



Parts Manual

Spray Unit

Easy Spray-H

Issue 3.9

07-22-2026

Ref. NR-00087-ENG



Before installing the unit and starting it up, please take the time to read all the technical and safety instructions in the Service Manual. It is essential that you follow these instructions carefully so that you can handle and use the unit properly. These instructions are intended to maximize user safety and avoid malfunctions deriving from the incorrect use of the unit.



Parts Identification

WARRANTY

HI-TECH SPRAY EQUIPMENT, S. A. (hereinafter "HI-TECH") grants this Limited Guarantee to the original buyer (hereinafter the "Client") for the unit and the original accessories given with the unit (hereinafter the "Product") against any fault in the design, materials or manufacture of the Product at the time of the first purchase by the user and for a duration of two (2) years thereafter, except in the case of hoses and TSU's, which will have a warranty period of one (1) year. Additionally, for any other product manufactured by external suppliers, the warranty period will be as specified by the manufacturer.

If during the guarantee period and under normal conditions of use, the Product should fail to work correctly due to defects of design, material or manufacture, the authorised distributor of the country where the HI-TECH Product or technical assistance service has been purchased shall repair or replace the Product in accordance with what is established in the following:

CONDITIONS

- a) The validity of this guarantee will be subject to the presentation of the original invoice issued by the HI-TECH authorised distributor for the sale of the Product along with the Product handed over for repair or replacement, which must show the date of purchase and the serial number. HI-TECH reserves the right to refuse to give the guarantee service when the indicated data fail to appear on the invoice or have been modified after the purchase of the Product.
- b) The repaired or replaced Product will continue to maintain the original guarantee for the time remaining until the end of the guarantee or for three (3) months from the repair date, if the remaining period of the original guarantee were shorter.
- c) This guarantee will not be applied to the faults in the Product caused by its faulty installation, the natural wear and tear of the components, any use other than that considered normal for this Product or which should fail to strictly comply with the instructions of use provided by HI-TECH; due to accident, carelessness, adjustments, alterations or modifications of the Product not authorised by HI-TECH or due to the use of accessories, heating devices, pumping equipment and/or dispensers that have not been approved or manufactured by HI-TECH.
- d) The guarantee applicable to the components and accessories forming part of the Product and which have not been made by HI-TECH will be limited to the guarantee offered by the original manufacturer thereof.

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Parts Identification

All information provided in this manual has been included in the confidence that it is true, although it does not constitute any responsibility or implicit or explicit guarantee. HI-TECH reserves the right at any time and without prior warning to make all improvements and modifications necessary to this manual, in order to rectify any possible typographical errors, increase the information contained or insert the changes caused to the characteristics and performance of the unit.

SAFETY AND HANDLING

The equipment described in this manual has been designed and manufactured in compliance with the following European Directives, following as application guide the harmonized standards detailed and in conformity with the relevant UK Statutory Instruments (and their amendments):

2006/42/EC Machinery Directive

2014/35/EU Low Voltage Directive

2014/30/EU EMC Directive

2011/65/EU RoHS Directive with amendment 2015/863

2012/19/EU Directive on waste electrical and electronic equipment

Standards used:

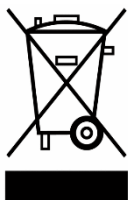
EN ISO 12100:2010

EN 60204-1:2018

EN IEC 61000-6-4:2019

EN IEC 61000-6-2:2019

EN IEC 63000:2018



Electrical products cannot be thrown out with the rubbish. They must be taken to a dedicated collection point for an environmentally sound disposal in accordance with local regulations. You must contact your local collective or retailer for information about recycling. Before leaving WEEE at appropriate collection facilities, batteries must be removed and disposed of separately for proper recycling. The packaging materials are recyclable. Dispose of packaging materials in an environmentally sound manner and place them at the disposal of recycling sectors.

TRANSPORT AND STORAGE

Proper precautions must be taken so that the equipment can withstand the effects of transport and storage temperatures between -25°C and +55°C or up to +70°C for short periods that do not exceed 24 hours. Also, appropriate means to prevent damage from moisture, vibrations or shocks must be foreseen.

SPRAY UNIT MODEL easy spray - H

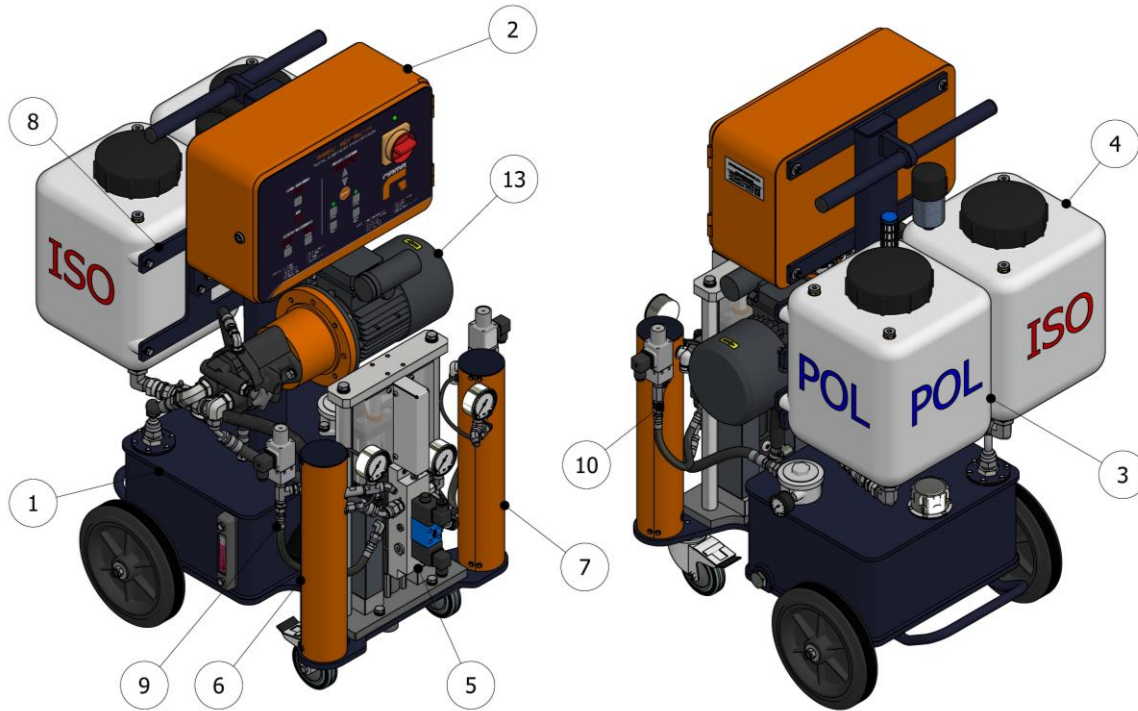


Figure 1. Spray unit model easy spray - H

Table 1. Spray unit parts list
Model: easy spray - H

Pos.	Description	Reference	Qty
1	Frame assembly	MQ-18021-00	1
2	Electrical console assembly	See Table 3	1
3	POL tank assembly	MQ-06012-00	1
4	ISO tank assembly	MQ-06013-00	1
5	Pump assembly	-	1
6	ISO heater assembly	CLH-06005-02	1
7	POL heater assembly	CLH-06006-02	1
8	Tank mounting arms	MQ-18026	1
9	ISO pump-heater hose	MA-00036	1
10	POL pump-heater hose	MA-00036	1
13	Hydraulic motor and pump assembly	-	1



Parts Identification

Table 2. Basic configurations

Reference	Description
ES150-425R15	easy spray-H single-phase 230V – Hoses with recirculation gun
ES150-425H15	easy spray-H single-phase 230V – Heated hoses 1.5kW
	easy spray-H single-phase 230V – Additional Transformer 1.6kW

The version with additional transformer is like the version with recirculation hoses, changing these for heated ones and adding the trolley with the independent transformer for lengths up to 48 m (see page 28).

