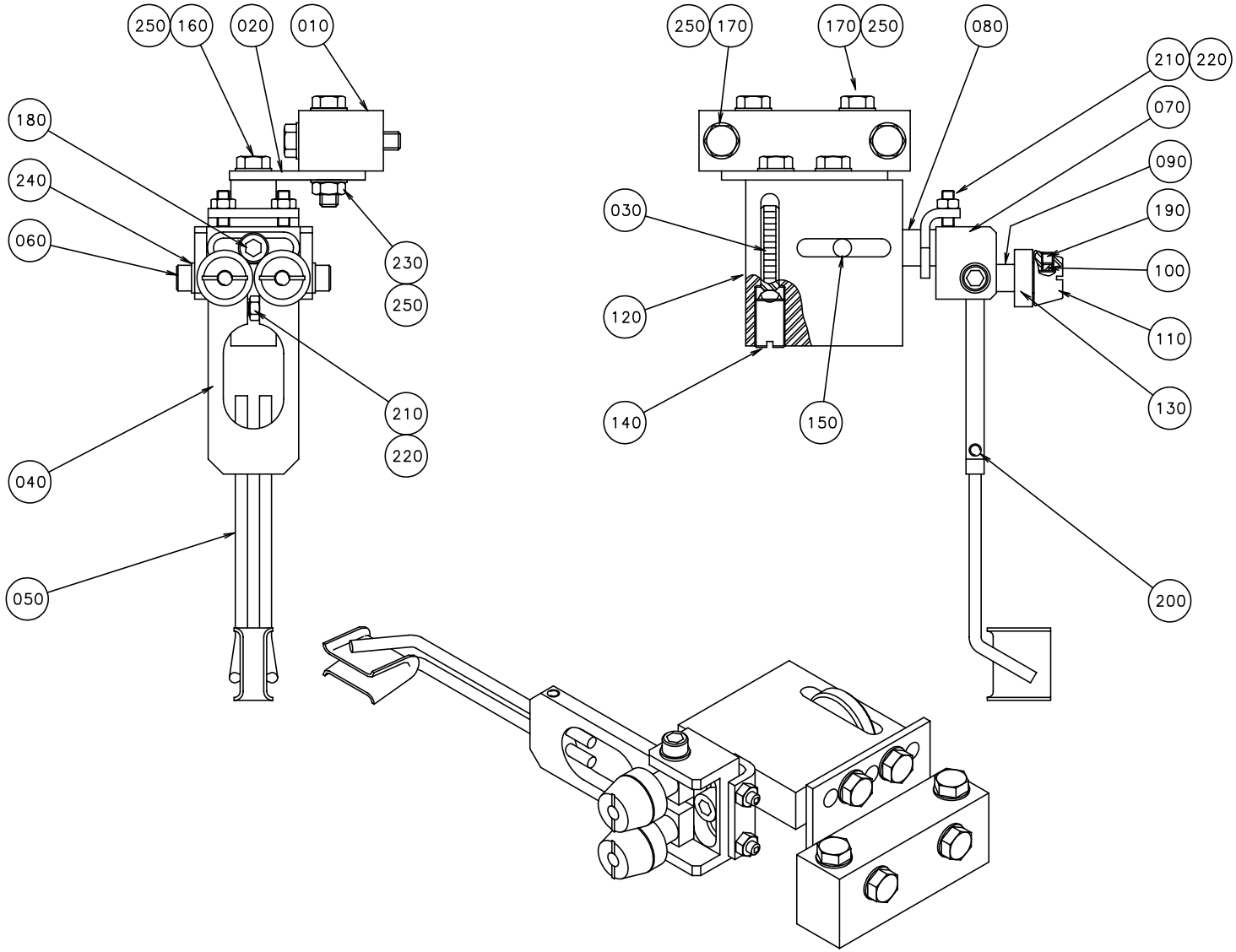


S-1279624-1
ECN 70423

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260558-0000	-		1	BRACKET	
020	979899-0000	-		1	BRACKET	
030	1035897-0000	-		1	SHAFT	
040	266737-0000	-		2	WASHER	
300	312105-0295	-		1	SCREW M6S ISO 4017 M4X20 A280	
310	312105-0328	-		1	SCREW M6S5X14 A2 80	
320	312105-0370	-		1	SCREW M6S ISO 4017 M6x20 A280	
330	312105-0449	-		3	SCREW M6S ISO 4017 M8x16 A280	
340	312115-0228	-		3	SCREW MC6S ISO 4762 M3X16 A280	
350	312605-0312	-		1	NUT,HEXAGON,M4 RFR	
360	312605-0310	-		1	NUT,HEXAGON,M6M3 RFR	
370	315105-0124	-		2	WASHER,PLAIN ROUND 3,2x6	
380	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
390	315105-0165	-		3	WASHER,PLAIN ROUND 8,4x16 Stainless	
400	315751-0109	-		1	RETAINING RINGS FOR SHAFT 12	
410	321120-0111	M		2	BEARING BUSHING WITHOUT FLANGE,12/14X15	
600	90214-0138	I		1	BEARINGS,BALL BEARING,STAINLESS	
610	90335-0216	M		1	Tension spring	
620	90044-0104	J		1	PROX.SWITCH IFM IN 3002	

Pos	Part No	SP	UN	Qty	Description	Page No

PAPER GUIDE

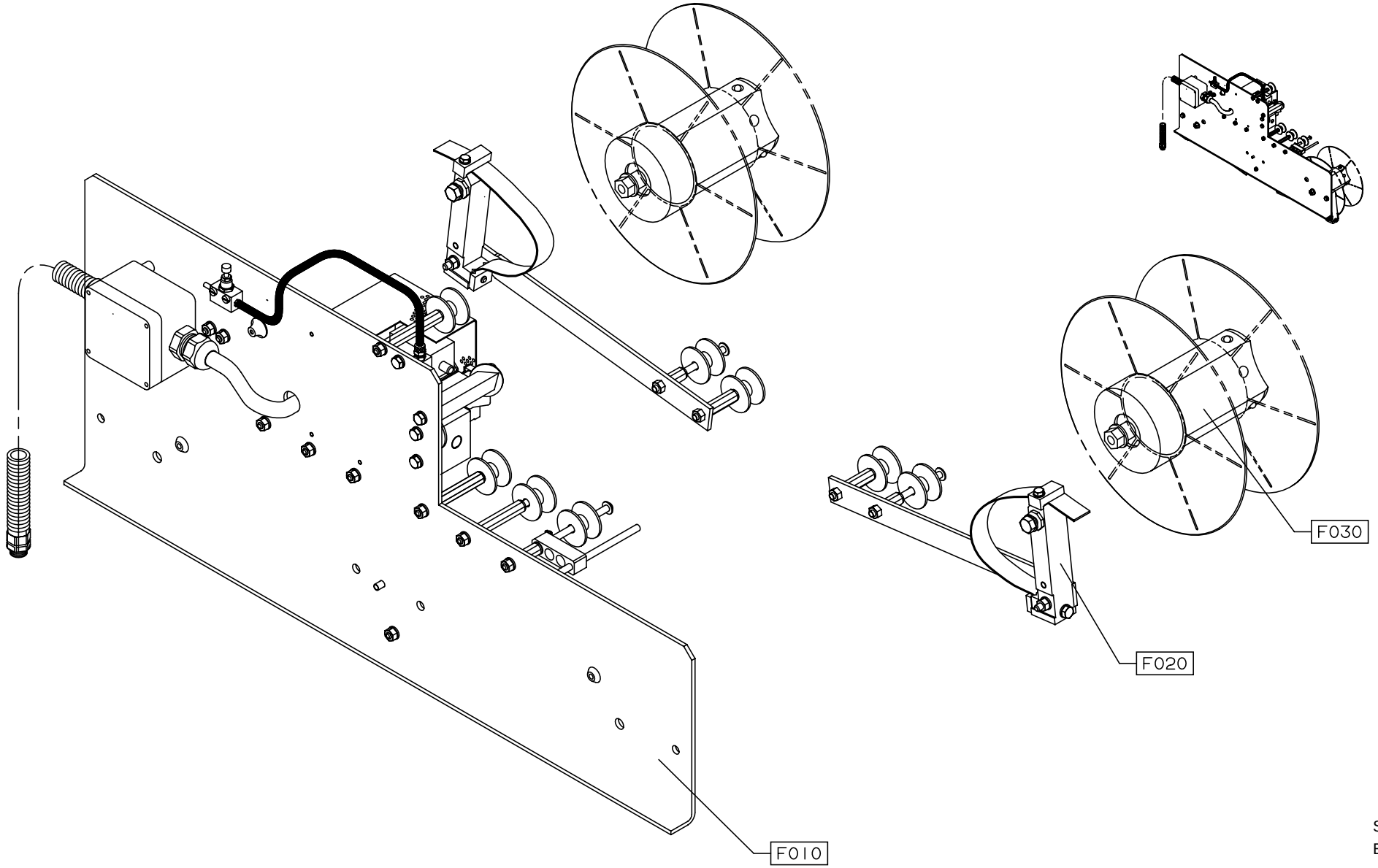


S-1260962-1
ECN 70423

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260556-0000	-		1	BRACKET	
020	1260557-0000	-		1	BRACKET	
030	23580-0000	D		1	SHIFTER HANDLE	
040	905937-0000	D		1	SPRING	
050	23583-0000	D		1	GUIDE FINGER	
060	23584-0000	R		2	SCREW	
070	24351-0000	D		1	BOW CLAMP	
080	24352-0000	D		1	SHAFT	
090	24355-0000	R		2	DOWEL	
100	24356-0000	R		4	PIECE	
110	111543-0000	R		2	GUIDE CONE	
120	245210-0000	D		1	BODY	
130	90214-0138	I		2	BEARINGS,BALL BEARING,STAINLESS	
140	90287-0009	R		1	SPRINGLOADED SCREW	
150	311103-0350	-		1	PIN,STRAIGHT M6 6x14 RFR	
160	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
170	312109-0376	-		4	SCREW M6S ISO 4017 M6X35 A280	
180	312115-0366	-		1	SCREW MC6S ISO 4762 M6X12 A280	
190	312318-0283	-		4	SET SCREW CUP POINT ISO 4029 M4X4 RFR	
200	312318-0285	-		2	STOP SCREW ISO 4029 M4x6 A4	
210	312318-0291	-		3	SET SCREW CUP POINT ISO 4029 M4X12 RFR	
220	312605-0312	-		3	NUT,HEXAGON,M4 RFR	
230	312605-0316	-		2	NUT,HEXAGON A280 M6M6	
240	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
250	315105-0153	-		8	WASHER,PLAIN ROUND 6,4x12 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

STRIP MAGAZINE

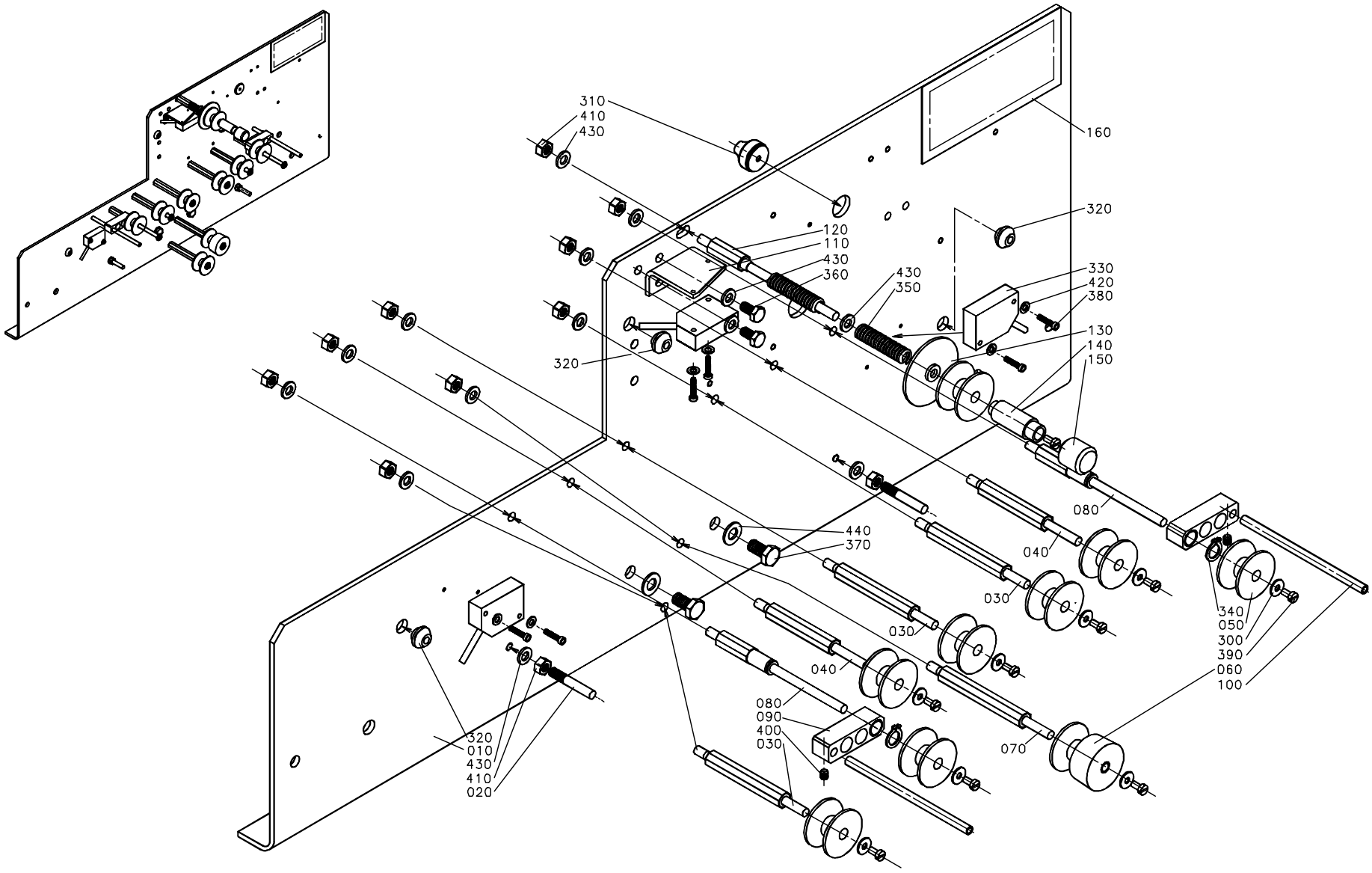


S-580037-1
ECN 70368

Pos	Part No	SP	UN	Qty	Description	Page No
-						
F010	A1350190-0100	-		1	MOUNTING SHEET	**650**
F020	A 580060-0100	-		2	BRAKE ARM	**652**
F030	A 580042-0100	-		2	HUB JUMBO	**654**
F040	A 580043-0100	-		1	SPLICING DEVICE	**656**