On version with a 230V heated hose, the temperature and intensity are controlled from the machine itself, the version with an additional independent transformer, the temperature of the hoses is controlled by the intensity assigned from the transformer.

Table 3. List of references for electrical console

Reference	Description
EL-00231	Electrical console assy. (single-phase 230V) Gun recirculation Version 1
EL-00234	Electrical console assy. (single-phase 230V) Heated 20 m hose Version 2
EL-00231	Electrical console assy. (single-phase 230V) Additional Transformer Version 3

ELECTRICAL CONSOLE

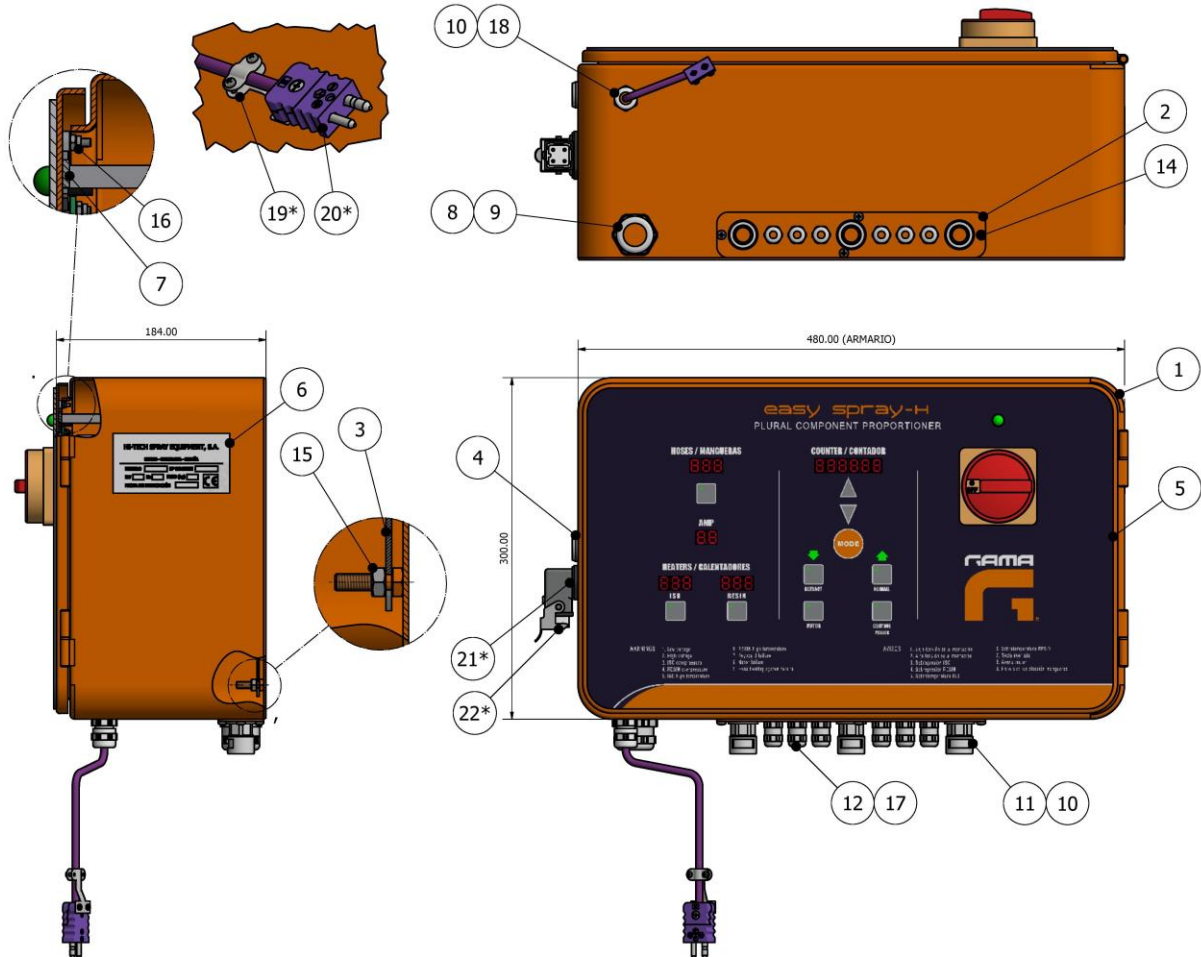


Figure 2. Electrical console for Easy Spray - H

Table 4. List of parts for electrical console for Easy Spray - H

Pos.	Description	Reference	Qty
1	Soldered cabinet assembly	See Table 5	1
2	Lower cabinet cover	EL-00027-01F	1
3	Cabinet back plate	EL-00018-03	1
4	Cabinet lock assy.	EL-00034	1
5	Face panel assembly	See Table 6	1
6	Rating plate	MQ-01010	1
7	Internal reinforcement brace	EL-00145	1
8	Brass nut	EL-00090-03	1



Parts Identification

Pos.	Description	Reference	Qty
9	Cable gland	EL-00088-01	1
10	Brass nut	EL-00090-01	3
11	Cable gland	EL-00087-00	3
12	Cable gland	EL-00088-00	6
13	Blind rivet	TN-00240	4
14	Screw	TN-00031	4
15	Hex nut	TN-00108	4
16	Hex nut	TN-00182	10
17	Brass nut	EL-00090-00	6
18	Plastic cap	EL-00088-08	1
	Cable gland (*)	EL-00088-05	1
19	TCS connector (not show) (*)	EL-00096-84	1
20	Cable ties (*)	EL-00096-86	1
21	Screw (*)	TN-00421	2
22	Female connector assembly (*)	EL-00096-04/05	1

Note: (*) Parts valid only for the 230V heated hose option.

Table 5. List of cabinet variants

	easy spray – H (version 1) Hoses with recirculation	easy spray – H (version 2) 20 m 230v heated hoses
Soldered cabinet assembly	EL-00001-07	EL-00001-12

Table 6. List of parts for Face panel assembly

	GAMA face panel (standard)
Face panel 1x	EL-00232
Circuit 1x	EL-00015-05
Switch 1x	EL-00107-18
4th Pole 1x	EL-00107-21
Command Switch 1x	EL-00107-19
Spacer 9x	EL-00019-03

HYDRAULIC DRIVE WITH SINGLE-PHASE MOTOR 230V 50/60HZ (VK pump)

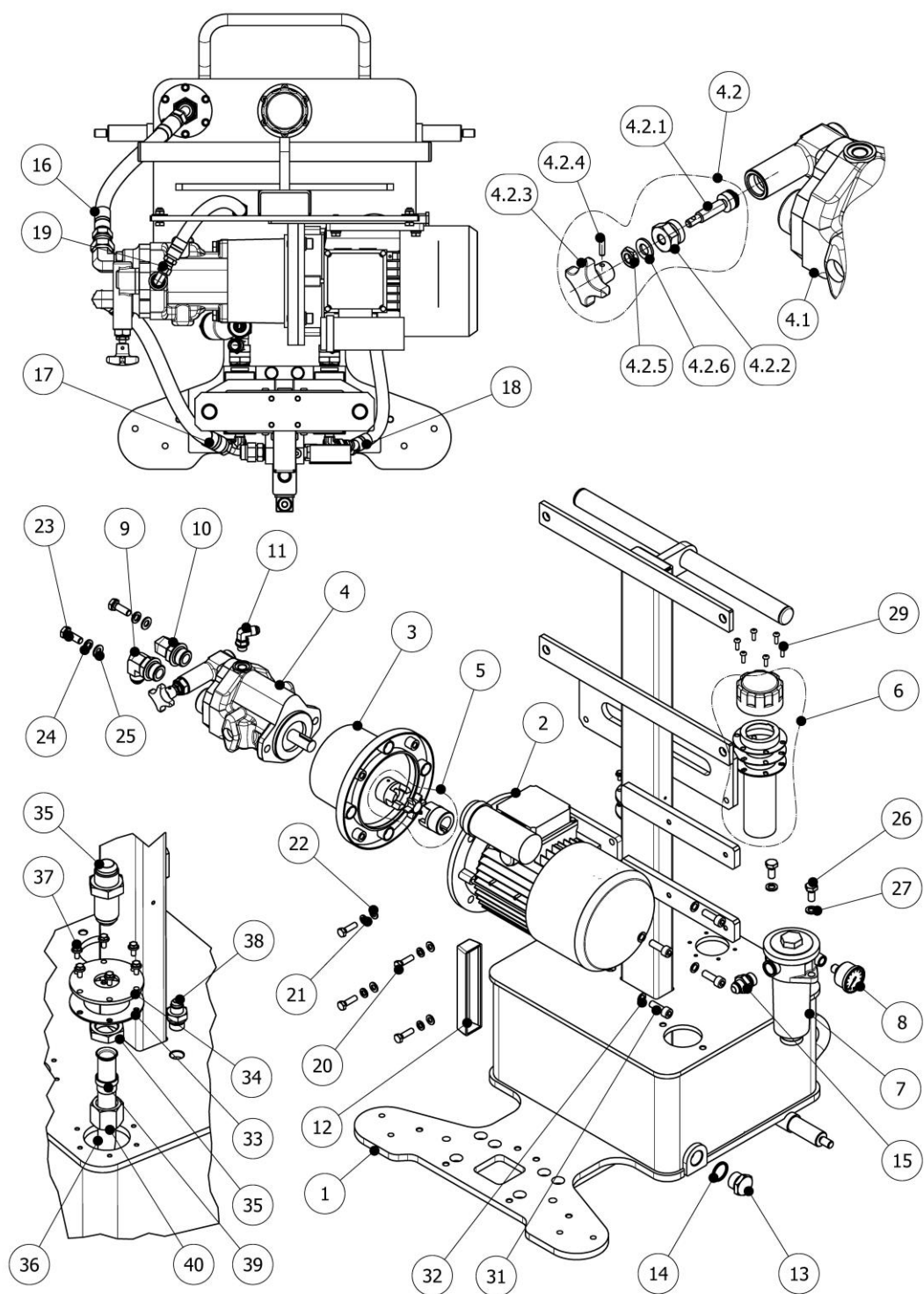


Figure 3. Single-phase hydraulic drive 230V 50/60Hz (with VK pump)



Parts Identification

Table 7. List of parts for Hydraulic Drive with Single-phase Motor 230V 50/60Hz VK Pump

Pos.	Description	Reference	Qty
1	Frame assembly with hydraulic tank	MQ-18021-00	1
2	230V single-phase electric motor	See Table 8	1
3	Hood	HI-00124	1
4	VK pump	HI-00130-ESH	1
4.1	10cc VK Pump	HI-00130	1 (°)
4.2	Limiter Assy VK Pump	HI-00044-00	1 (°)
4.2.1	Control Rod VK Pump	HI-00042	1 (@)
	O-Ring VK Pump	OR-00025	1 (*)
4.2.2	Nut VK Pump	HI-00043	1 (@)
4.2.3	Handle VK Pump	HI-00044	1 (@)
4.2.4	Elastic Pin VK Pump	TN-00042	1 (@)
4.2.5	Lock Nut VK Pump	TN-00105	1 (@)
4.2.6	Washer VK Pump	TN-00162	1 (@)
5	Spidex elastic coupler	HI-00125	1
6	Fill cap assembly	HI-00002	1
7	Return filter assembly	HI-00123-00	1
8	Pressure gauge (included in POS 7)	HI-00123-03	1
9	Elbow coupler 90° (VK)	RA-00433	1
10	Elbow coupler 90° (VK)	RA-00434	1
11	Elbow 90° (VK)	RA-00177	1
12	Thermometer	HI-00001	1
13	Drain cap	RA-00022	1
14	Bi-material gasket	OR-00082	1
15	Nipple	RA-00316	1
16	Intake hose (VK)	HI-00132	1
17	Pressure hose (VK)	HI-00133	1

(*) Parts included in Pos 4.1. (@) Parts included in Pos.4.2

(°) Parts included in Pos 4

Cont. overleaf



easy spray - H

Parts Identification

/ cont.

Pos.	Description	Reference	Qty
18	Return hose	HI-00053-02	1
19	Drain hose (VK)	HI-00131	1
20	Hex screw	TN-00054	4
21	Glomer washer	TN-00028	4
22	Flat washer	TN-00456	4
23	Hex screw	TN-00129	2
24	AET washer	TN-00145	2
25	Flat washer	TN-00162	2
26	Allen Screw	TN-00189	2
27	AET washer	TN-00145	2
28			
29	ULS screw	TN-00159	6
30			
31	Allen screw	TN-00189	4
32	AET washer	TN-00145	4
33	Join Seal	HI-00002-A	1
34	Bulkhead Plate	MQ-18050	1
35	Bulkhead	RA-00442	1
36	Suction Pipe	MQ-18024	1
37	Hex. Cap Flange screw	TN-00509	6
38	Drain Male Union	RA-00492	1
39	Ferrule	RA-00166	1
40	Ferrule Nut	RA-00167	1

Table 8. Variable of Single-phase Electric Motor

Description	Reference
Single-phase Electric Motor 230 v - 1,8 kW - 1380 rpm - 50 Hz (Standard)	EL-00229
Single-phase Electric Motor 230 v - 1,8 kW - 1660 rpm - 60 Hz (Special)	EL-00275