Pos	Part No	SP	UN	Qty	Description	Page No

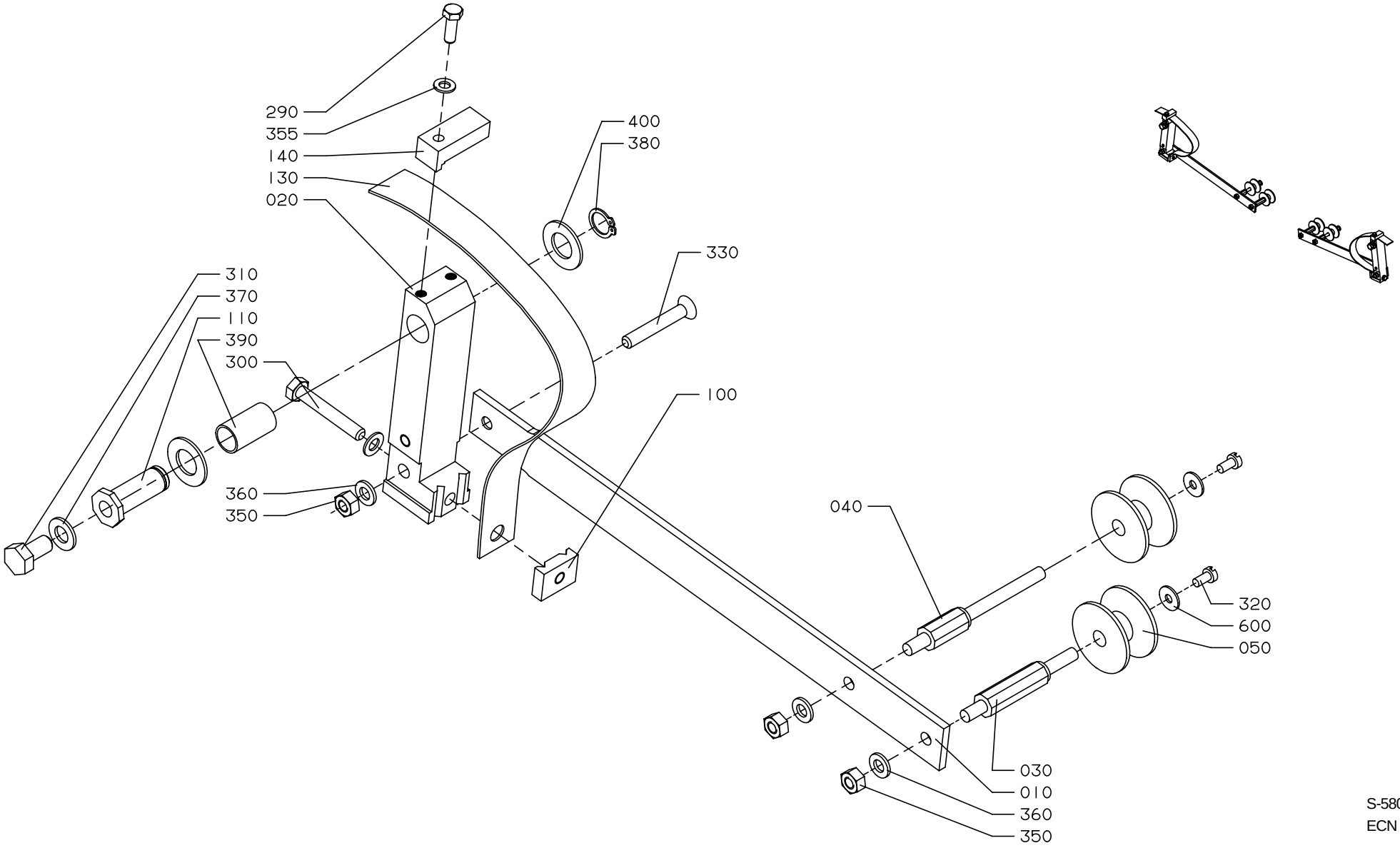
MOUNTING SHEET



Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	581566-0000	-		1	ASSEMBLY PLATE	
020	B 469159-0000	-		2	PIN	
030	536916-0000	-		3	AXLE PIN	
040	544727-0000	-		2	AXLE PIN	
050	B 544730-0000	-		8	ROLL	
060	B 580059-0000	-		1	ROLL	
070	581030-0000	-		1	AXLE PIN	
080	979666-0000	-		2	AXLE PIN	
090	B 979667-0000	-		2	ARM	
100	979668-0000	-		2	FINGER	
110	1260499-0000	-		1	BRACKET	
120	1260500-0000	-		1	AXLE PIN	
130	1260501-0000	-		1	CONTACT LINK	
140	1260502-0000	-		1	RETURN PIPE	
150	1260503-0000	-		1	PUSH BUTTON	
160	1348666-0000	-		1	SIGN	
300	90005-0082	-		8	WASHER,Plain Round 4,3x12;H=1 M4	
310	90015-0020	-		1	RUBBER BUSHING 5-7	
320	90015-0032	-		3	LEAD-IN BUSHING	
330	90044-0104	-		3	PROX.SWITCH IFM IN 3002	
340	90141-0016	-		2	RETAINING RING FOR SHAFT 10	
350	90335-0218	-		2	COMPRESSION SPRING	
360	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
370	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A280	
380	312115-0228	-		6	SCREW MC6S ISO 4762 M3X16 A280	
390	312125-0287	-		9	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
400	312318-0285	-		2	STOP SCREW ISO 4029 M4x6 A4	
410	312605-0316	-		11	NUT,HEXAGON A280 M6M6	
420	315105-0124	-		6	WASHER,PLAIN ROUND 3,2x6	
430	315105-0153	-		14	WASHER,PLAIN ROUND 6,4x12 Stainless	
440	315105-0165	-		2	WASHER,PLAIN ROUND 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

BRAKE ARM

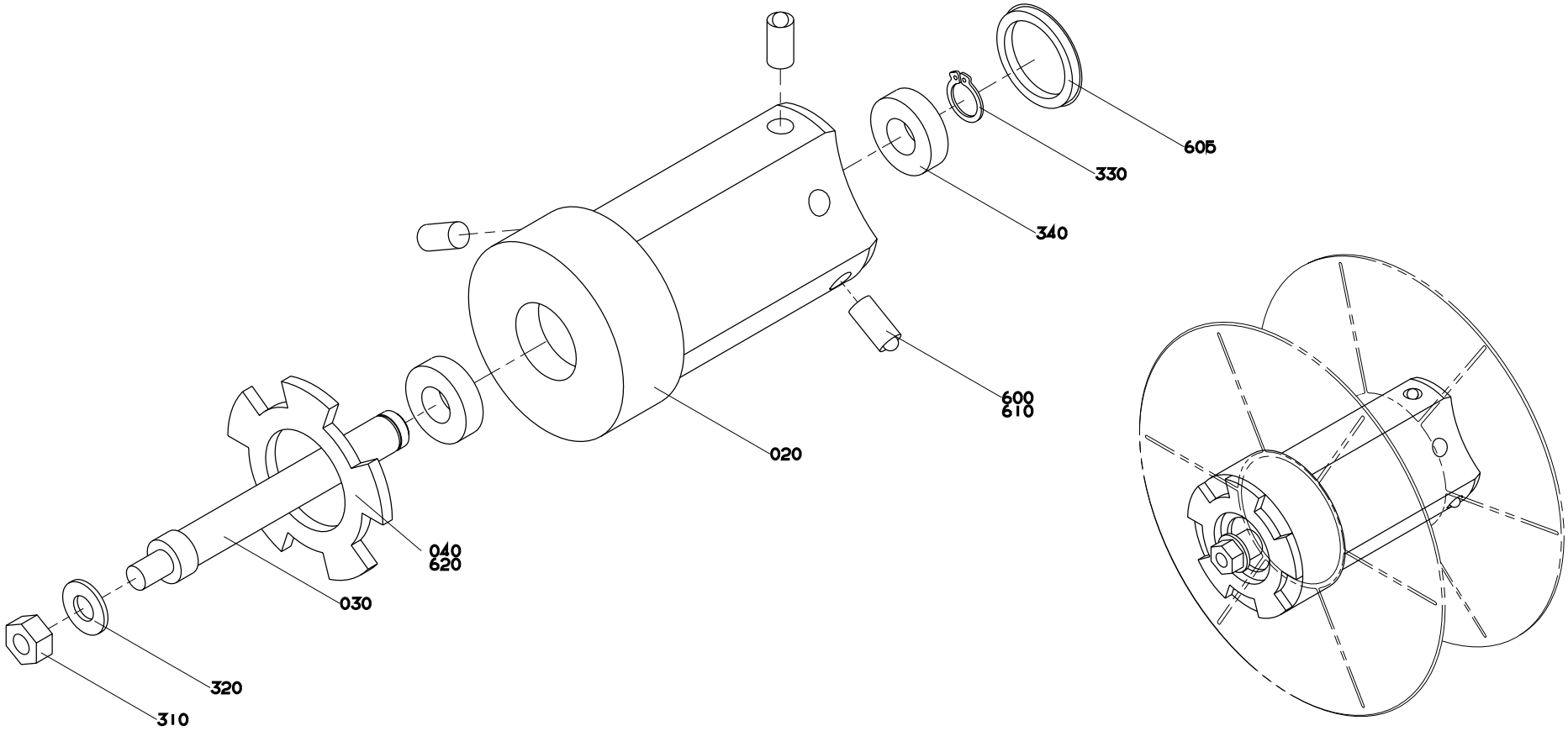


S-580060-1
ECN 70368

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
010	979994-0000	D		1	ARM	
020	1260678-0000	-		1	ARM	
130	979990-0000	-		1	BELT BRAKE	
140	979991-0000	-		1	BLOCK	
290	312105-0293	-		1	SCREW M6S ISO 4017 M4X16 A280	
355	315105-0136	-		1	WASHER,PLAIN ROUND 4,3x8 Stainless	
400	321129-0104	-		2	THRUST WASHER 12/24X1,5	
PT19						
010	1036124-0000	D		1	ARM	
020	541057-0000	-		1	ARM	
060	541064-0000	D		1	FORK	
070	541065-0000	D		1	SHAFT	
080	541066-0000	-		1	ROLL	
120	583877-0000	-		2	SPRING	
340	312318-0283	-		2	SET SCREW CUP POINT ISO 4029 M4X4 RFR	
400	321129-0104	-		4	THRUST WASHER 12/24X1,5	
610	90242-0148	-		4	O-RING	
Common parts						
030	536917-0000	D		1	AXLE PIN	
040	544726-0000	D		1	AXLE PIN	
050	B 544730-0000	I		2	ROLL	
100	583878-0000	-		1	SPRING BRACKET	
110	541070-0000	-		1	SHAFT	
300	312105-0378	-		1	SCREW ISO 4017 M6x40 A280	
310	312105-0449	-		1	SCREW M6S ISO 4017 M8x16 A280	
320	312125-0285	-		2	SLOTTED HEAD SCREW MCS 4X6 RFR	
330	312155-0376	-		1	SCREW MF6S DIN 7991 M6X35 A280	
350	312605-0316	-		3	NUT,HEXAGON A280 M6M6	
360	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
370	315105-0165	-		1	WASHER,PLAIN ROUND 8,4x16 Stainless	
380	315751-0109	-		1	RETAINING RINGS FOR SHAFT 12	
390	321120-0113	-		1	BEARING BUSHING WITHOUT FLANGE,12/14X25	
600	90005-0082	-		2	WASHER,Plain Round 4,3x12;H=1 M4	

Pos	Part No	SP	UN	Qty	Description	Page No

HUB JUMBO

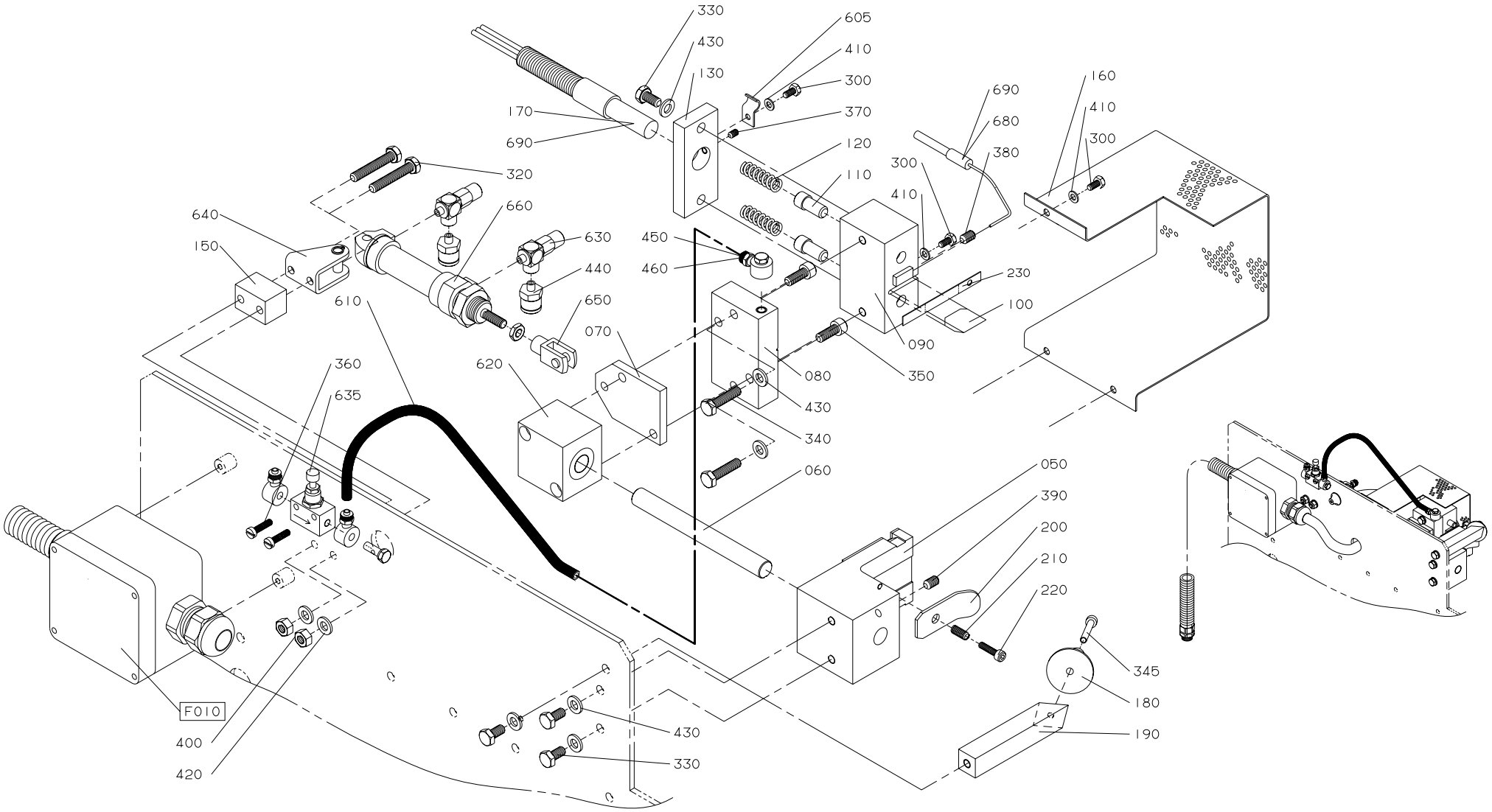


S-580042-1
ECN 21167

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/19						
340	90214-0207	M		2	BEARINGS,BALL BEARING,STAINLESS	
Common parts						
010	541751-0000	-		x	CONICAL BOBBIN	
020	536913-0000	D		1	HUB	
030	537327-0000	D		1	SHAFT	
310	312605-0320	-		1	NUT,HEXAGON,M10 A280	
320	315105-0173	-		1	WASHER,PLAIN ROUND 10,5x22 STAINLESS	
330	315751-0112	-		1	RETAINING RINGS FOR SHAFT 15	
600	90157-0016	-		x	LOCKING FLUID	
605	90261-0049	M		1	PLASTIC PLUG SR 1750	
610	90287-0106	M		3	SCREW, SPRINGLOADED M10x21	

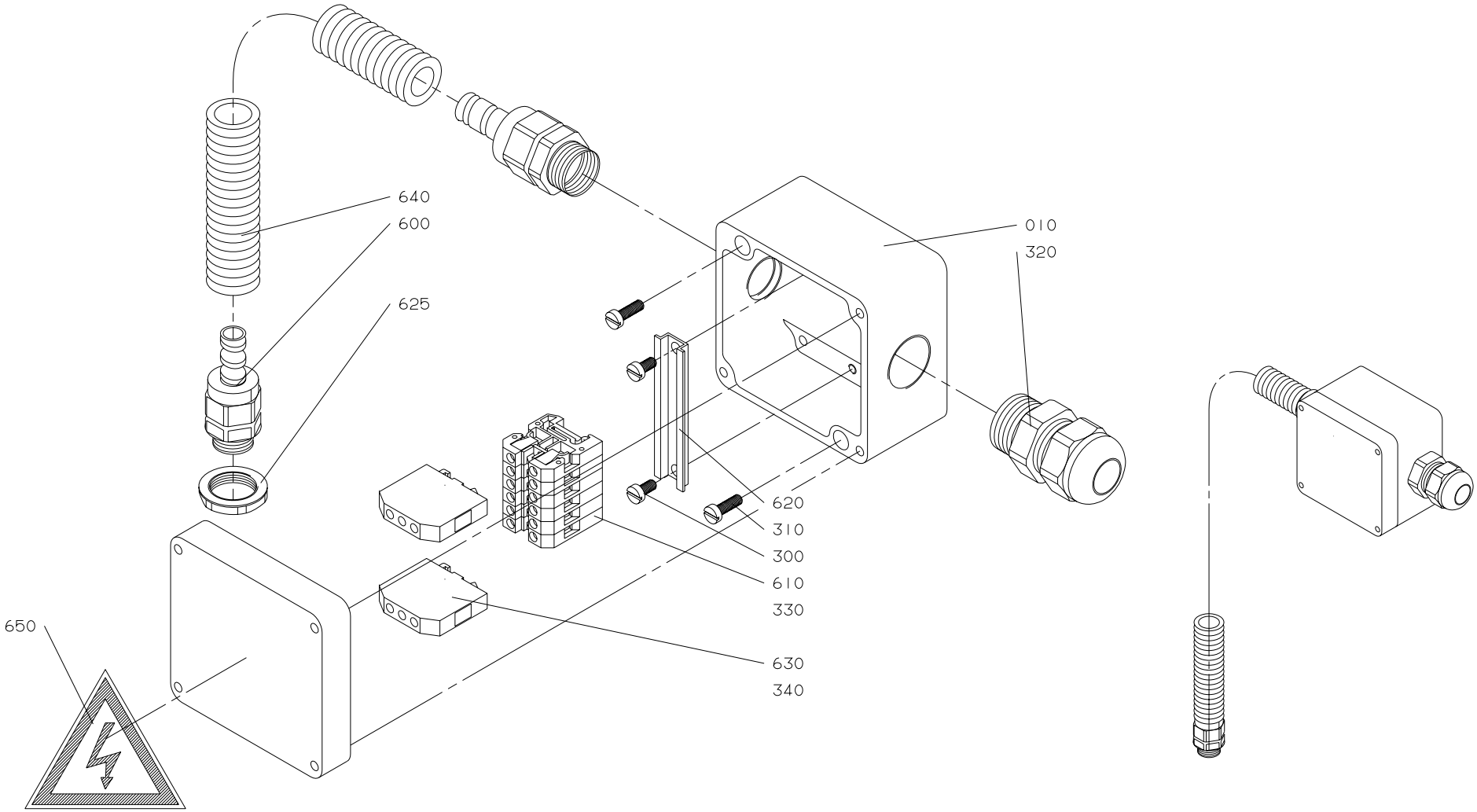
Pos	Part No	SP	UN	Qty	Description	Page No