FRAMEWORK COMPONENTS

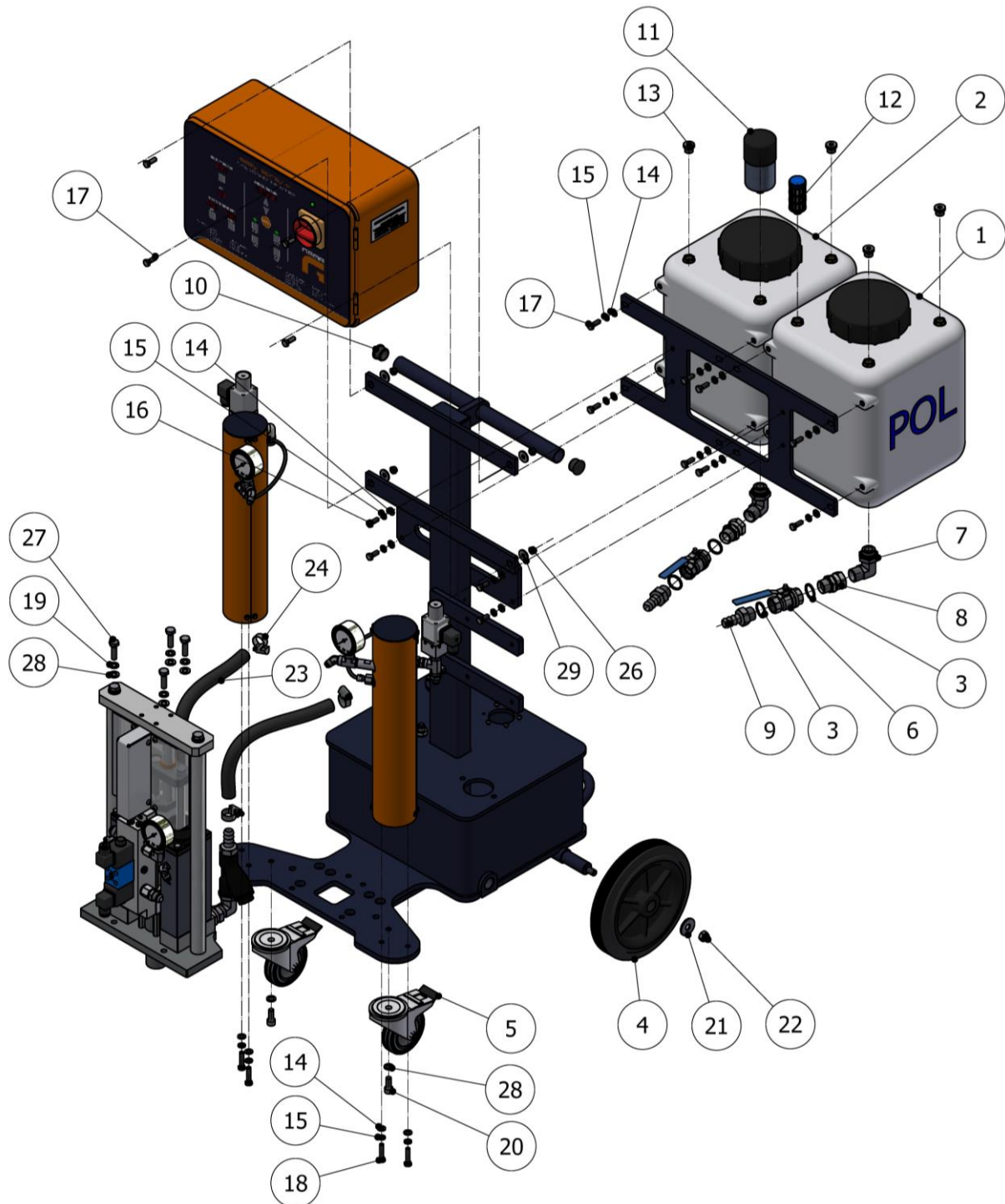


Figure 4. Framework components



Table 9. List of framework components

Pos.	Description	Reference	Qty
1	POL tank assy.	MQ-06012-00	1
2	ISO tank assy.	MQ-06013-00	1
3	Bi-material gasket	OR-00082	4
4	Wheel	MQ-08112	2
5	Castor with lock	MQ-06021	2
6	Ball valve	RA-00078	2
7	Elbow coupler 90°	RA-00072	2
8	Swivel nut	RA-00073	2
9	Straight coupler with pin	RA-00219	2
10	Handlebar cap	MQ-06017-03	2
11	Dryer filter	NE-00045	1 (*)
12	Silencer	NE-00056	1 (#)
13	Flanged cap	RA-00049	2 (*) 2 (#)
14	Flat washer	TN-00119	16
15	AET washer	TN-00038	20
16	Hex screw	TN-00187	4
17	Hex screw	TN-00146	12
18	Hex screw	TN-00051	4
19	Glomer washer	TN-00087	4
20	Allen screw	TN-00465	2
21	Washer	TN-00271	2
22	Locking nut	TN-00030	2
23	Hose	MA-00058	1 m
24	Mikalor clamp	TN-00364	4
25	Hose reinforcement spring (not shown)	SP-00019	1 m
26	Nut	TN-00283	4
27	Hex. Screw	TN-00163	4
28	Washer	TN-00162	6
29	Wide Washer	TN-00456	4

(*) Items included in ISO Tank Assy Ref. 2

(#) Items included in POL Tank Assy Ref. 1.

Ref. Tank only with Cover; MQ-06012-01 (common for ISO & POL).

PROPORTIONING PUMP ASSEMBLY

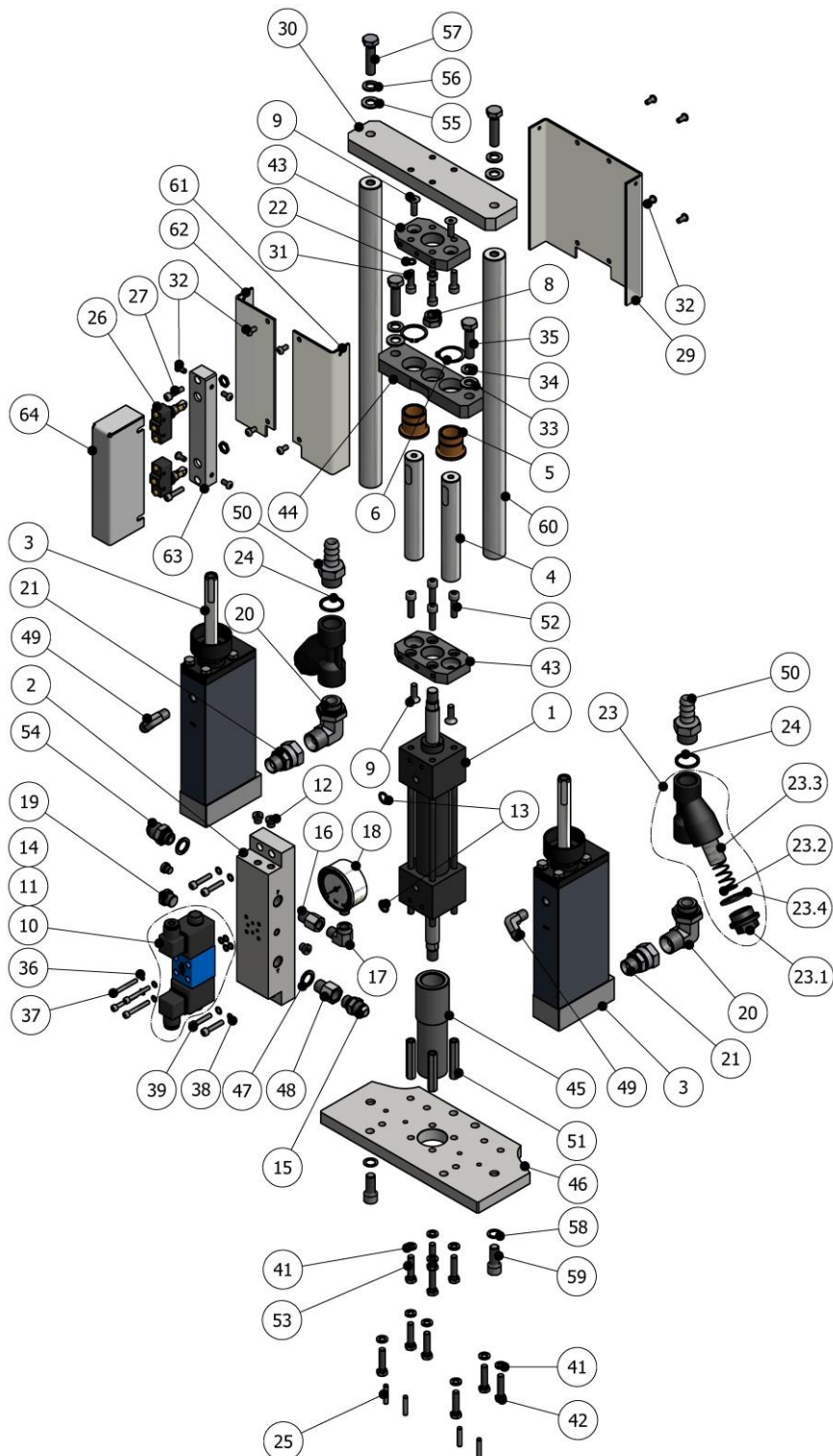


Figure 5. Proportioning pump assembly



Table 10. List of parts for proportioning pump assembly

Pos.	Description	Reference	Qty
1	Hydraulic cylinder	HI-00207	1
2	Hydraulic distributor block	MQ-18001	1
3.A	ISO proportioning pump	See Table11	1
3.R	POL proportioning pump	See Table11	1
4	Guide column	MQ-18006	2
5	Guide bush	TN-00314	2
6	Seeger ring	TN-00070	2
7			
8	Hex nut	TN-00415	1
9	Countersunk screw	TN-00233	4
10	Solenoid valve assy. NG4 C.A.	HI-00126	1
11	O-ring (included in "POS".10)	OR-00024	3
12	1/8" BSPP flanged cap	RA-00211	6
13	O-ring	OR-00143	2
14	O-ring (included in "POS".10)	OR-00057	1
15	Nipple	RA-00388	1
16	Adapter	RA-00436	1
17	Elbow 90°	RA-00021	1
18	Pressure gauge 160 bar	HI-00015	1
19	Flanged cap	RA-00049	1
20	Adjustable elbow 90°	RA-00072	2
21	Swivel nut adapter	RA-00141	2
22	AET Washer	TN-00038	4
23	30 mesh filter assy.	RA-00074-00	2
23.1	Filter cap (Included in POS.23) (*)	RA-00074-01	1
23.2	Filter spring (included in POS.23) (*)	SP-00017	1
23.3	30 Mesh filter (included in POS.23) (*)	RA-00074-03-30	1
23.4	Bi-material gasket (included in POS.23) (*)	OR-00061	1
24	Bi-material gasket	OR-00082	2

(*) Quantities per filter.