SPLICING DEVICE



Pos	Part No	SP	UN	Qty	Description	Page No
TBA/19 NOPT						
F010	A 580064-0100	-		1	CONNECTION BOX	**658**
050	1260532-0000	-		1	BRACKET	
090	580320-0000	D		1	HEATING BLOCK	
100	1255941-0000	M		1	KNIFE	
170	580327-0000	R		1	HEATING ELEMENT	
200	1347351-0000	-		1	BOW CLAMP	
210	401157-0000	M		1	SPRING	
220	1348198-0000	-		1	SHOULDER SCREW	
225	1347352-0000	-		1	STRIP GUIDE	
305	312105-0291	-		2	SCREW M6S ISO 4017 M4X12 A280	
330	312105-0366	-		3	SCREW M6S ISO 4017 M6x12 A280	
360	312125-0295	-		2	SLOTTED CHEESE HEAD ISO 1207 M4X20 RFR	
410	315105-0136	-		9	WASHER,PLAIN ROUND 4,3x8 Stainless	
440	342722-0197	-		3	STRAIGHT COUPLING	
450	342980-0111	-		3	BANJO-CONNECTION,RING 6/4-M5	
460	B 342980-0301	-		3	BANJO-HOLLOW BOLT COUPL.,EXT.THREA.01-M5	
610	90166-0081	-	MM	300	TUBE 4 mm PA Blue	
635	90235-0723	M		1	THROTTLE VALVE	
TBA/19 PT19						
050	979574-0000	-		1	COUNTER RAIL	
090	979561-0000	D		1	HEATING BLOCK	
100	580321-0000	M		1	KNIFE	
170	979658-0000	R		1	HEATING ELEMENT	
330	312105-0366	-		2	SCREW M6S ISO 4017 M6x12 A280	
410	315105-0136	-		5	WASHER,PLAIN ROUND 4,3x8 Stainless	
440	342722-0197	-		4	STRAIGHT COUPLING	
590	90055-0100	-		1	Y-CONNECTION	
610	90166-0081	-	MM	300	TUBE 4 mm PA Blue	
Common parts						
060	580317-0000	-		1	SHAFT	
070	580318-0000	-		1	SHEET	
080	580319-0000	D		1	BLOCK	
110	580322-0000	M		2	DOWEL	
120	400828-0000	M		2	SPRING	
130	580323-0000	D		1	LOCK PLATE	
150	580325-0000	-		1	SPACER	
160	580326-0000	-		1	TOUCH GUARD	
230	580330-0000	I		1	FABRIC	
300	312105-0287	-		5	SCREW M6S ISO 4017 M4x8 A280	
320	312105-0339	-		2	SCREW M6S ISO 4014 M5X40 A280	
340	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A280	
350	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
370	312318-0285	-		1	STOP SCREW ISO 4029 M4x6 A4	
380	312318-0364	-		1	STOP SCREW SK6SS6X10RFR	
390	312318-0364	-		1	STOP SCREW SK6SS6X10RFR	
400	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
420	315105-0146	-		2	WASHER,PLAIN ROUND 5,3x10 Stainless	
430	315105-0153	-		6	WASHER,PLAIN ROUND 6,4x12 Stainless	
500	359705-0007	-		1	WARNING SIGN "HOT SURFACE"	
605	90165-0007	-		1	PIPE-CLIPS,FOR SINGLE,ONE SIDE PIPE 8	
620	90189-0075	M		1	BALL BUSHING	
630	90235-0289	M		2	VALVE	
640	90239-0486	-		1	BRACKET,REAR,CLEVIS FLANGE,MINI-ISO,16	
650	90239-0489	-		1	ROD END,CLEVIS WITH AXLE,M6	
660	90239-0816	M		1	DOUBLE ACTING,MINI-ISO,CYL.16-25	
680	90326-0060	M		1	THERMOCOUPLE CR-AL	
690	90296-0051	M		2	PASTE	

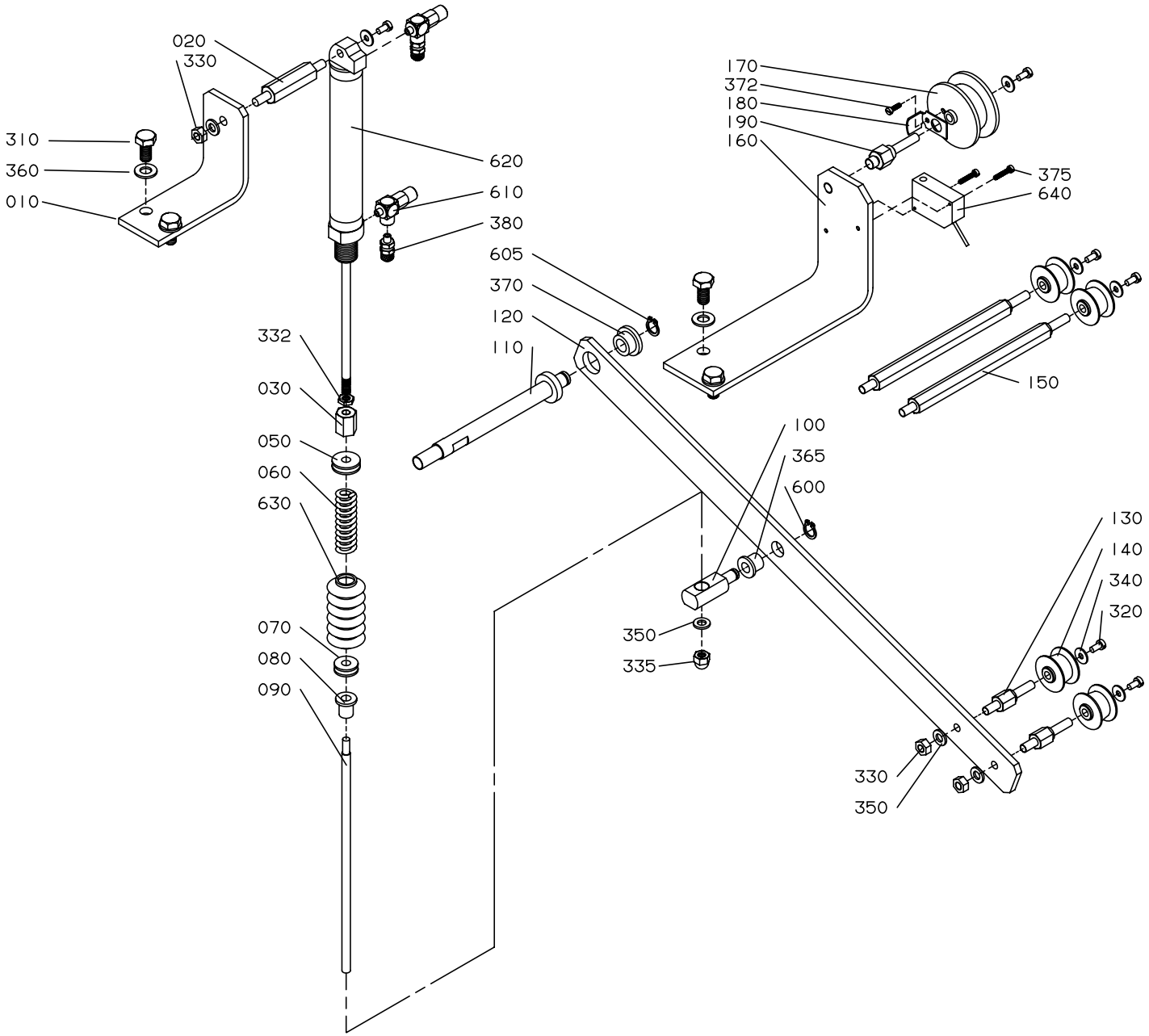
CONNECTION BOX

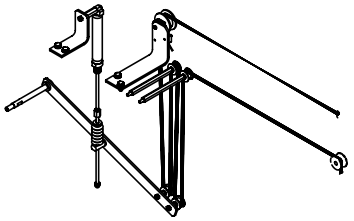


Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	580697-0000	-		1	CONNECTION BOX	
300	312125-0285	-		2	SLOTTED HEAD SCREW MCS 4X6 RFR	
310	312125-0293	-		2	SLOTTED CHEESE HEAD ISO 1207 M4X16 RFR	
320	352103-0111	-		1	CABLE GLAND ST 16	
330	359011-0821	-		2	SET OF SIGNS 6-FW 1-50	
340	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
600	90012-0071	-		2	GLAND FITTING	
610	90077-0079	-		6	FEED THROUGH TERMINAL AKZ 4PA for TS15	
620	90077-0328	-	MM	65	RAIL TS15/5	
625	90099-0117	-		1	NUT PR 18,6 (PG11)	
630	90135-0026	-		2	EARTH TERMINAL AKE 4PA	
640	90152-0050	-	MM	500	GLANDS,HOSE 20x13	
650	90194-0016	-		1	SIGN "FLASH SIGN" 50X50MM	

Pos	Part No	SP	UN	Qty	Description	Page No

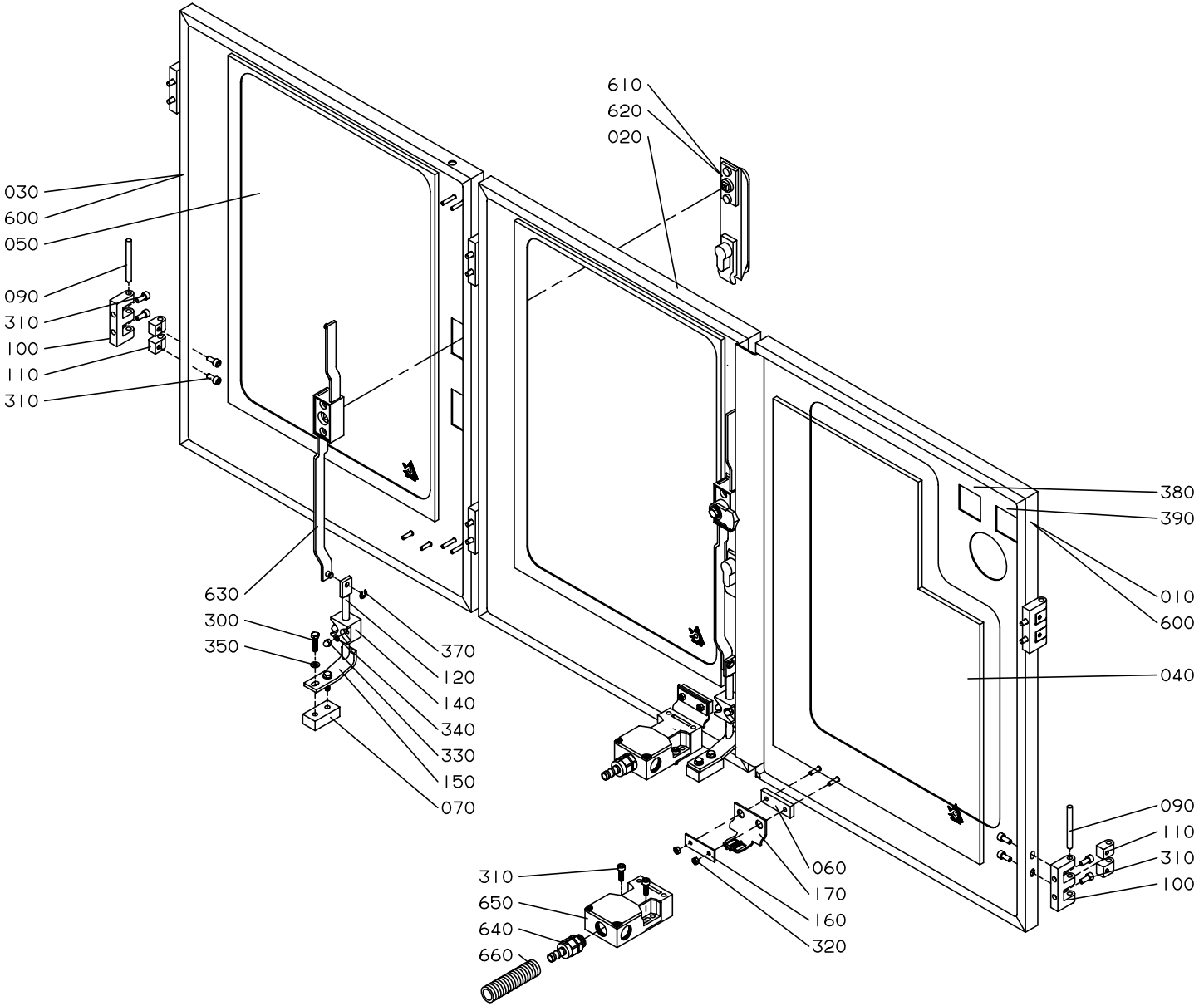
SPLICING MAGAZINE

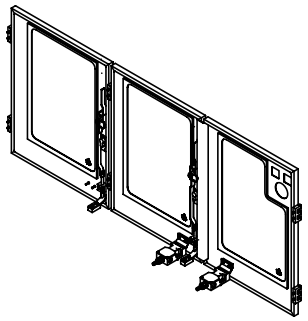




S-580044-1
ECN 70297

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
010	1260757-0000	-		1	HOLDER	
020	579557-0000	-		1	SHAFT	
110	580057-0000	-		1	SHAFT	
140	401022-0000	M		4	ROLL	
150	580056-0000	D		2	SHAFT	
160	580053-0000	-		1	HOLDER	
190	491762-0000	D		1	SHAFT	
310	312105-0449	-		4	SCREW M6S ISO 4017 M8x16 A280	
320	312125-0287	-		6	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
330	312605-0316	-		4	NUT,HEXAGON A280 M6M6	
340	315105-0136	-		6	WASHER,PLAIN ROUND 4,3x8 Stainless	
350	315105-0153	-		4	WASHER,PLAIN ROUND 6,4x12 Stainless	
360	315105-0165	-		4	WASHER,PLAIN ROUND 8,4x16 Stainless	
PT19						
020	979576-0000	-		1	AXLE PIN	
110	979578-0000	-		1	AXLE PIN	
140	401022-0000	M		3	ROLL	
150	979577-0000	-		1	AXLE PIN	
190	979579-0000	-		1	AXLE PIN	
320	312125-0287	-		5	SLOTTED CHEESE HEAD ISO 1207 M4X8 RFR	
325	312605-0310	-		2	NUT,HEXAGON,M6M3 RFR	
330	312605-0316	-		6	NUT,HEXAGON A280 M6M6	
338	315105-0124	-		4	WASHER,PLAIN ROUND 3,2x6	
340	315105-0136	-		5	WASHER,PLAIN ROUND 4,3x8 Stainless	
350	315105-0153	-		7	WASHER,PLAIN ROUND 6,4x12 Stainless	
Common parts						
030	401186-0000	-		1	HEX NUT	
050	401371-0000	D		1	BUSHING	
060	400800-0000	D		1	SPRING	
070	401372-0000	D		1	BUSHING	
080	401370-0000	D		1	BUSHING	
090	401185-0001	-		1	SHAFT	
100	401183-0000	-		1	GUIDE AXLE	
120	580055-0000	-		1	ARM	
130	579553-0000	D		2	SHAFT	
170	580063-0000	M		1	ROLL	
180	751505-0000	D		1	TINPLATE	
332	312625-0316	-		1	NUTS,HEXAGON,M6	
335	312705-0316	-		1	NUT,DOMED CAP,HEXAGON,M6	
365	321111-0097	-		1	BEARING BUSHING WITH FLANGE, 8/12X12	
370	321111-0135	-		1	BEARING BUSHING WITH FLANGE, 10/16X10	
372	312125-0222	-		1	SLOTTED CHEESE HEAD ISO 1207 M3x8 RFR	
375	312125-0230	-		2	SLOTTED CHEESE HEAD ISO 1207 M3X20 RFR	
380	342921-0111	-		2	STRAIGHT COUPLING,EXT.THREADED 6/4-M5	
600	90141-0015	-		1	RETAINING RINGS FOR SHAFT 8	
605	90141-0016	-		1	RETAINING RING FOR SHAFT 10	
610	90235-0289	M		2	VALVE	
620	90239-0819	M		1	DOUBLE ACTING,MINI-ISO,CYL.16-100	
630	90342-0013	R		1	BELLOWS	
640	90044-0104	J		1	PROX.SWITCH IFM IN 3002	