Cont. overleaf.



Parts Identification

/ cont.

Pos.	Description	Reference	Qty
25	Pin DIN 7979	TN-00055	4
26	Mechanical Switch (with nuts)	EL-00020	2
27	Allen Screw	TN-00169	2
28	Nut (included in POS.26) (*)		2
29	Polycarbonate protective casing	MQ-18014	1
30	Upper Plate	MQ-18033	1
31	Screw	TN-00062	4
32	Screw	TN-00170	12
33	Flat washer	TN-00040	2
34	AET washer	TN-00015	2
35	Hex screw	TN-00056	2
36	AET washer	TN-00017	4
37	Allen screw	TN-00198	4
38	AET washer	TN-00048	4
39	Allen screw	TN-00169	4
40			
41	AET washer	TN-00038	10
42	Hex screw	TN-00399	6
43	Column base plate	MQ-18004-MIC	2
44	Puma yoke	MQ-18005-MIC	1
45	Spacer	MQ-18002	1
46	Pump base plate	MQ-18035	1
47	Bi-material gasket	OR-00018	2
48	Extension nozzle	RA-00438	1
49	Nipple	RA-00044	2
50	Coupler with pin M3/4"BSPP-pin 19mm	RA-00219	2
51	Hex. Spacer	MQ-18030	4
52	Allen screw	TN-00429	4
	AET washer	TN-00038	4
53	Hex. Screw	TN-00428	4
54	Nipple	RA-00062	1

(*) Quantities per assembly. Cont. overleaf.



easy spray - H

Parts Identification

/ cont.

Pos.	Description	Reference	Qty
55	Flat Washer	TN-00040	2
56	AET Washer	TN-00015	2
57	Hex. Screew	TN-00056	2
58	AET Washer	TN-00015	2
59	Allen Screew	TN-00043	2
60	Column	MQ-18037	2
61	Front RH Cover	MQ-18048	1
62	Front LH Cover	MQ-18049	1
63	Mechanical Switch Support	MQ-18045	1
64	Switch Cover	MQ-18047	1

Table11. List of parts per proportioning pump size, easy spray-H

Size of proportioning pump	Description	Reference
4.5	ISO / POL proportioning pump	PU-02001-ESG

Note:

The isocyanate and polyol pumps are identical.

PROPORTIONING PUMP

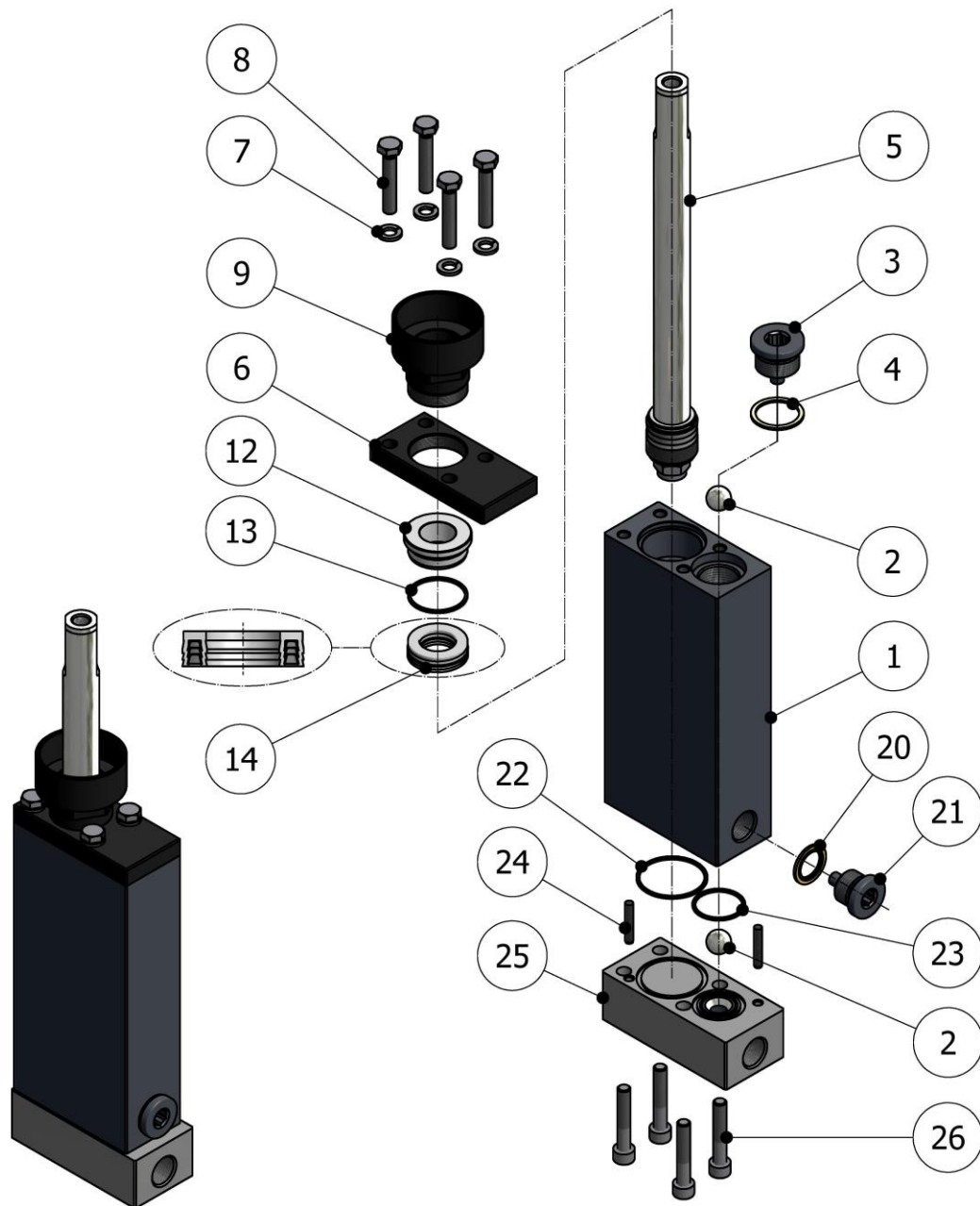


Figure 6. Proportioning pump



Parts Identification

Table12. List of parts for proportioning pump assembly

Pos.	Description	Reference	Qty
1	Pump and upper bushing assy.	PU-02001-02A	1
1.1	Pump housing	PU-02001-02	1
1.2	Ball seat bushing	PU-02000-09	1
2	Chrome-plated steel ball	TN-00012	2
3	Upper ball stopper	PU-02000-21	1
4	Stopper gasket	PU-02000-27	1
5	Shaft assy.	See page 20	1
6	Pump yoke	PU-02000-03	1
7	Locking washer	TN-00028	4
8	Hex head screw	TN-00051	4
9	Packing nut	PU-02001-31	1
12	Guide bush (#)	PU-02001-30G	1
13	O-ring (#)	OR-00125	1
14	Retainer (#)	OR-00117G	1
20	Gasket	OR-00023	1
21	Lower ball stopper	PU-02000-10	1
22	O-ring	OR-00013	1
23	O-ring	OR-00014	1
24	Pin	TN-00042	2
25	Base plate and bush assy.	PU-02000-01A	1
25.1	Ball seat bushing	PU-02000-09	1
25.2	Pump base plate	PU-02000-01	1
26	Cylindrical head screw	TN-00046	4
27	Gasket kit (not shown in drawing)	See Table 14	1

Notes:

The isocyanate and polyol pumps are identical.

The quantities indicated are for one pump.

(#) Parts included in gasket kit Pos. 27. (Includes replacement parts for 1 pump).

PROPORTIONING PUMP PISTON

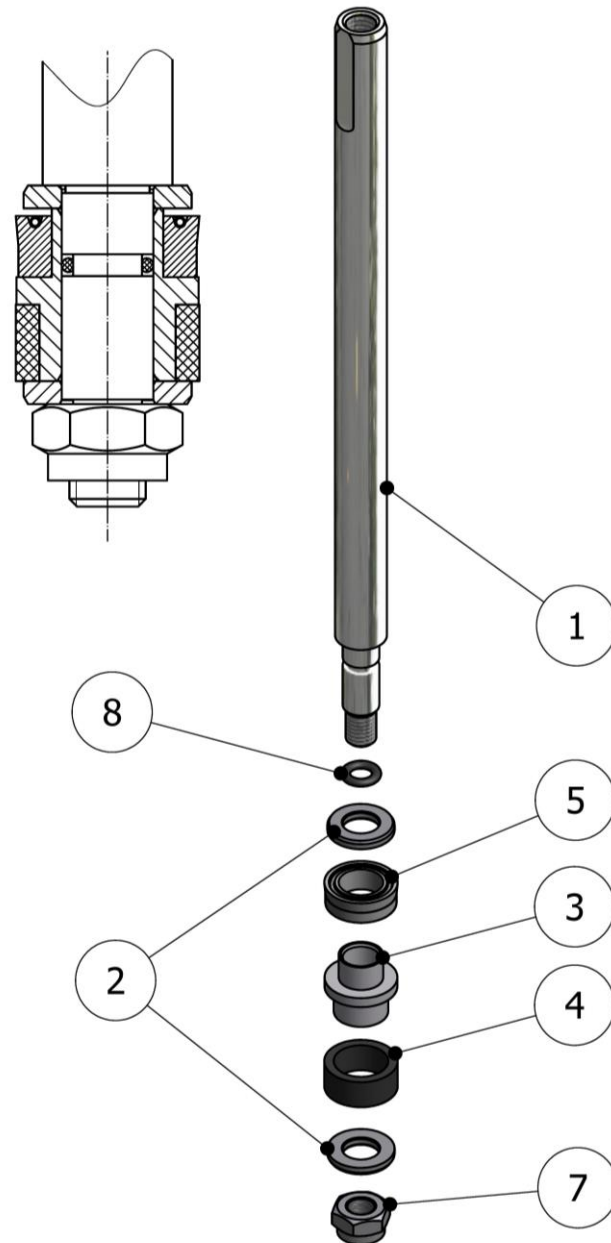


Figure 7. Proportioning pump piston, exploded view



Parts Identification

Table13. List of components of proportioning pump piston

Pos.	Description	Reference	Qty
1	Pump shank	PU-02001-06	1
2	Washer	PU-02001-08	2
3	Pump rod	PU-02001-07R	1
4	Rod guide (#)	OR-00050	1
5	Rod gasket (#)	OR-00151	1
6			
7	Self-locking nut	TN-00165	1
8	O-ring (#)	OR-00049	1
9	Gasket kit	See Table 14	1

Note:

Quantities per pump.

(#) Parts included in gasket kit Pos. 9. (Includes replacement parts for 1 pump).

Table 14. Seal Kit, Parts List

Reference	Description
KT-00153	#4.5 Pump Seal Kit

Parts Identification

PRIMARY HEATER

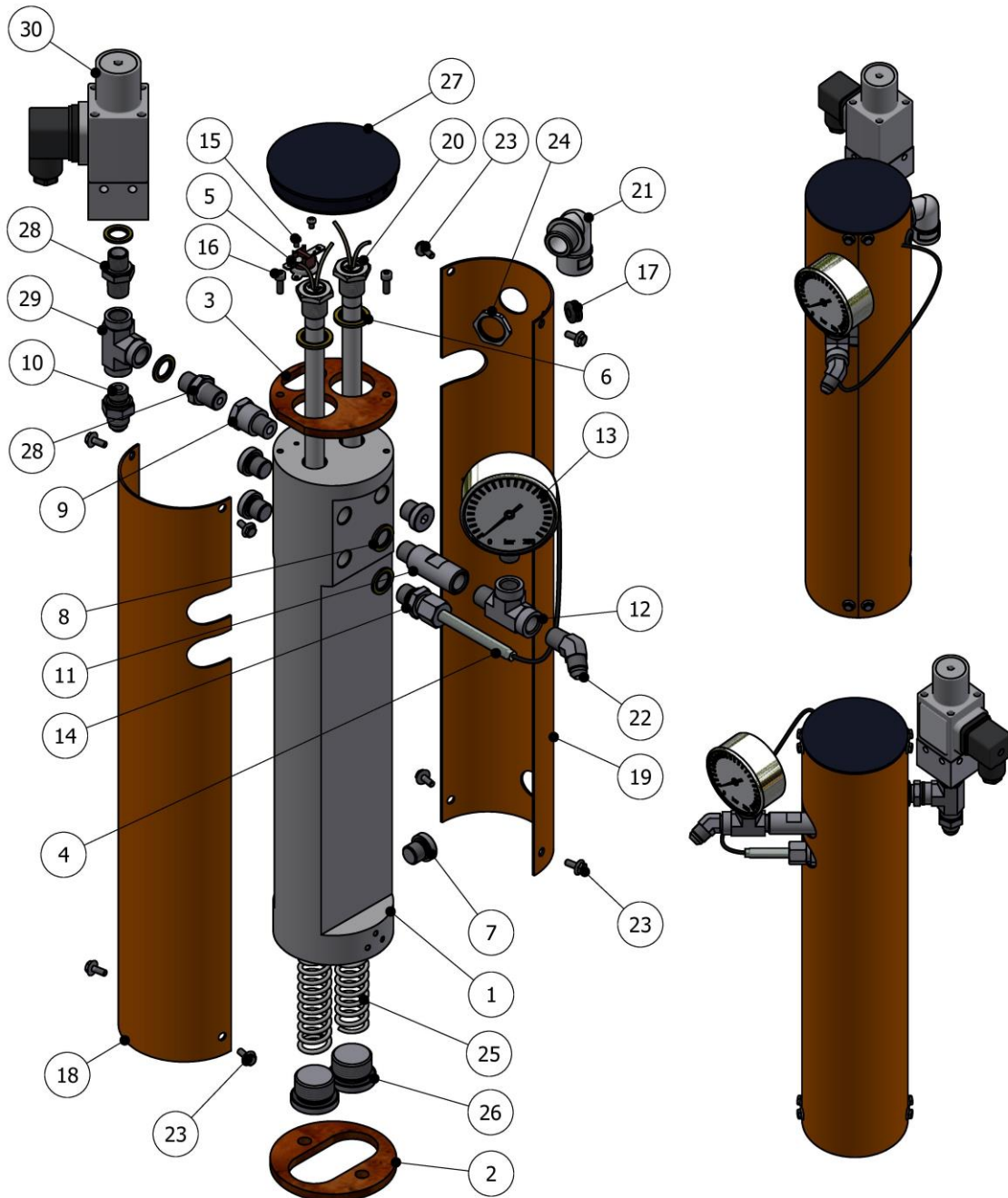


Figure 8. Primary heater

Note: The heaters for isocyanate and polyol are the same, except for outlet coupling POS.22, covers POS.18&19, and the assembly of the parts.