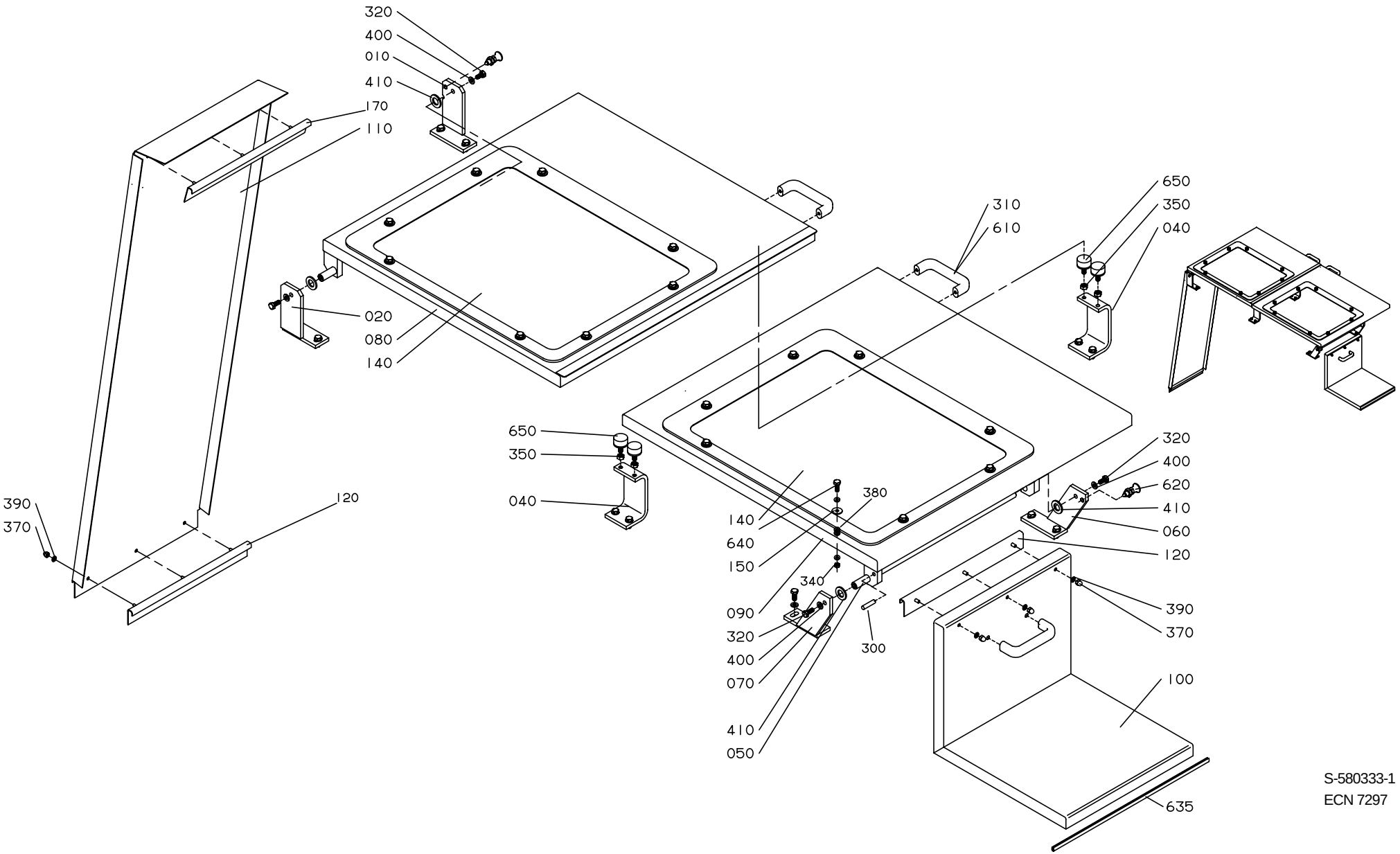


S-580332-1
ECN 70297

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	580336-0000	-		1	DOOR	
020	580337-0000	-		1	DOOR	
030	580338-0000	-		1	DOOR	
040	580340-0000	-		1	GLASS PANE	
050	580339-0000	-		2	GLASS PANE	
060	580341-0000	-		2	WASHER	
070	580342-0000	-		2	WASHER	
090	988685-0000	D		6	PIN	
100	1035792-0000	D		6	E-HINGE	
110	1035794-0000	D		12	BLOCKING PIECE	
120	582870-0000	-		2	LOCKING ARM	
140	1036226-0000	-		2	GUIDE LUG	
150	1036227-0000	-		2	BRACKET	
160	1036563-0000	-		2	WASHER	
170	975917-0000	D		2	KEY FOR SAFETY SWITCH 90044-103	
300	312105-0333	-		4	SCREW M6S ISO 4017 M5x25 A280	
310	312115-0329	-		28	SCREW MC6S ISO 4762 M5x16 A280	
320	312605-0312	-		4	NUT,HEXAGON,M4 RFR	
330	312705-0312	-		4	NUT,DOMED CAP,HEXAGON,M4	
340	315105-0136	-		4	WASHER,PLAIN ROUND 4,3x8 Stainless	
350	315105-0146	-		8	WASHER,PLAIN ROUND 5,3x10 Stainless	
370	315755-0107	-		2	RETAINING RINGS,RADIAL ASSEMBLY 5	
600	90144-0044	-		x	TAPE Scotch VHB 4945;12,7mm	
610	90237-0126	D		2	TURNING HANDLE	
620	90237-0128	D		2	LOCK CYLINDER	
630	90237-0153	D		2	LOCK HOUSING	
640	90012-0070	-		2	GLAND FITTING	
650	90044-0139	D		2	KEY SAFETY SWITCH AZ-16-02 ZVRK-2254	
660	90152-0059	-	MM	1000	HOSE 18x12	

Pos	Part No	SP	UN	Qty	Description	Page No

PAPER GUARD

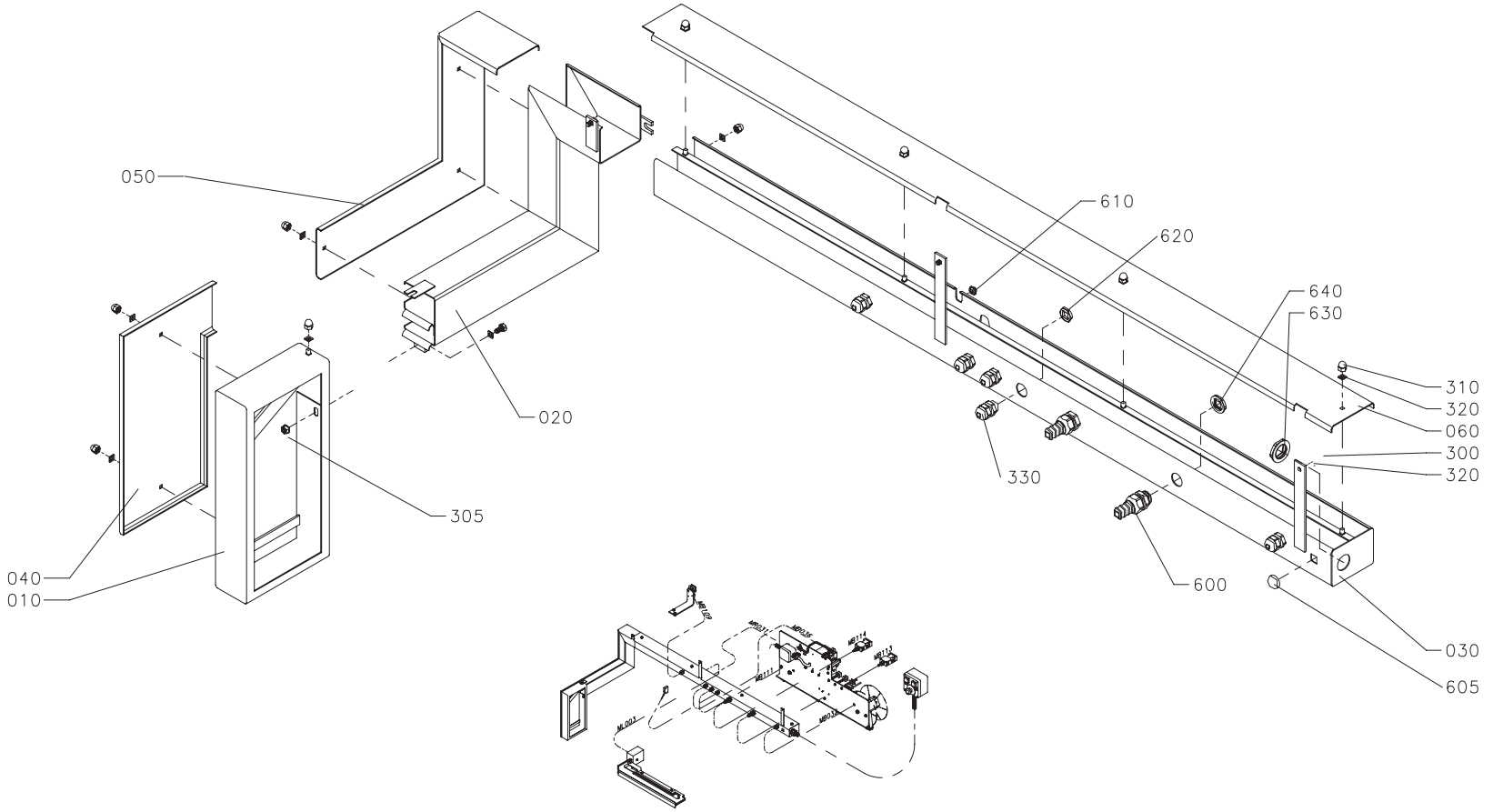


S-580333-1
ECN 7297

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	580344-0000	-		1	BRACKET	
020	580345-0000	-		1	BRACKET	
040	979898-0000	-		2	BRACKET	
050	580700-0000	-		2	SHAFT	
060	580701-0000	-		1	BRACKET	
070	580702-0000	-		1	BRACKET	
080	581214-0000	-		1	PROTECTION	
090	581215-0000	-		1	PROTECTION	
100	580705-0000	-		1	PROTECTION	
110	580711-0000	-		1	PROTECTION	
120	B 581300-0000	-		2	BRACKET	
140	581217-0000	-		2	GLASS	
150	294734-0000	-		16	WASHER	
170	979882-0000	-		1	BRACKET	
300	311103-0351	-		1	PINS,STRAIGHT 6x16	
310	312105-0449	-		6	SCREW M6S ISO 4017 M8x16 A280	
320	312105-0451	-		16	SCREW M6S ISO 4017 8x20 A280	
340	312811-0316	-		16	LOCK NUT M6RFR	
350	312605-0318	-		4	NUT,HEXAGON,M8 RFR	
370	312705-0316	-		9	NUT,DOMED CAP,HEXAGON,M6	
380	315115-0153	-		32	WASHER TBRB 6,4x12 Stainless	
390	315105-0153	-		41	WASHER,PLAIN ROUND 6,4x12 Stainless	
400	315105-0165	-		16	WASHER,PLAIN ROUND 8,4x16 Stainless	
410	315105-0186	-		4	WASHER,PLAIN ROUND 17x30	
610	90017-0022	-		3	HANDLE	
620	90051-0112	M		2	ADJUSTMENT BOLT	
635	90143-0060	-	MM	370	EDGE STRIP 9,5x6,3mm Black PVC	
640	312105-0374	-		16	SCREW M6S ISO 4017 M6X30 A280	
650	90347-0004	-		4	VIBRATION DAMPER D=30 Th=M8 H=17 H2=21mm	

Pos	Part No	SP	UN	Qty	Description	Page No

CABLE DUCT


050
020
305
040
010
610
620
640
630
310
320
060
300
320
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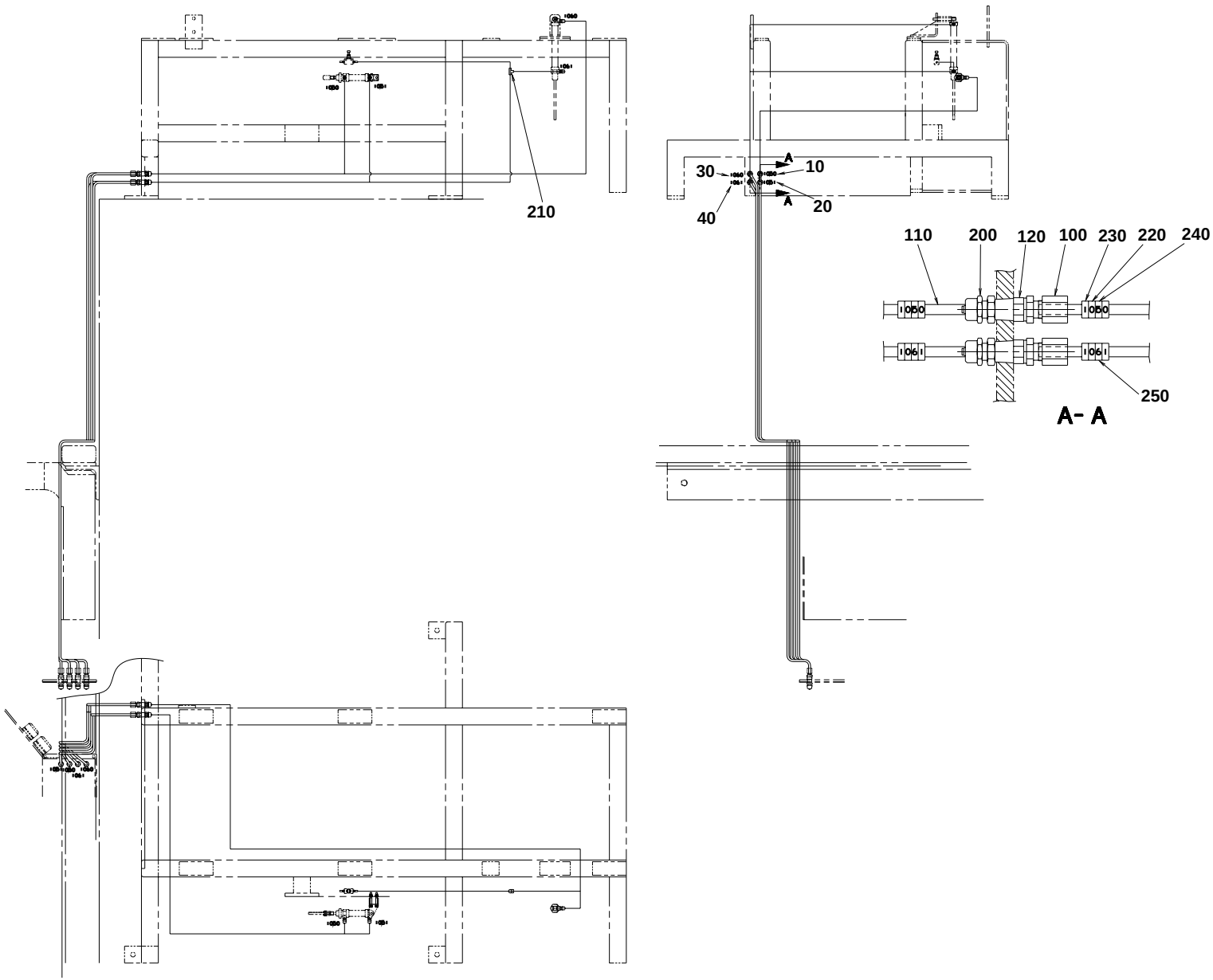
600
030
605

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1279458-0000	-		1	CABLE DUCT	
020	1279459-0000	-		1	CABLE DUCT	
030	1279460-0000	-		1	CABLE DUCT	
040	1279461-0000	-		1	LID	
050	1279462-0000	-		1	LID	
060	1279463-0000	-		1	LID	
300	312105-0368	-		4	SCREW M6S ISO 4017 M6x16 A280	
305	312605-0316	-		1	NUT,HEXAGON A280 M6M6	
310	312705-0316	-		11	NUT,DOMED CAP,HEXAGON,M6	
320	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
330	352103-0101	-		6	CABLE GLAND ST 9;PR15,2/PG9	
600	90012-0070	-		2	GLAND FITTING	
610	90015-0020	-		1	RUBBER BUSHING 5-7	
620	90099-0104	-		6	NUT PR 15,2 (PG9)	
630	90099-0110	-		1	NUT PR 22,5 (PG16)	
640	90099-0117	-		2	GLAND FITTING	

Pos	Part No	SP	UN	Qty	Description	Page No


210
30
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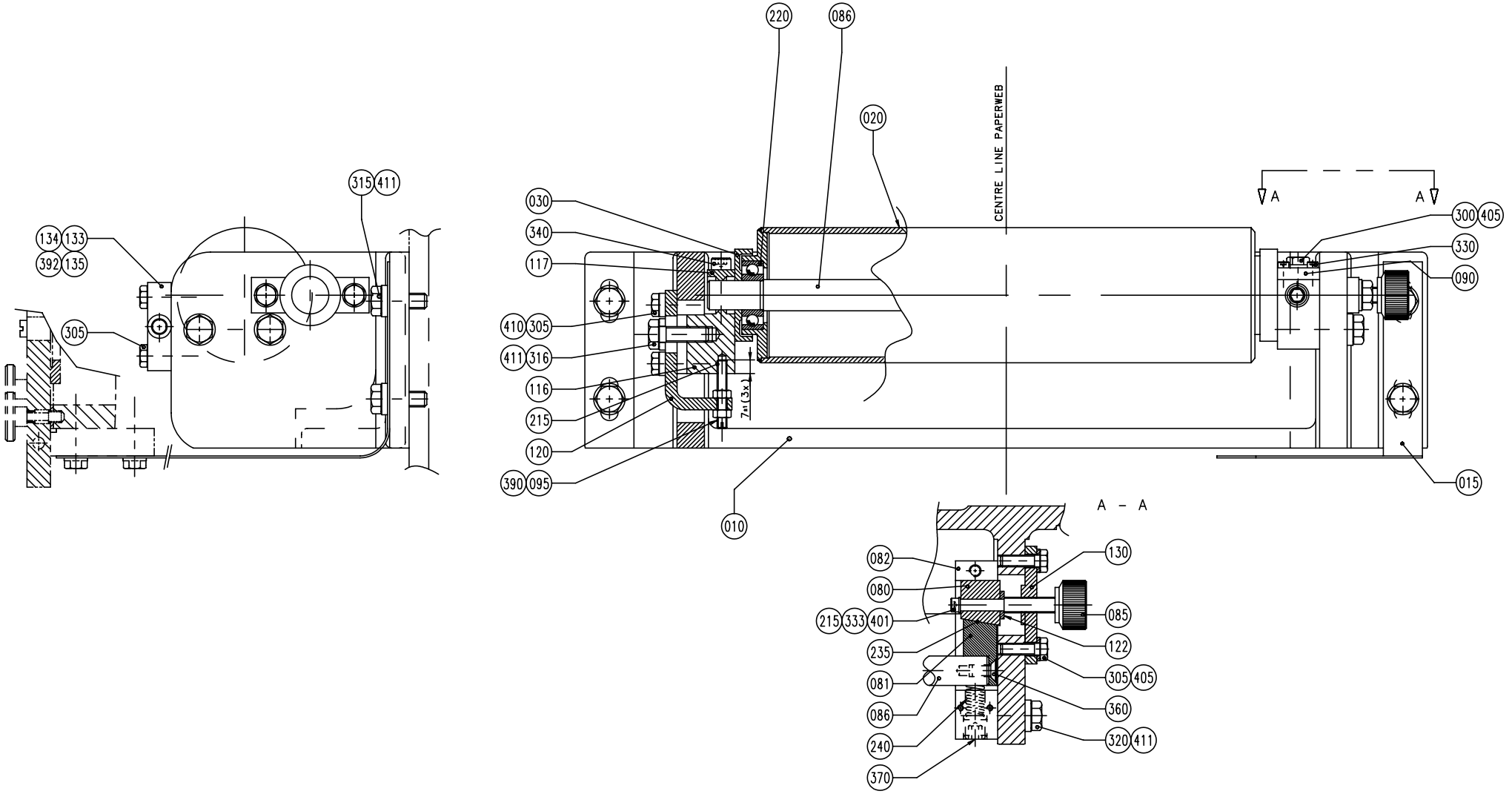
20
40
A
A
110
200
120
100
230
220
240
250
A- A

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	580707-0000	-		1	PIPE 1050	
020	580708-0000	-		1	PIPE 1051	
030	580709-0000	-		1	PIPE 1060	
040	580710-0000	-		1	PIPE 1061	
100	90030-0184	-		4	STRAIGHT CONNECTION GA-6-G1/8"	
110	90166-0081	-	MM	5000	TUBE 4 mm PA Blue	
120	90330-0025	-		4	BUSHING,INT./EXT.R-THREAD R1/4"-Rp1/8"	
200	342722-0202	-		4	PIPE COUPLING 1/8" D=6mm	
210	342748-0102	-		1	T-CONNECTION	
220	359000-0400	-		18	MARKING CO2/4"0"	
230	359000-0401	-		18	MARKING COLLAR 2/4 "1" Yellow	
240	359000-0405	-		6	MARKING CO2/4"5"	
250	359000-0406	-		6	MARKING COLLAR PA2/4 "6" Yellow	

Pos	Part No	SP	UN	Qty	Description	Page No

BENDING ROLLER

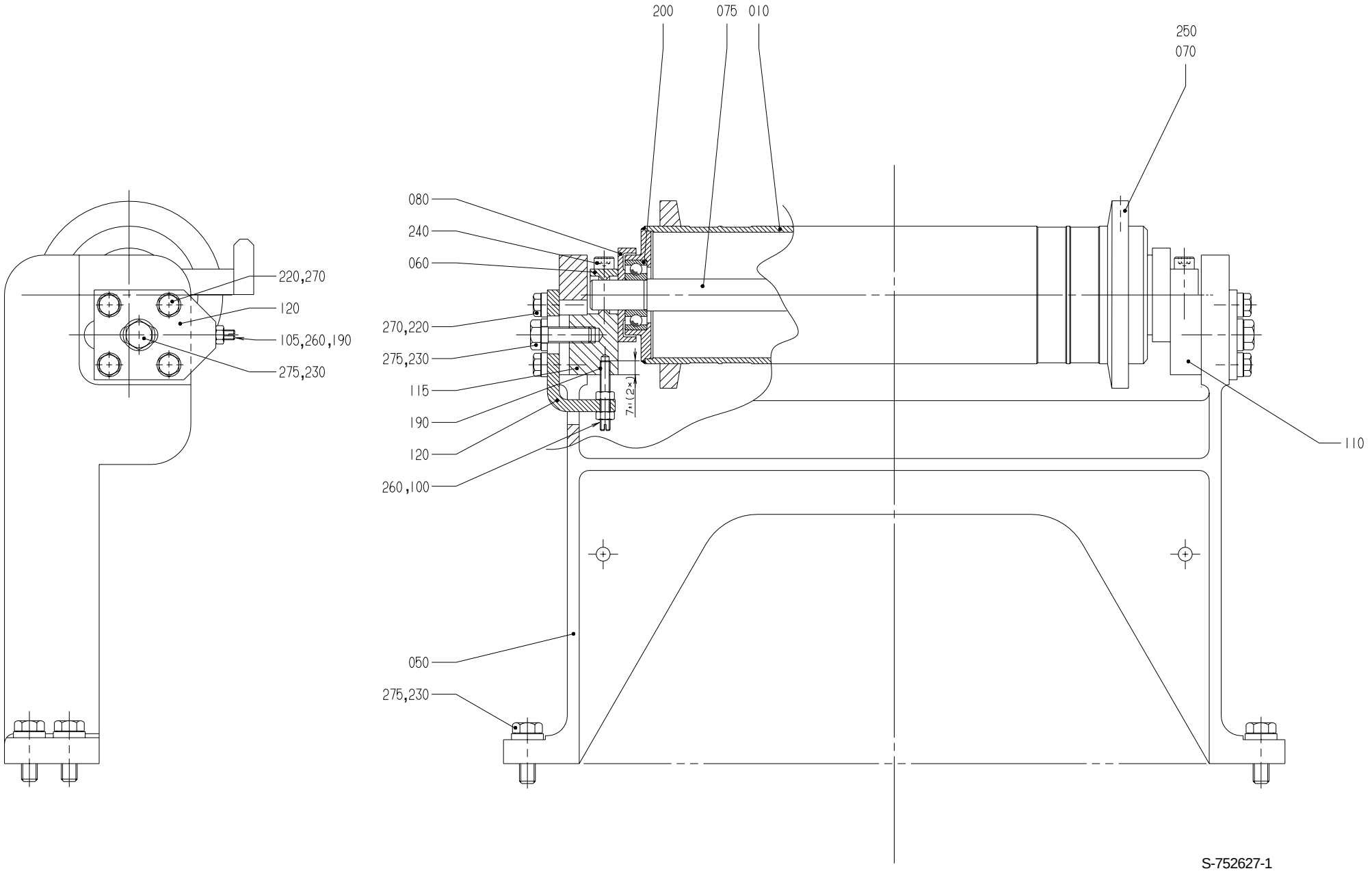


S-580047-1
ECN 70423

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	580048-0000	-		1	CANTILEVER	
015	980006-0000	-		1	PLATE	
020	256984-0000	D		1	BENDING ROLLER	
030	265568-0000	D		2	DUST COVER	
080	751509-0000	D		1	SLIDER	
081	751510-0000	D		1	SLIDER	
082	751511-0000	-		1	MOUNTING LUG	
085	B 751514-0000	D		1	ADJUSTING SCREW	
086	751515-0000	D		1	SHAFT	
090	751522-0000	-		1	FASTENING PLATE	
095	751527-0001	D		1	ADJUSTING SCREW	
116	752195-0000	-		1	MOUNTING LUG	
117	752196-0000	-		1	CAP	
120	752199-0000	-		1	PLATE	
122	752243-0000	-		1	WASHER	
130	752630-0000	-		1	PLATE	
133	752633-0000	-		1	BRACKET	
134	752634-0000	-		1	SLEEVE	
135	752635-0000	-		1	STUD SCREW	
215	90157-0021	-	L	x	LOCKING FLUID	
220	90214-0098	I		2	BALL BEARING,STAINLESS	
235	90296-0068	-		x	Grease Uniway LI 62 Cartridge 400 Gr.	
240	90335-0067	M		1	SPRING	
300	312105-0368	-		1	SCREW M6S ISO 4017 M6x16 A280	
305	312105-0370	-		8	SCREW M6S ISO 4017 M6x20 A280	
315	312105-0452	-		4	SCREW M6S 8x22 Stainless	
316	312105-0453	-		1	SCREW M6S ISO 4017 M8x25 A280	
320	312105-0455	-		2	SCREW M6S ISO 4017 M8x30 A280	
330	312115-0226	-		2	SCREW MC6S ISO 4762 M3X12 A280	
333	312115-0287	-		1	SCREW MC6S ISO 4762 M4X8 A280	
340	312115-0370	-		2	SCREW MC6S ISO 4762 M6x20 A280	
360	312155-0366	-		1	SCREW MF6S DIN 7991 M6x12 A280	
370	312316-0528	-		1	STOP SCREW SK6SS12X12FZB	
390	312605-0314	-		2	NUT,HEXAGON,M6M5 Stainless	
392	312605-0318	-		2	NUT,HEXAGON,M8 RFR	
401	315105-0136	-		1	WASHER,PLAIN ROUND 4,3x8 Stainless	
405	315105-0153	-		3	WASHER,PLAIN ROUND 6,4x12 Stainless	
410	315115-0153	-		4	WASHER TBRB 6,4x12 Stainless	
411	315115-0165	-		7	WASHER TBRB 8,4x16 Stainless	

Pos	Part No	SP	UN	Qty	Description	Page No

BENDING ROLLER REAR

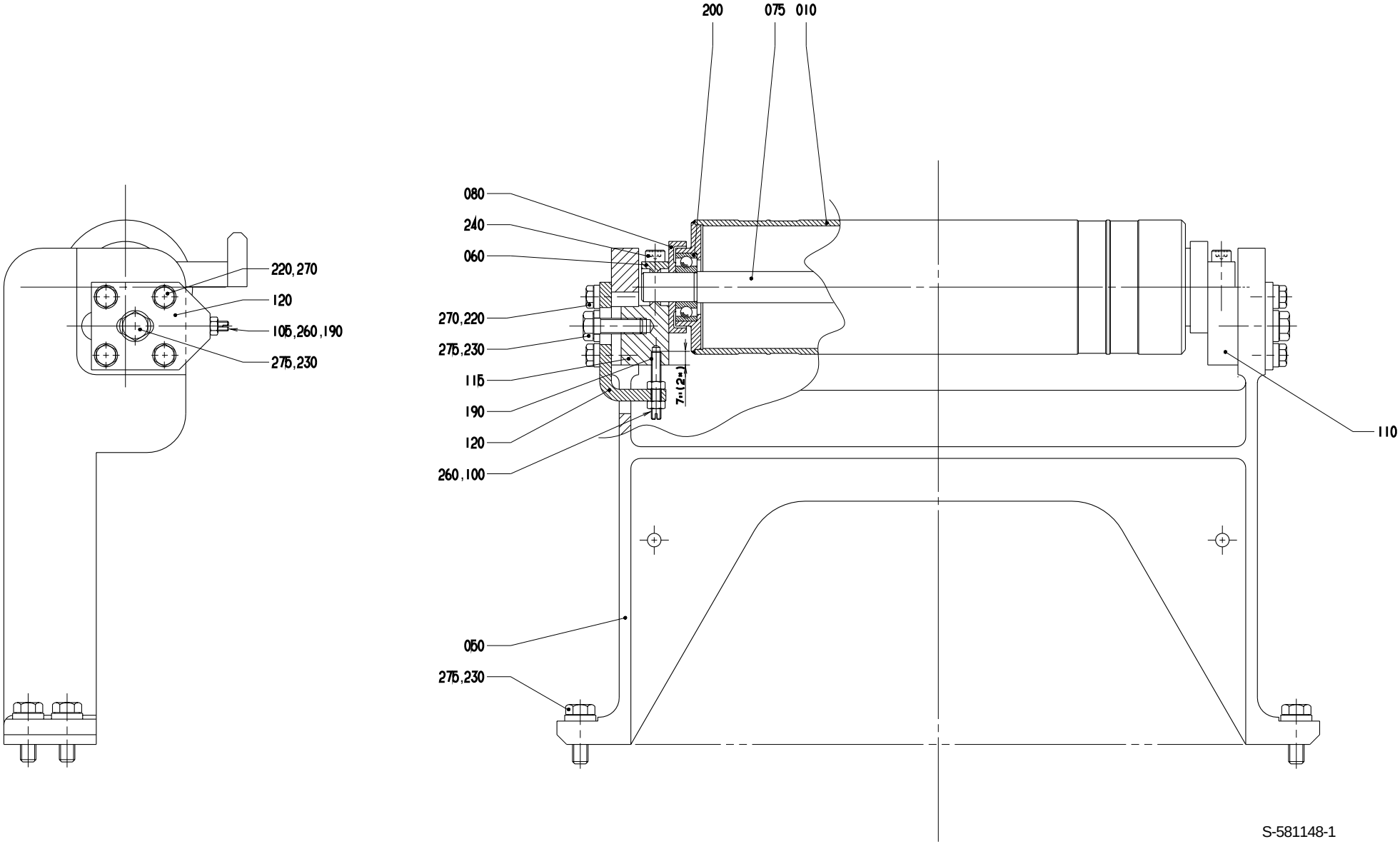


S-752627-1
ECN 22862

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
050	B 752197-0000	-		1	CANTILEVER	
060	752639-0000	-		2	CAP	
070	1260778-0000	D		2	FLANGE	
075	256985-0000	D		1	SHAFT	
080	265568-0000	D		2	DUST COVER	
100	751527-0001	D		1	ADJUSTING SCREW	
105	751527-0003	D		1	ADJUSTING SCREW	
110	752194-0000	-		1	MOUNTING LUG	
115	752195-0000	-		1	MOUNTING LUG	
120	752199-0000	-		2	PLATE	
190	90157-0021	-	L	x	LOCKING FLUID	
200	90214-0098	I		2	BALL BEARING,STAINLESS	
220	312105-0370	-		8	SCREW M6S ISO 4017 M6x20 A280	
230	312105-0453	-		6	SCREW M6S ISO 4017 M8x25 A280	
240	312115-0370	-		4	SCREW MC6S ISO 4762 M6x20 A280	
250	312318-0325	-		4	STOP SCREW SK6SS5X10RFR	
260	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
270	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
275	315115-0165	-		6	WASHER TBRB 8,4x16 Stainless	
TBA 0100B or TBA 0125S						
010	752637-0002	D		1	BENDING ROLLER	
TBA 0160S or TBA 0200S						
010	752637-0003	D		1	BENDING ROLLER	
TBA 0200M or TBA 0250S						
010	752637-0004	D		1	BENDING ROLLER	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	752637-0001	D		1	BENDING ROLLER	

Pos	Part No	SP	UN	Qty	Description	Page No

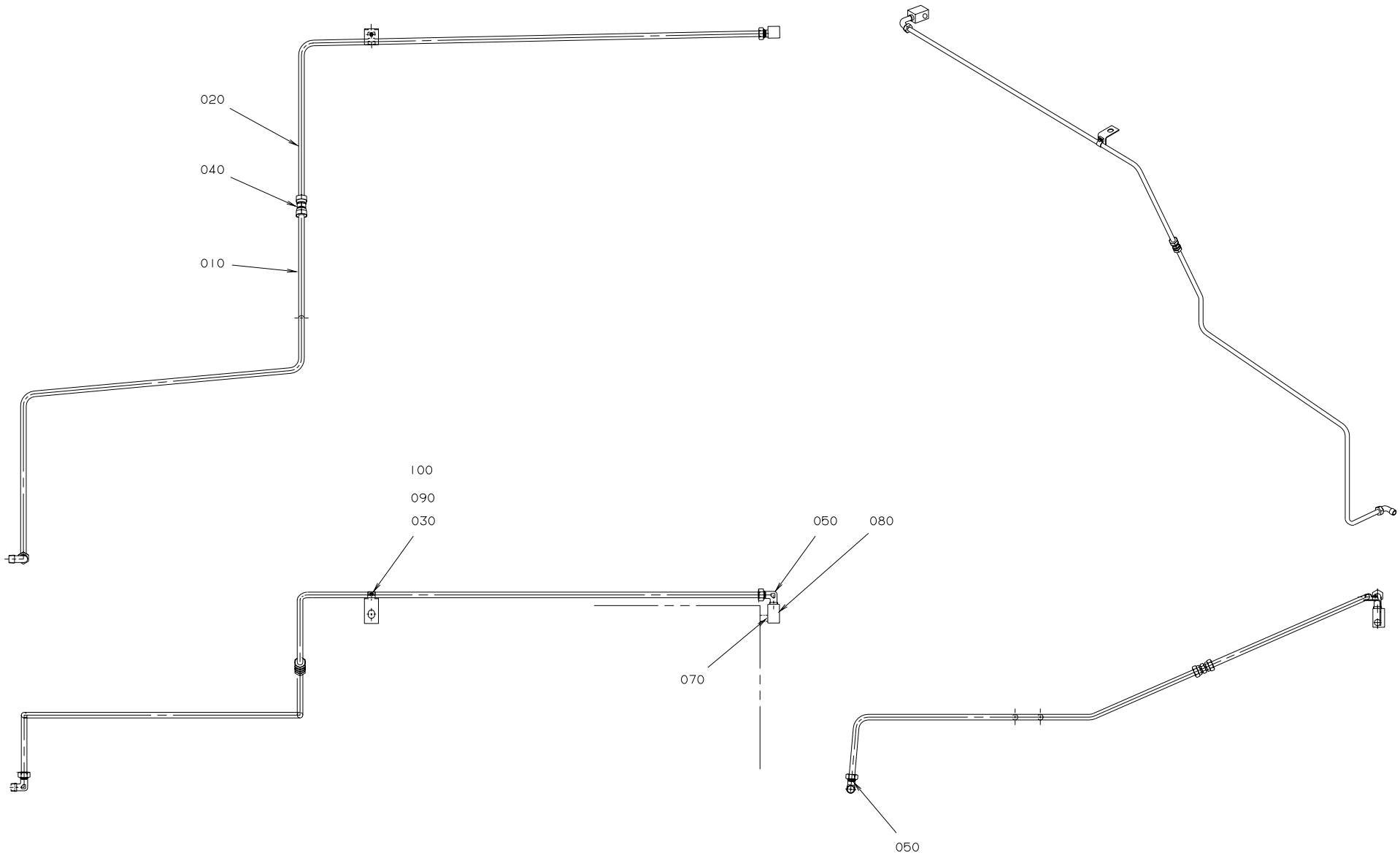
BENDING ROLLER FRONT



S-581148-1
ECN 21977

Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
050	B 752197-0000	-		1	CANTILEVER	
060	752639-0000	-		2	CAP	
075	256985-0000	D		1	SHAFT	
080	265568-0000	D		2	DUST COVER	
100	751527-0001	D		1	ADJUSTING SCREW	
105	751527-0003	D		1	ADJUSTING SCREW	
110	752194-0000	D		1	MOUNTING LUG	
115	752195-0000	-		1	MOUNTING LUG	
120	752199-0000	-		2	PLATE	
190	90157-0021	-	L	x	LOCKING FLUID	
200	90214-0098	I		2	BALL BEARING,STAINLESS	
220	312105-0370	-		8	SCREW M6S ISO 4017 M6x20 A280	
230	312105-0453	-		6	SCREW M6S ISO 4017 M8x25 A280	
240	312115-0370	-		4	SCREW MC6S ISO 4762 M6x20 A280	
260	312605-0314	-		4	NUT,HEXAGON,M6M5 Stainless	
270	315115-0153	-		8	WASHER TBRB 6,4x12 Stainless	
275	315115-0165	-		6	WASHER TBRB 8,4x16 Stainless	
TBA 0100B or TBA 0125S						
010	752637-0002	D		1	BENDING ROLLER	
TBA 0160S or TBA 0200S						
010	752637-0003	D		1	BENDING ROLLER	
TBA 0200M or TBA 0250S						
010	752637-0004	D		1	BENDING ROLLER	
TBA 0180B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	752637-0001	D		1	BENDING ROLLER	