Parts Identification

Table 15. List of parts Primary heater

Pos.	Description	Reference	Qty
1	Heater block	CLH-06001-01	1
2	Bottom insulating plate	CL-06001-03	1
3	Top insulating plate	CL-06001-02	1
4	Thermocouple	EL-00146-00	1
5	Thermal limit switch	EL-00006	1
6	Gasket	OR-00018	2
7	Cap	RA-00013	4
8	Gasket	OR-00054	4
9	Extension nozzle	RA-00077	1
10	Straight coupler	RA-00145	1
11	Male extension nozzle	RA-00100	1
12	"T" connector	RA-00018	1
13	Pressure gauge	HI-00019	1
14	Straight coupler for tube	RA-00231	1
15	Screw	TN-00128	2
16	Screw	TN-00049	2
17	Grommet	EL-00095-00	1
18	Outside Cover	See Table 16	1
19	Inside Cover	See Table 16	1
20	Element	EL-00155	2
21	Elbow coupler for tube	EL-00087-01	1
22	45° elbow coupler	See Table 16	1
23	Screw	TN-00502	8
24	Nut	EL-00090-01	1
25	Spring	SP-00009	2
26	Cap	RA-00012	2
27	Heater Cover	CL-06007	1
28	Nipple	RA-00138	2
29	"T" connector	RA-00053	1
30	Pressure switch	HI-00020	1

Note: The heaters for isocyanate and polyol are the same, except for outlet coupling POS.22, covers POS.18&19, and the assembly of the parts.



Parts Identification

Table 16. List of parts specific to heater models

Reference	Description	POS. 18	POS. 19	POS. 22
CLH-06005-02	Isocyanate heater	CL-06005-02	CL-06005-01	RA-00017
CLH-06006-02	Polyol heater	CL-06006-02	CL-06005-01	RA-00043

INLET BYPASS KIT REF. KT-00119

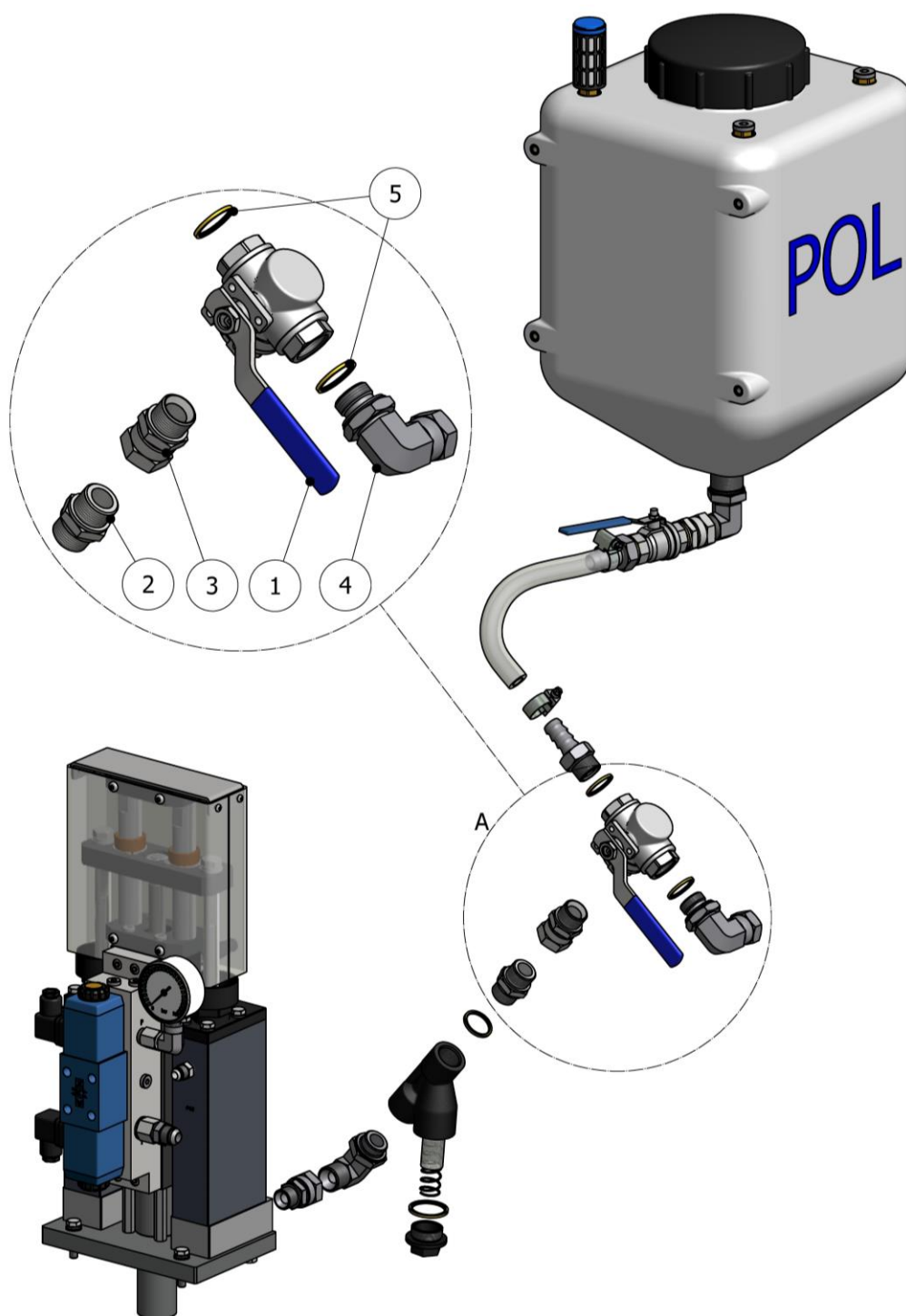


Figure 9. Inlet Bypass kit Ref. KT-00119

**Parts Identification*****Table 17. List of components of Inlet Bypass kit***

Pos.	Description	Reference	Qty
1	3 Way "L" Ball Valve	RA-00458	2
2	Nipple	RA-00142	2
3	Swivel nut adapter	RA-00073	2
4	Elbow 90° Swivel nut	RA-00338	2
5	Metal-Ring	OR-00082	4

Other parts of the drawing according to standard assembly.

The quantities reflected in the table correspond to the total units included in the kit for two Product Pumps.