Pos	Part No	SP	UN	Qty	Description	Page No



S-979516-1
ECN 23336

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	979525-0000	-		1	PIPE	
015	1334858-0000	-		1	PIPE	
020	90166-0121	-	MM	700	HOSE	
030	90030-0106	-		1	PIPE CONNECTION G-12	
040	90163-0041	-		2	HOSE NIPPLE,EXT. THREAD 3/8"-12	
050	90030-0115	-		1	ELBOW CONNECTION WA 12-R3/8	
070	342725-0109	-		1	STRAIGHT PIPE CONNECTION GAI 12-G3/8"	
080	342991-0102	-		2	HOSE CLIP,WORM DRIVE TYPE (16)-19	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
469159-0000						
	311103-0369	-		1	PINS,STRAIGHT 6x60	
544730-0000						
	321120-0101	-		2	BEARING BUSHING WITHOUT FLANGE,6/8X6	
580059-0000						
	321120-0101	-		2	BEARING BUSHING WITHOUT FLANGE,6/8X6	
581300-0000						
	312421-0127	-		3	WELDING BOLT M6X10	
751514-0000						
	90051-0053	-		1	HANDLES,KNOB,INTERNAL THREAD,M6 24X17	
	90157-0021	-	L	1	LOCKING FLUID	
752197-0000						
	312910-0118	-		8	THREADED I M6X1,5D	
979667-0000						
	90240-0028	-		1	BEARING BUSHING WITHOUT FLANGE,10/12X15	

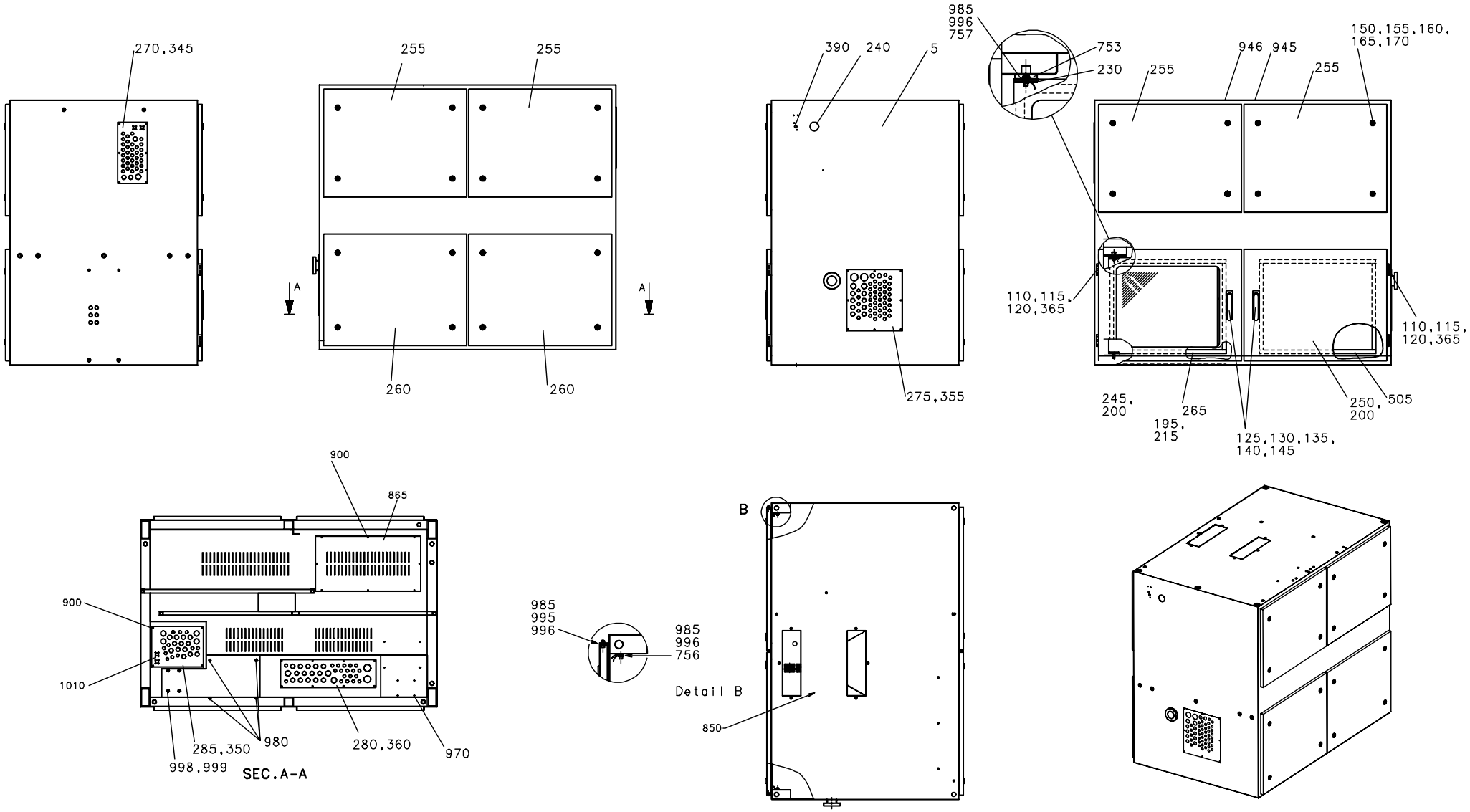
Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC

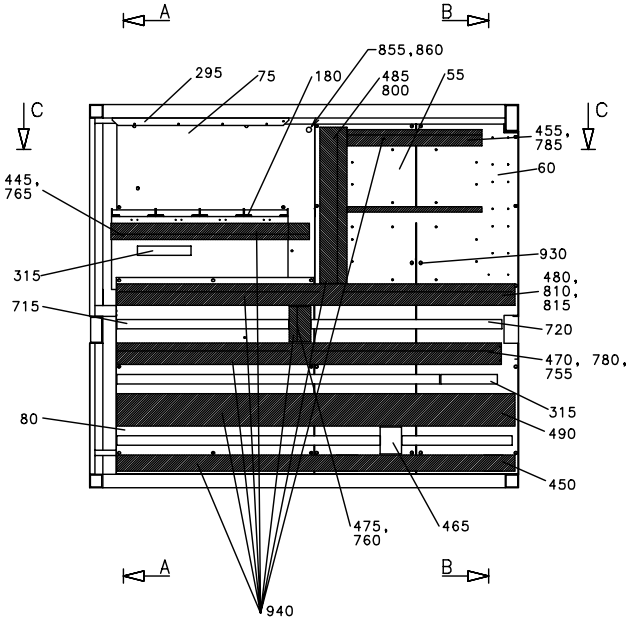
Spare Parts Catalogue

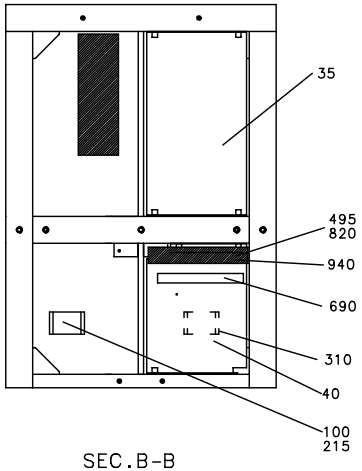
ELECTRICAL CABINET



Pos	Part No	SP	UN	Qty	Description	Page No
TBA PT19						
0751	A1317783-0100	-		1	EARTH BAR	
0175	731771-0000	-		5	COOLING PLATE,SOLIDSTATE	
0176	1346592-0000	-		5	COVER	
0285	971393-0000	-		1	CABLE LEAD-IN PLATE	
0330	732419-0010	-		2	RAIL	
0335	732419-0013	-		1	RAIL	
0375	971403-0000	-		1	COVER PLATE	
0410	971142-0000	-		5	PHASE BAR ANGLED	
0415	971141-0000	-		4	PHASE BAR ANGLED	
0420	971140-0000	-		4	PHASE BAR ANGLED	
0421	1143884-0000	-		11	COPPER BRAID	
0940	90181-0313	-		118	Rivet DUCTAFIX R4	
TBA NOPT						
0175	731771-0000	-		4	COOLING PLATE,SOLIDSTATE	
0176	1346592-0000	-		6	COVER	
0285	971393-0000	-		1	CABLE LEAD-IN PLATE	
0330	732419-0010	-		2	RAIL	
0335	732419-0013	-		1	RAIL	
0375	971403-0000	-		1	COVER PLATE	
0410	971142-0000	-		5	PHASE BAR ANGLED	
0415	971141-0000	-		4	PHASE BAR ANGLED	
0420	971140-0000	-		4	PHASE BAR ANGLED	
0421	1143884-0000	-		8	COPPER BRAID	
0940	90181-0313	-		122	Rivet DUCTAFIX R4	
Common parts						
0005	B 971314-0000	-		1	CABINET	
0010	971351-0000	-		1	MOUNTING PLATE	
0015	971352-0000	-		1	MOUNTING PLATE	
0020	971353-0000	-		1	MOUNTING PLATE	
0025	971354-0000	-		1	MOUNTING PLATE	
0030	971355-0000	-		1	MOUNTING PLATE	
0035	971356-0000	-		1	MOUNTING PLATE	
0040	971357-0000	-		1	MOUNTING PLATE	
0045	971358-0000	-		1	MOUNTING PLATE	
0050	971359-0000	-		1	MOUNTING PLATE	
0055	1346706-0000	-		1	MOUNTING PLATE	
0060	1346705-0000	-		1	MOUNTING PLATE	
0065	971324-0000	-		1	MOUNTING PLATE	
0070	971325-0000	-		1	MOUNTING PLATE	
0075	971326-0000	-		1	MOUNTING PLATE	
0080	971362-0000	-		1	MOUNTING PLATE	
0085	971363-0000	-		1	MOUNTING PLATE	
0090	971407-0000	-		1	PLATE	
0095	1255526-0000	-		1	CANTILEVER	
0100	929296-0000	-		1	SWIVEL PLATE	
0110	1035792-0000	-		4	E-HINGE	
0115	1035794-0000	-		8	BLOCKING PIECE	
0120	1035793-0000	-		4	PIN	
0125	90237-0150	-		2	TURNING HANDLE, Black PA	
0130	90237-0153	-		2	LOCK HOUSING	
0135	90237-0128	-		1	LOCK CYLINDER	
0140	90237-0155	-		2	LOCK ADAPTER	
0145	90237-0156	-		2	LOCKING CATCH	
0150	90237-0319	-		24	LOCK HOUSING EMKA U134	
0155	90237-0320	-		24	LOCK COMPONENT EMKA U136	
0160	90237-0157	-		24	LOCKING CATCH EMKA 1000-230	
0165	90237-0322	-		24	LOCK GASKET EMKA 1000-23	
0170	90237-0324	-		2	SQUARE-KEY 8mm	
0180	731049-0000	-		8	SLIDING STRIP TPIH	
0185	495377-0000	-		1	BUSH	
0190	495130-0040	-		4	SPACER TUBE L=40MM	
0195	971391-0000	-		1	WINDOW	
0200	90347-0163	-		2	GAS-DAMPER	
0205	971406-0000	-		2	TUBE	
0210	90143-0057	-	M	20	STRIP EMKA 1011-05 21x11mm	
0215	90144-0072	-	MM	1	TAPE SCOTCH VHBS 4945 WIDTH 12,7mm	
0220	90237-0097	-		1	HANDLE L÷GSTRUP	
0230	971346-0000	-		2	GUIDE PIN	
0240	352103-0122	-		1	CABLE GLAND ST 36	
0245	971369-0000	-		1	DOOR	
0250	971380-0000	-		1	DOOR	
0255	971381-0000	-		4	PLATE	
0260	971382-0000	-		2	PLATE	
0265	971383-0000	-		2	FRAME	
0270	979970-0000	-		1	CABLE LEAD-IN PLATE	
0275	971387-0000	-		1	CABLE LEAD-IN PLATE	
0280	971388-0000	-		1	CABLE LEAD-IN PLATE	
0287	312132-0284	-		28	SLOTTED PAN HEAD ISO 1580 M4X5 MSGFN	
0290	971386-0000	-		1	PLATE	
0295	971389-0000	-		1	ANGLE	
0300	971401-0000	-		1	BOTTOM	
0305	971402-0000	-		1	SCREEN	
0310	970802-0000	-		1	DISCETTE BOX 3,5"	
0315	495118-0018	-		9	DISTANCE PIPE L=18 MM	
0320	495118-0030	-		3	DISTANCE PIPE L=30 mm	

ELECTRICAL CABINET





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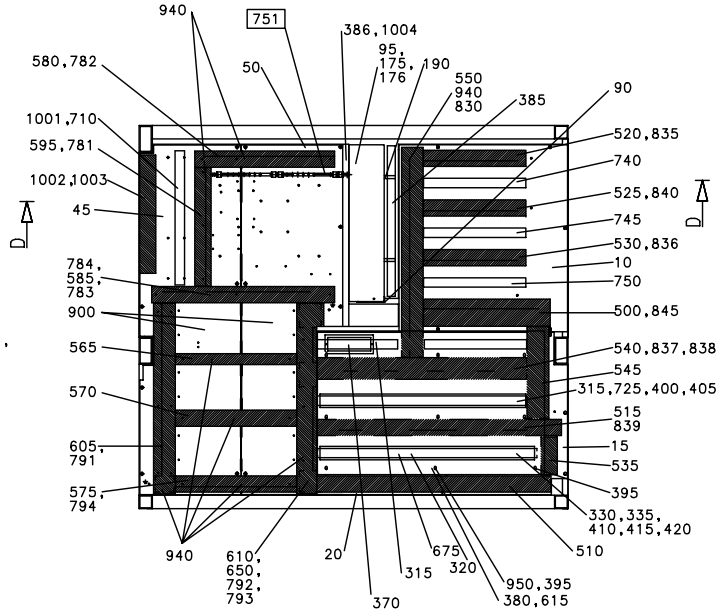
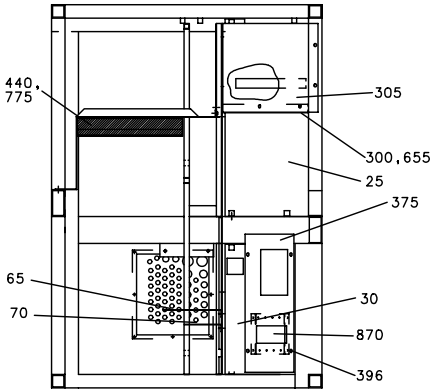
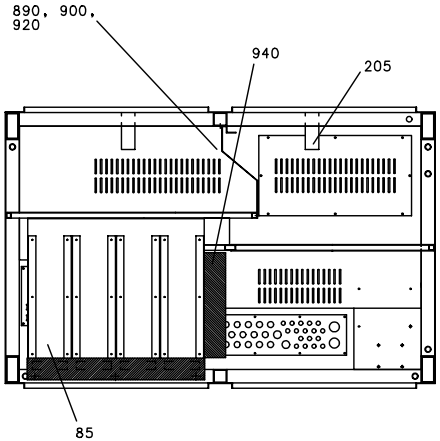
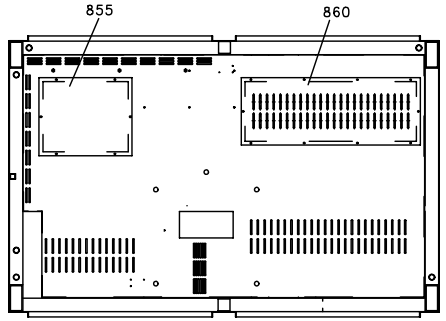






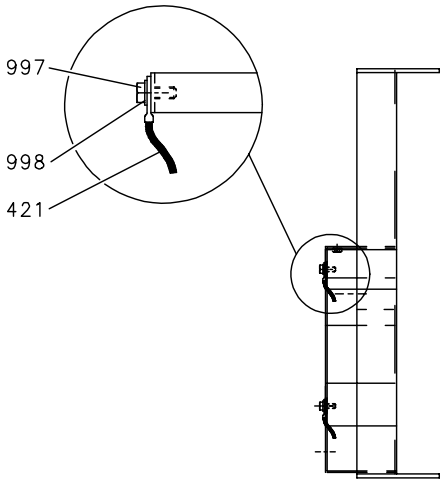
SEC.C-C



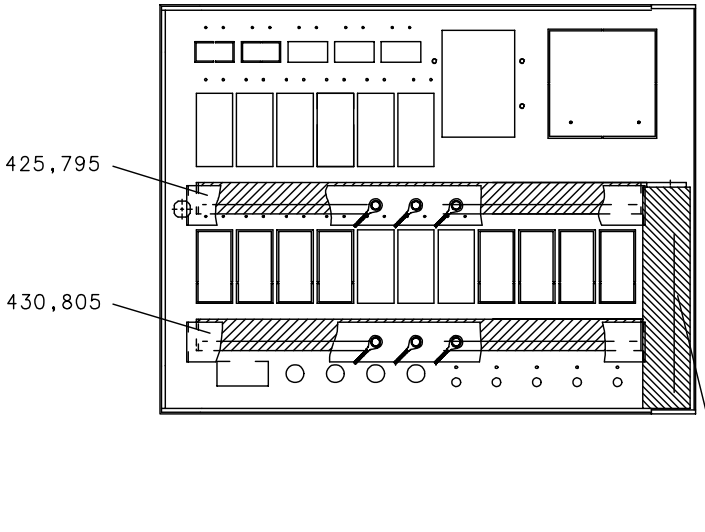
SEC.D-D

Pos	Part No	SP	UN	Qty	Description	Page No
0325	90007-0311	-		1	Busbar	
0345	971394-0000	-		1	GASKET	
0350	971395-0000	-		1	GASKET	
0355	971396-0000	-		1	GASKET	
0360	971397-0000	-		1	GASKET	
0365	988666-0000	-		4	GASKET	
0370	971347-0000	-		1	COVER PLATE	
0380	971416-0000	-		1	COVER PLATE	
0385	971422-0000	-		1	COVER PLATE	
0390	1487364-0000	-		1	TOUCHGUARD MAIN SWITCH	
0395	495130-0080	-		9	SPACER SLEEVE	
0396	495130-0099	-		4	SPACER SLEEVE	
0400	90259-0308	-		1	CONN.TERM.K&M BK25/3PKZM1	
0405	90259-0311	-		2	3 POLE BUSBAR K&M B3.1/5	
0425	90181-0053	-	MM	560	CABLE DUCT 40X80MM	
0430	90181-0053	-	MM	560	CABLE DUCT 40X80MM	
0435	90181-0054	-	MM	280	CABLE DUCT 60X80mm	
0440	90181-0054	-	MM	390	CABLE DUCT 60X80mm	
0445	90181-0054	-	MM	660	CABLE DUCT 60X80mm	
0450	90181-0054	-	MM	1480	CABLE DUCT 60X80mm	
0455	90181-0054	-	MM	500	CABLE DUCT 60X80mm	
0460	90181-0054	-	MM	500	CABLE DUCT 60X80mm	
0465	971457-0000	-		1	CABLE HOLDER	
0470	90181-0055	-	MM	1430	CABLE DUCT 80X80mm	
0475	90181-0055	-	MM	130	CABLE DUCT 80X80mm	
0480	90181-0055	-	MM	1480	CABLE DUCT 80X80mm	
0485	90181-0056	-	MM	580	CABLE DUCT 100X80MM	
0490	90181-0057	-	MM	1480	CABLE DUCT 120x80mm	
0495	90181-0054	-	MM	370	CABLE DUCT 60X80mm	
0500	90181-0056	-	MM	470	CABLE DUCT 100X80MM	
0505	971423-0000	-		1	FRAME	
0510	90181-0054	-	MM	870	CABLE DUCT 60X80mm	
0515	90181-0054	-	MM	491	CABLE DUCT 60X80mm	
0520	90181-0054	-	MM	380	CABLE DUCT 60X80mm	
0525	90181-0054	-	MM	380	CABLE DUCT 60X80mm	
0530	90181-0054	-	MM	380	CABLE DUCT 60X80mm	
0535	90181-0054	-	MM	380	CABLE DUCT 60X80mm	
0540	90181-0055	-	MM	878	CABLE DUCT 80X80mm	
0545	90181-0055	-	MM	340	CABLE DUCT 80X80mm	
0550	90181-0055	-	MM	780	CABLE DUCT 80X80mm	
0565	90181-0053	-	MM	450	CABLE DUCT 40X80MM	
0570	90181-0054	-	MM	450	CABLE DUCT 60X80mm	
0575	90181-0054	-	MM	450	CABLE DUCT 60X80mm	
0580	90181-0054	-	MM	520	CABLE DUCT 60X80mm	
0585	90181-0054	-	MM	520	CABLE DUCT 60X80mm	
0595	90181-0054	-	MM	440	CABLE DUCT 60X80mm	
0605	90181-0055	-	MM	710	CABLE DUCT 80X80mm	
0610	90181-0056	-	MM	710	CABLE DUCT 100X80MM	
0615	90226-0455	-		1	BLIND PLATE ABB 1666060	
0650	90181-0064	-		46	LOCK ZP1 FOR CHANNEL T1	
0655	90015-0016	-		1	BUSHING 21X8MM; HOLE=13MM	
0675	353042-0004	-	MM	470	RAIL TS 35/7,5	
0695	353042-0004	-	MM	360	RAIL TS 35/7,5	
0715	353042-0004	-	MM	640	RAIL TS 35/7,5	
0720	353042-0004	-	MM	710	RAIL TS 35/7,5	
0725	353042-0004	-	MM	780	RAIL TS 35/7,5	
0740	353042-0004	-	MM	380	RAIL TS 35/7,5	
0745	353042-0004	-	MM	380	RAIL TS 35/7,5	
0750	353042-0004	-	MM	380	RAIL TS 35/7,5	
0753	979943-0000	-		1	BUSHING	
0755	90181-0067	-	MM	680	DIVIDING PLATE SEP80	
0756	90135-0044	-		2	EART WIRE L=320mm 16mm2	
0757	90135-0043	-		1	Earth wire L=200MM 16mm2	
0760	90181-0067	-	MM	130	DIVIDING PLATE SEP80	
0765	90181-0067	-	MM	650	DIVIDING PLATE SEP80	
0770	90181-0067	-	MM	500	DIVIDING PLATE SEP80	
0775	90181-0067	-	MM	390	DIVIDING PLATE SEP80	
0780	90181-0067	-	MM	640	DIVIDING PLATE SEP80	
0781	90181-0067	-	MM	440	DIVIDING PLATE SEP80	
0782	90181-0067	-	MM	480	DIVIDING PLATE SEP80	
0783	90181-0067	-	MM	120	DIVIDING PLATE SEP80	
0784	90181-0067	-	MM	390	DIVIDING PLATE SEP80	
0785	90181-0067	-	MM	500	DIVIDING PLATE SEP80	
0790	90181-0067	-	MM	500	DIVIDING PLATE SEP80	
0791	90181-0067	-	MM	640	DIVIDING PLATE SEP80	
0792	90181-0067	-	MM	130	DIVIDING PLATE SEP80	
0793	90181-0067	-	MM	310	DIVIDING PLATE SEP80	
0794	90181-0067	-	MM	450	DIVIDING PLATE SEP80	
0795	90181-0067	-	MM	550	DIVIDING PLATE SEP80	
0800	90181-0067	-	MM	550	DIVIDING PLATE SEP80	
0805	90181-0067	-	MM	550	DIVIDING PLATE SEP80	
0810	90181-0067	-	MM	630	DIVIDING PLATE SEP80	
0815	90181-0067	-	MM	750	DIVIDING PLATE SEP80	
0820	90181-0067	-	MM	270	DIVIDING PLATE SEP80	
0825	90181-0067	-	MM	200	DIVIDING PLATE SEP80	
0830	90181-0067	-	MM	730	DIVIDING PLATE SEP80	

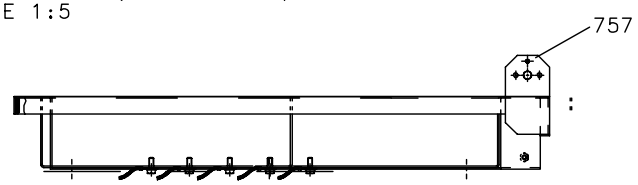
ELECTRICAL CABINET

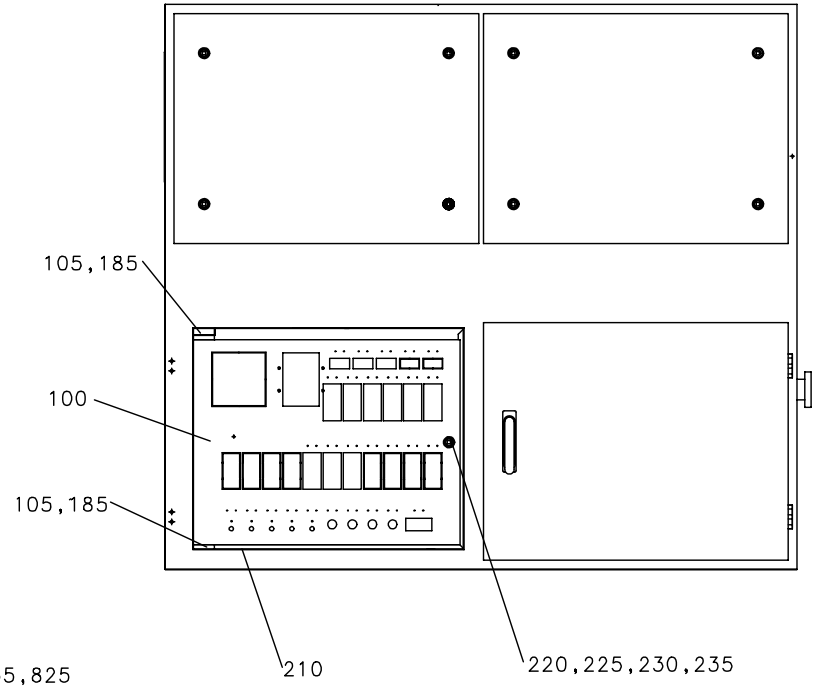


RH VIEW
SCALE 1:5



SWING PLATE (INSIDE VIEW)
SCALE 1:5

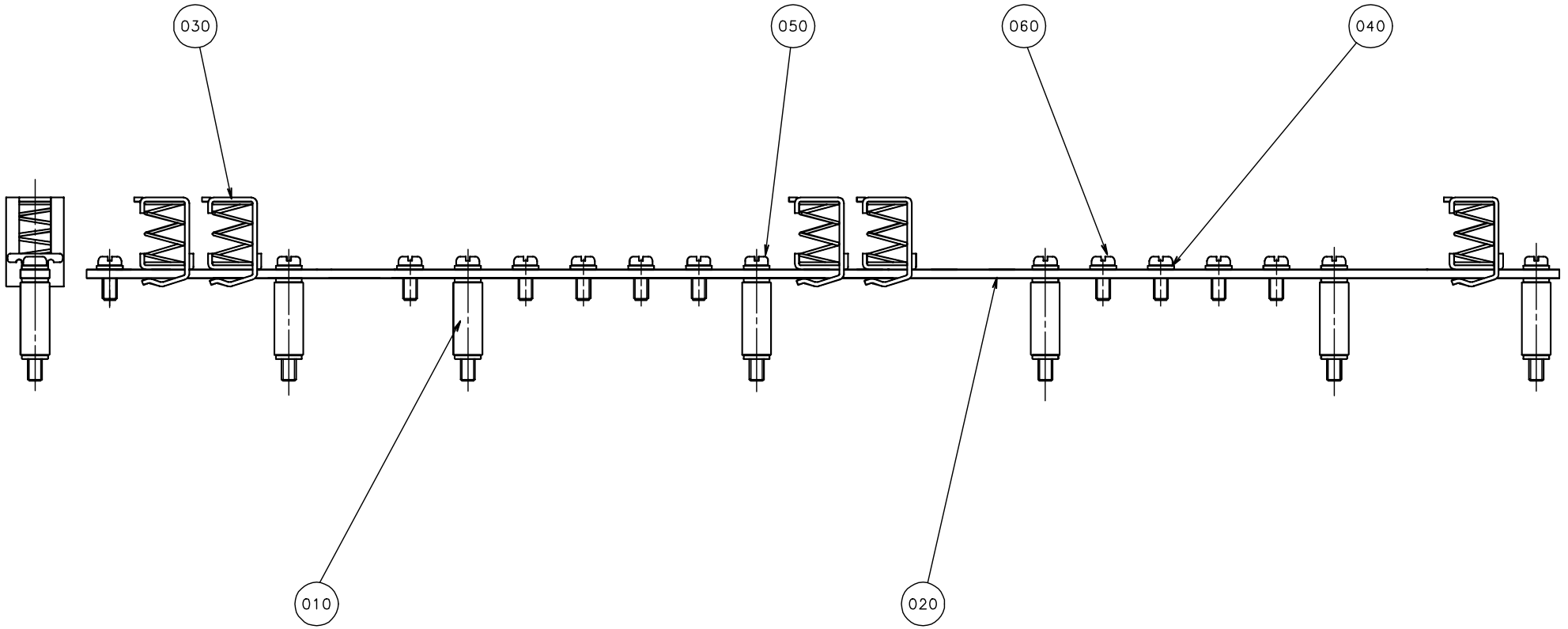




Pos	Part No	SP	UN	Qty	Description	Page No
0835	90181-0067	-	MM	350	DIVIDING PLATE SEP80	
0836	90181-0067	-	MM	350	DIVIDING PLATE SEP80	
0837	90181-0067	-	MM	200	DIVIDING PLATE SEP80	
0838	90181-0067	-	MM	250	DIVIDING PLATE SEP80	
0839	90181-0067	-	MM	700	DIVIDING PLATE SEP80	
0840	90181-0067	-	MM	350	DIVIDING PLATE SEP80	
0845	90181-0067	-	MM	430	DIVIDING PLATE SEP80	
0850	971458-0000	-		1	GASKET	
0855	971692-0000	-		1	SHEET	
0860	971691-0000	-		1	SHEET	
0865	971693-0000	-		1	SHEET	
0870	971690-0000	-		1	SHEET	
0875	312105-0636	-		6	SCREW M6S16X80RFR	
0880	315111-0186	-		6	WASHER TBRB 17x30 FZB	
0890	312121-0287	-		8	SLOTTED HEAD SCREW MCS 4x8 FZB	
0900	312121-0291	-		100	SLOTTED HEMCS4X12FZB	
0910	312121-0366	-		4	SLOTTED HEMCS6X12FZB	
0920	315101-0136	-		47	WASHER BRB 4,3x8 FZB	
0930	90287-0157	-		120	SCREW, M6SF ISO4014, M6x10 8,8	
0945	312105-0465	-		1	SCREW M6S ISO 4014 M8x70 A280	
0946	312105-0469	-		5	SCREW M6S ISO 4014 M8x90 A280	
0950	312111-0323	-		70	SCREW MC6S5X8FZB	
0960	312111-0329	-		10	SCREW MC6S5X16FZB	
0970	312111-0331	-		10	SCREW MC6S5X20FZB	
0980	312111-0333	-		4	SCREW MC6S5X25FZB	
0985	312115-0327	-		5	SCREW MC6S ISO 4762 M5X12 A280	
0990	312115-0335	-		3	SCREW MC6S ISO 4762 M5X30 A280	
0995	312605-0314	-		5	NUT,HEXAGON,M6M5 Stainless	
0996	315105-0146	-		5	WASHER,PLAIN ROUND 5,3x10 Stainless	
0998	312105-0368	-		10	SCREW M6S ISO 4017 M6x16 A280	
0999	315105-0153	-		16	WASHER,PLAIN ROUND 6,4x12 Stainless	
1000	315101-0146	-		100	WASHER BRB 5,3x10 FZB	
1001	90099-0005	-		3	BARRIER NUT	
1002	90181-0051	-	MM	450	CABLE DUCT 200X60MM	
1003	90157-0041	-		1	SEALING COMPOUND	
1010	312125-0228	-		16	SLOTTED CHEESE HEAD ISO 1207 M3x16 A4	

Pos	Part No	SP	UN	Qty	Description	Page No

EARTH BAR



Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	988436-0000	-		6	SPACER SLEEVE	
020	1334695-0000	-		1	EARTH BAR	
030	90135-0039	-		5	SHIELD CLAMP KLBU 4-13.5	
040	90062-0060	-		28	WASHER,Lock 5,3x 10, T= 0,6 DIN 6798	
050	312125-0339	-		6	SLOTTED CHEESE HEAD ISO 1207 M5X40 RFR	
060	312125-0327	-		10	SLOTTED CHEESE HEAD ISO 1207 M5X12 RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
971314-0000						
	971334-0000	-		2	BUSHING	
	971335-0000	-		2	BUSHING	
	971336-0000	-		6	BUSHING	
	971337-0000	-		6	BUSHING	
	971338-0000	-		5	BUSHING	
	971339-0000	-		4	BUSHING	
	971616-0000	-		2	BUSHING	
	971654-0000	-		1	BUSHING	
	971655-0000	-		1	BUSHING	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC

Spare Parts Catalogue

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Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0100B or TBA 0125S						
F110	499082-0401	-		1	ADAPTER, TYPE 1 B40	
TBA 0160S or TBA 0180B or TBA 0200B or TBA 0200M or TBA 0200S or TBA 0236B or TBA 0250B or TBA 0250S or TBA 0284B or TBA 0300S or TBA 0330S						
F110	499082-0402	-		1	ADAPTER, TYPE 1 B55	
Common parts						
F010	A1350086-0100	-		1	INSTALLATION DRAWING	
F020	A1350087-0100	-		1	DIAGRAM	
F040	A 491942-0100	-		1	(PAPER)REEL TROLLEY	
F050	A 295904-0100	-		1	CLAMPING PIECE	
F090	A 531345-0100	-		1	PERSONAL PROTECT. EQ H2O2	
F100	A 77099-0200	-		1	TOOL KIT	
F120	A 582855-0100	-		1	TRANSPORT FRAME	
300	491092-0000	-		1	COVERING PLATE	
310	579899-0000	-		1	LIFTING UNIT	
320	441725-0000	-		1	COVERING PLATE	
330	752674-0002	-		2	SHIM	
340	752674-0003	-		2	SHIM	
350	752674-0005	-		4	SHIM	
360	752674-0007	-		2	SHIM	
600	579765-0000	-		1	MACHINE SIGN CE	
610	979548-0000	-		8	MACHINE PLATE	
900	90003-0422	-		1	CORRUGATED CARDBOARD BOX	
910	90347-0079	-		10	DAMPER TFE 601	
950	312601-0328	-		2	NUT M6M24FZB	
960	318301-0128	-		4	LIFTING EYES,BOLT,TYPE LT,M24	

Pos	Part No	SP	UN	Qty	Description	Page No

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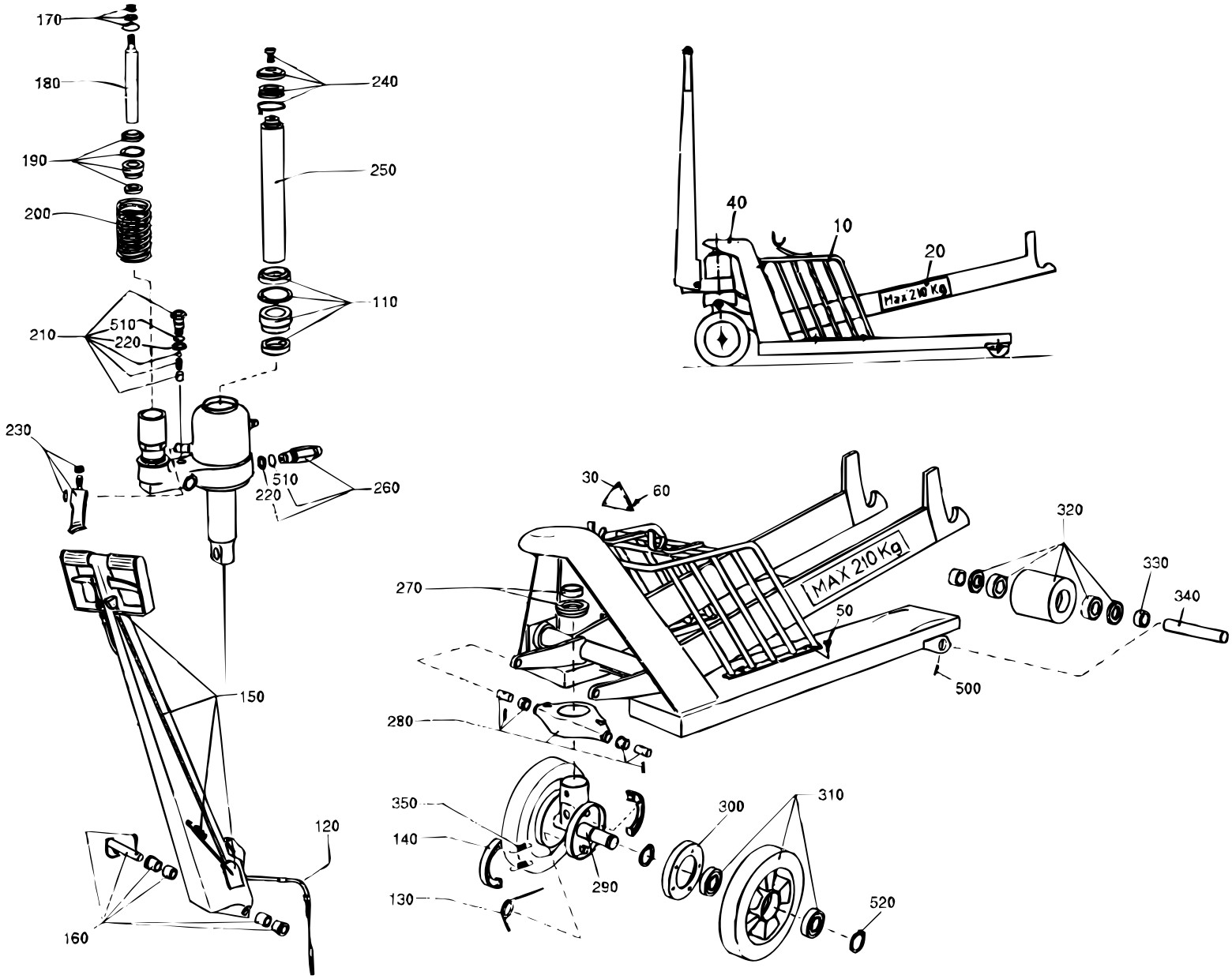
Pos	Part No	SP	UN	Qty	Description	Page No
TBA NOPT ASU or TBA NOPT NOASU						
520	580992-0000	-		1	AIR DIAGRAM	
530	580993-0000	-		1	WATER DIAGRAM	
540	491922-0000	-		1	HYDRAULIC DIAGRAM	
550	979713-0000	-		1	VALVE PANEL	
TBA PT19 ASU or TBA PT19 NOASU						
520	582470-0000	-		1	AIR DIAGRAM PT19	
520	979590-0000	-		1	AIR DIAGRAM	
530	1279824-0000	-		1	WATER DIAGRAM	
540	491922-0000	-		1	HYDRAULIC DIAGRAM	
550	589458-0000	-		1	VALVE PANEL	
550	979601-0000	-		1	VALVE PANEL	
Common parts						
500	578098-0000	-		1	LUBRICATION CHART	
510	579973-0000	-		1	ASEPTIC DIAGRAM	

Pos	Part No	SP	UN	Qty	Description	Page No

(PAPER)REEL TROLLEY



Pos	Part No	SP	UN	Qty	Description	Page No
Common parts						
010	295106-0000	-		1	PROTECTION	
020	491189-0000	-		2	SIGN	
030	3675-0000	-		1	TETRA PAK NAME PLATE Repl. by new one	
040	B 90067-0010	-		1	CARRIAGE	
050	312105-0364	-		5	SCREW M6S 6x10 A280	
060	312121-0224	-		3	SLOTTED HEMCS3X10FZB	
110	90067-0300	K		1	SPARE PARTS KIT	
120	90067-0301	K		1	BRAKE WIRE	
130	90067-0302	K		2	TORSION SPRING	
140	90067-0317	K		2	BRAKE LINING	
150	90067-0322	K		1	REPAIR KIT	
160	90067-0323	K		1	BEARING KIT	
170	90067-0324	K		1	REPAIR KIT	
180	90067-0325	K		1	PUMP PISTON	
190	90067-0326	K		1	REPAIR KIT	
200	90067-0327	K		1	RETURN SPRING	
210	90067-0328	K		1	VALVE	
220	90067-0329	K		2	COPPER WASHER	
230	90067-0330	K		1	VALVE ARM	
240	90067-0331	K		1	TOP BEARING KIT	
250	90067-0332	K		1	LIFT PISTON	
260	90067-0333	K		1	VALVE	
270	90067-0334	K		1	AXIAL BEARING KIT	
280	90067-0335	K		1	YOKE UNIT	
290	90067-0336	K		1	GUIDE SHAFT UNIT	
300	90067-0337	K		2	BRAKE DRUM	
310	90067-0338	K		2	GUIDE ROLLER	
320	90067-0339	K		2	WHEEL	
330	90067-0340	K		4	SLEEVE	
340	90067-0341	K		2	SHAFT	
350	90067-0342	K		4	TENSION SPRING	
500	311303-0271	K		2	SLOTTED PIRPB4X18FZB	
510	315204-0108	K		2	O-RINGS 10,1X1,6	
520	315750-0119	K		4	CIRCLIP SGA25	

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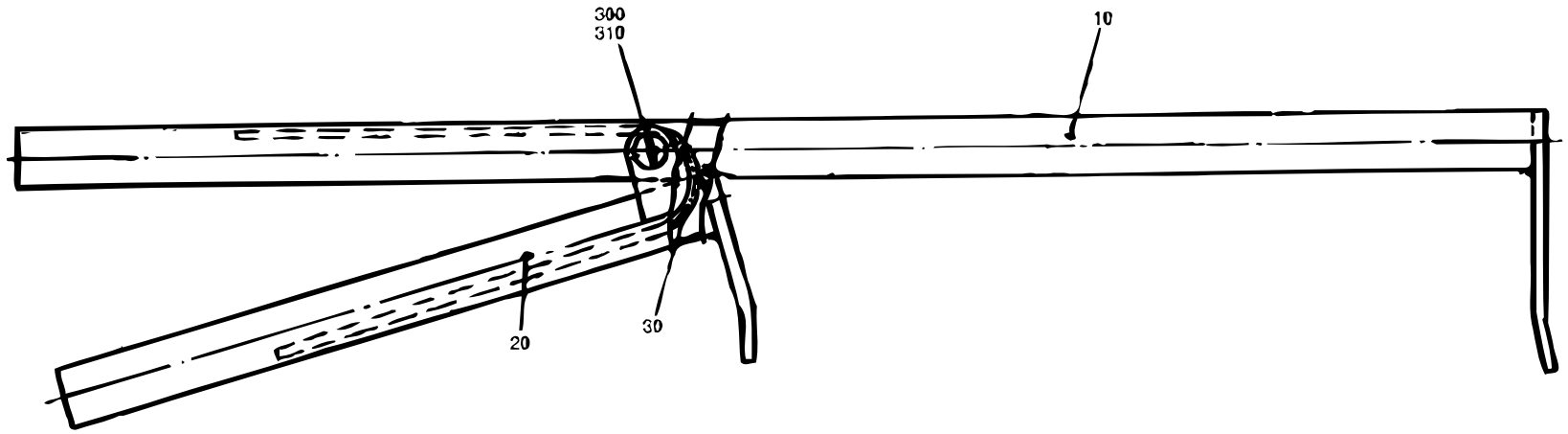
CLAMPING PIECE



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020	295906-0000	-		1	HANDLE	
030	295907-0000	-		1	SPRING	
300	312125-0295	-		1	SLOTTED CHEESE HEAD ISO 1207 M4X20 RFR	
310	312605-0312	-		1	NUT,HEXAGON,M4 RFR	
TBA 0100B or TBA 0125S						
010	295905-0001	-		1	HOLDER	
TB 0200S or TBA 0160S or TBA 0200S						
010	295905-0002	-		1	HOLDER	
TB 0200M or TB 0250S or TBA 0200M or TBA 0250S						
010	295905-0004	-		1	HOLDER	
TB 0180B or TB 0200B or TB 0236B or TB 0250B or TBA 0180B or TBA 0189B or TBA 0200B or TBA 0236B or TBA 0250B or TBA 0284B or TBA 0300S or TBA 0330S						
010	295905-0003	-		1	HOLDER	
TPA 0330SQ						
010	295905-0005	-		1	HOLDER	

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-						
010	90303-0012	-		1	GLOVES	
020	90303-0013	-		1	PROTECTIVE EQUIPMENT	
030	90303-0011	-		1	PROTECTIVE GOGGLES	

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010	75665-0000	-		1	ASSEMBLY TOOL	
020	72947-0000	-		1	HOOK SPANNER	
030	B 76167-0000	-		1	LOCKING LOOP	
040	76138-0000	-		1	LOCKING LOOP	
050	434841-0000	-		1	GAUGE	
060	76131-0000	-		1	ASSEMBLY CONE	
070	76132-0000	-		1	ASSEMBLY TOOL	
080	78801-0000	-		1	CALIBRATION TOOL	
090	77247-0000	-		1	ASSEMBLY PIN	
210	777120-0215	-		2	SPANNER 6x7	
220	777120-0220	-		2	C-SPANNER	
230	777120-0232	-		2	SPANNER 12x13	
240	777122-0137	-		1	C-SPANNER V=36	
250	777122-0142	-		1	C-SPANNER V=46	
260	777150-0801	-		2	KEY SET ,SEXKANT	
270	777200-0101	-		1	PIPE WRENCEL	

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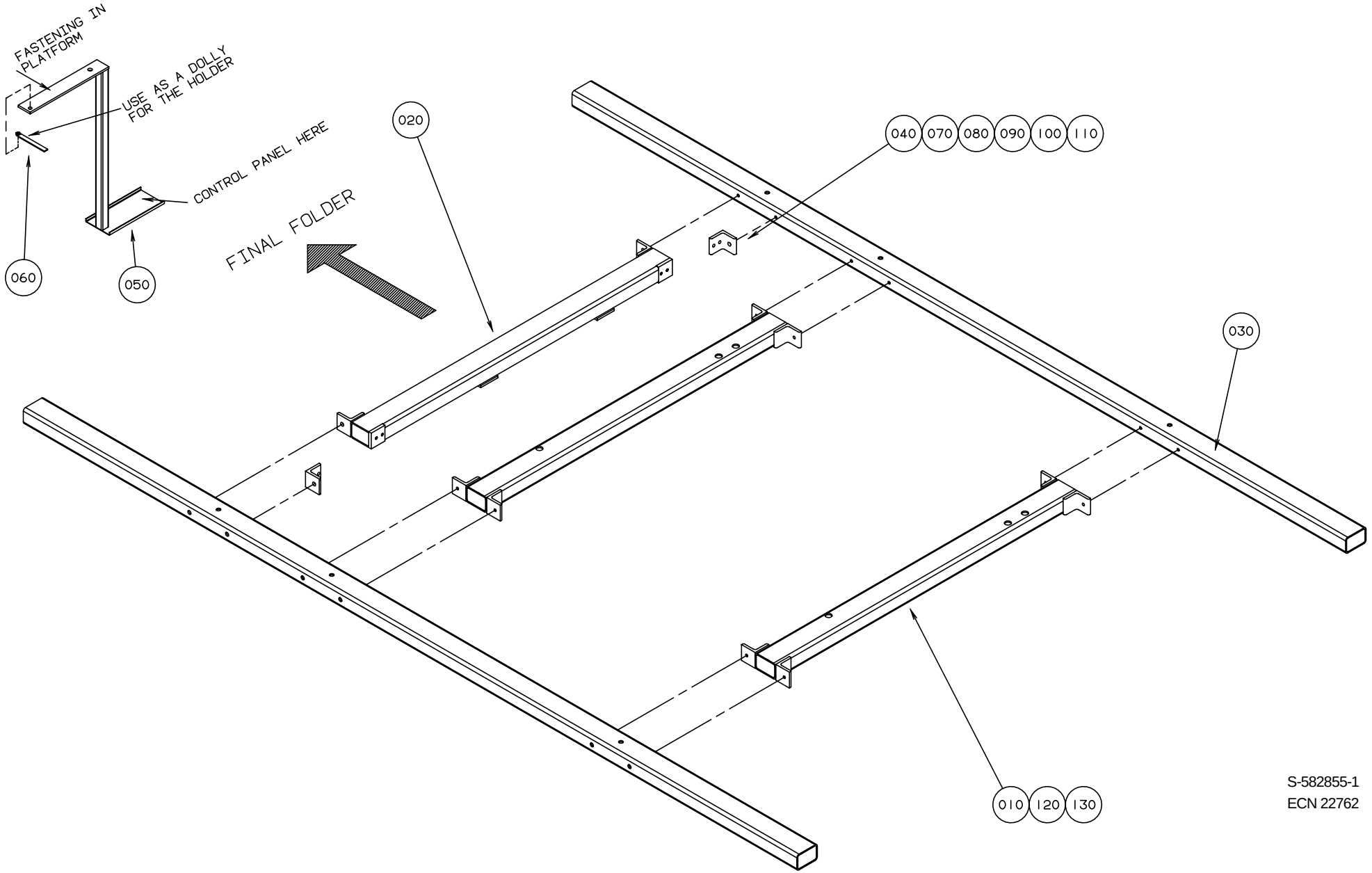

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010	581557-0000	-		2	BEAM	
020	581558-0000	-		1	BEAM	
030	581559-0000	-		2	BEAM	
040	582853-0000	-		2	BRACKET	
060	582851-0000	-		1	SUPPORT	
065	312101-0493	-		1	SCREW M6S10X25FZB	
070	312111-0540	-		12	SCREW MC6S12X40FZB	
080	312101-0532	-		4	SCREW M6S12X20FZB	
085	312101-0548	-		1	SCREW M6S12X80FZB	
090	315121-0178	-		12	WASHER TBRSB13X36FZB	
095	315101-0173	-		1	WASHER BRB10,5X22FZB	
100	315103-0178	-		6	WASHER BRB13X24MSGFN	
105	312601-0322	-		1	NUT M6M 12-8 FZB	
110	312601-0322	-		12	NUT M6M 12-8 FZB	
120	312101-0451	-		4	SCREW M6S 8x20 FZB	
130	312101-0455	-		2	SCREW M6S 8x30 FZB	
TBA						
050	582850-0000	-		1	SUPPORT	

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76167-0000						
	90287-0113	-		1	SCREW	
	90287-0114	-		1	PRESSURE PLATE	
	312715-0118	-		1	NUTS,WING M8	
90067-0010						
	90067-0300	K		1	SPARE PARTS KIT	
	90067-0301	K		1	BRAKE WIRE	
	90067-0302	K		1	TORSION SPRING	
	90067-0317	-		1	BRAKE LINING	

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