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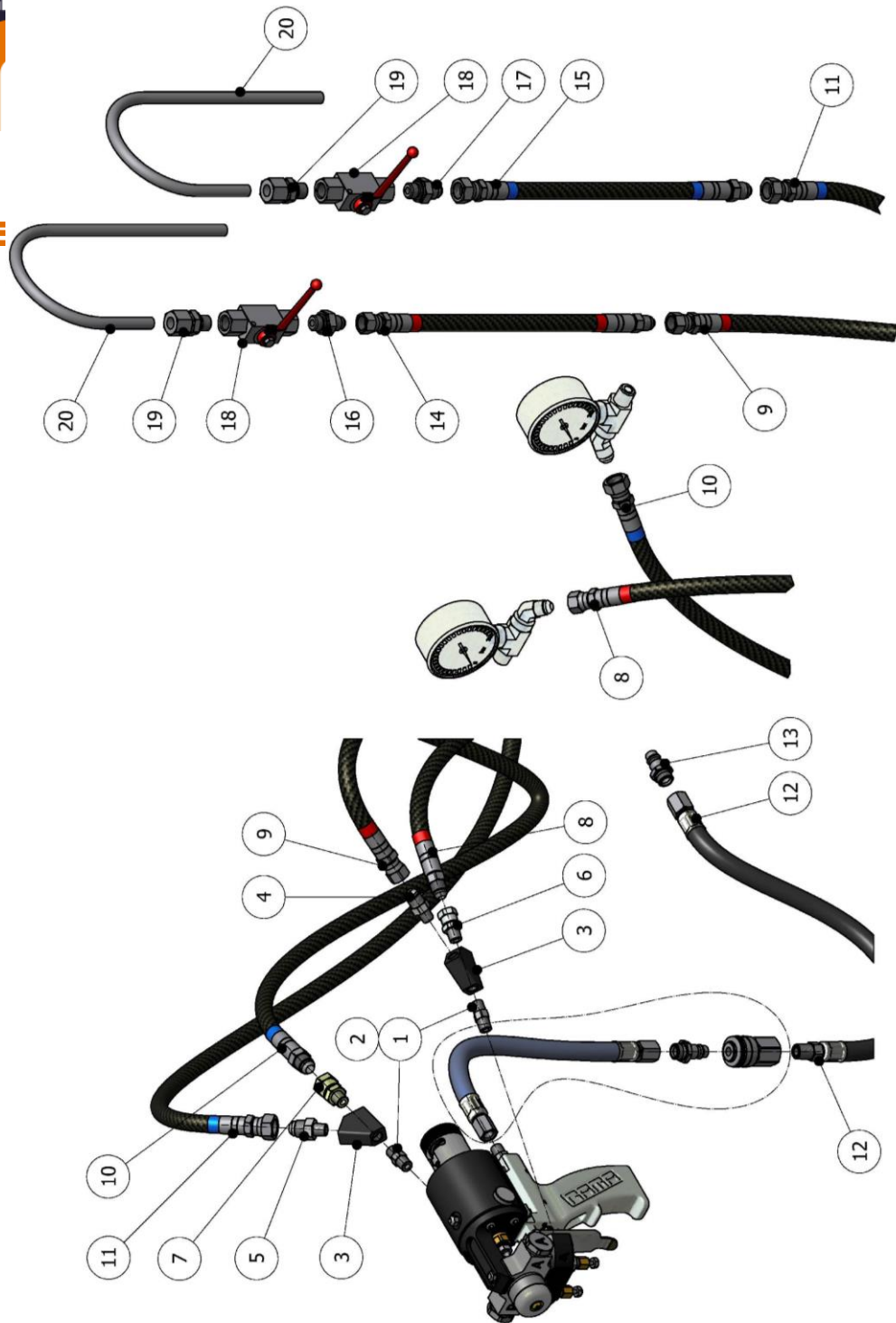


Figure 10. Recirculation kit Ref. KT-00059-90



Parts Identification

Table 18. List of components of recirculation kit

Item.	Description	Part Number	Qty.
1	Nipple	RA-00112	2
2	Elbow	RA-00205	2
3	Manifold	RA-00464	2
4	Nipple	RA-00238	1
5	Nipple	RA-00237	1
6	Swivel (*)	RA-00005	1
7	Swivel (*)	RA-00006	1
8	Flex 10000 mm Supply ISO	MA-00060-3	1
9	Flex 10000 mm Recirculation ISO	MA-00060-2	1
10	Flex 10000 mm Supply POL	MA-00059-3	1
11	Flex 10000 mm Recirculation POL	MA-00059-2	1
12	Air Hose	MA-00031	1
13	Air Coupler	RA-00110	1
14	Flex 1000 mm Recirculation Extended ISO	MA-00177	1
15	Flex 1000 mm Recirculation Extended POL	MA-00178	1
16	Nipple	RA-00144	1
17	Nipple	RA-00145	1
18	Ball Valve	RA-00217	2
19	Swivel	RA-00218	2
20	Tube	MQ-06016	2
	Hose Cover 10000 mm	MA-00123	
	Insulating Cover 10000 mm	MA-00099	
	Insulating Cover 8000 mm	MA-00099-1	

This kit is included with the standard unit version 1.

ADDITIONAL TRANSFORMER (OPTIONAL)

For heated hoses of 38 to 48 m

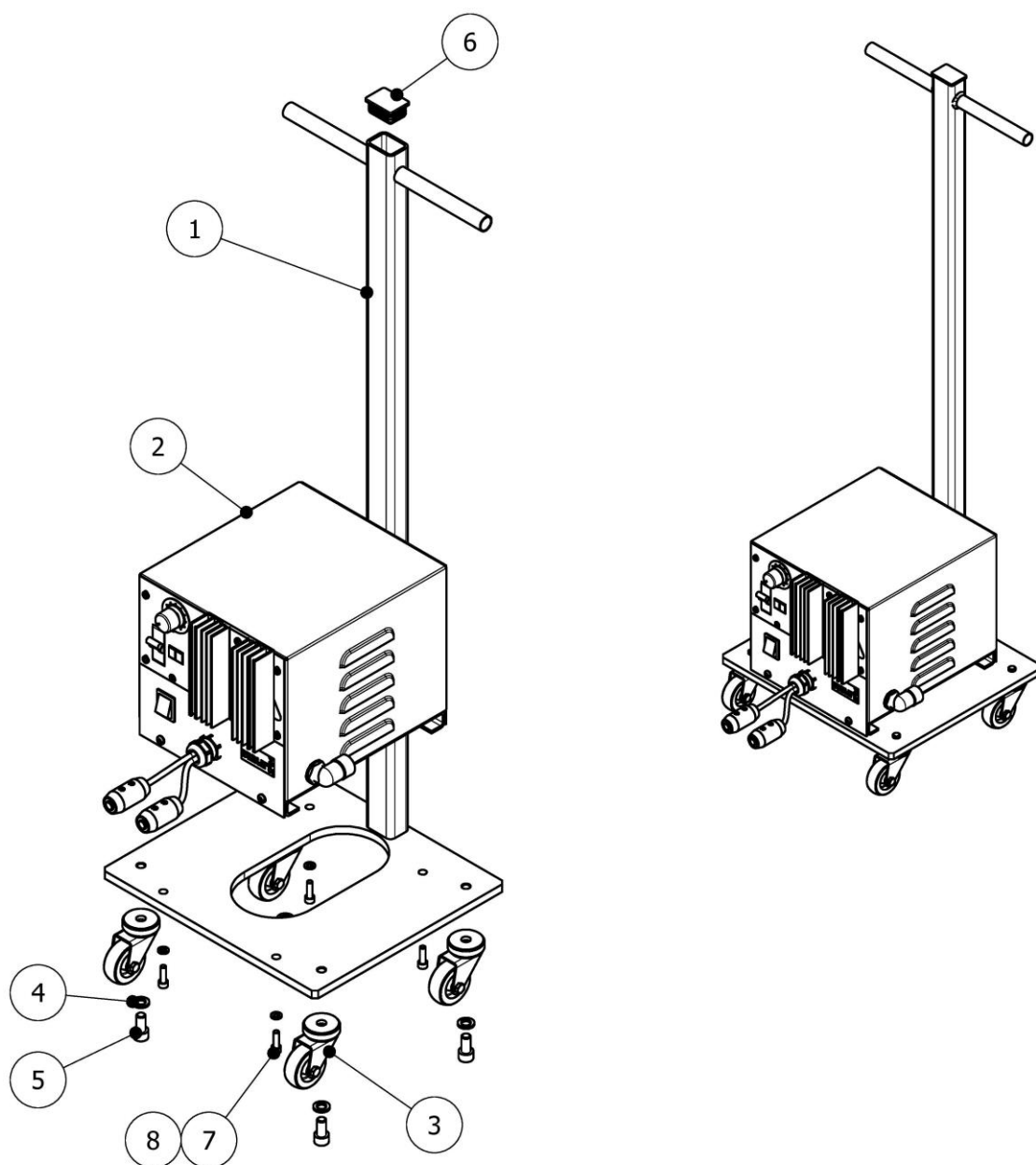


Figure 11. Additional independent transformer (optional)
Ref. MQ-18022

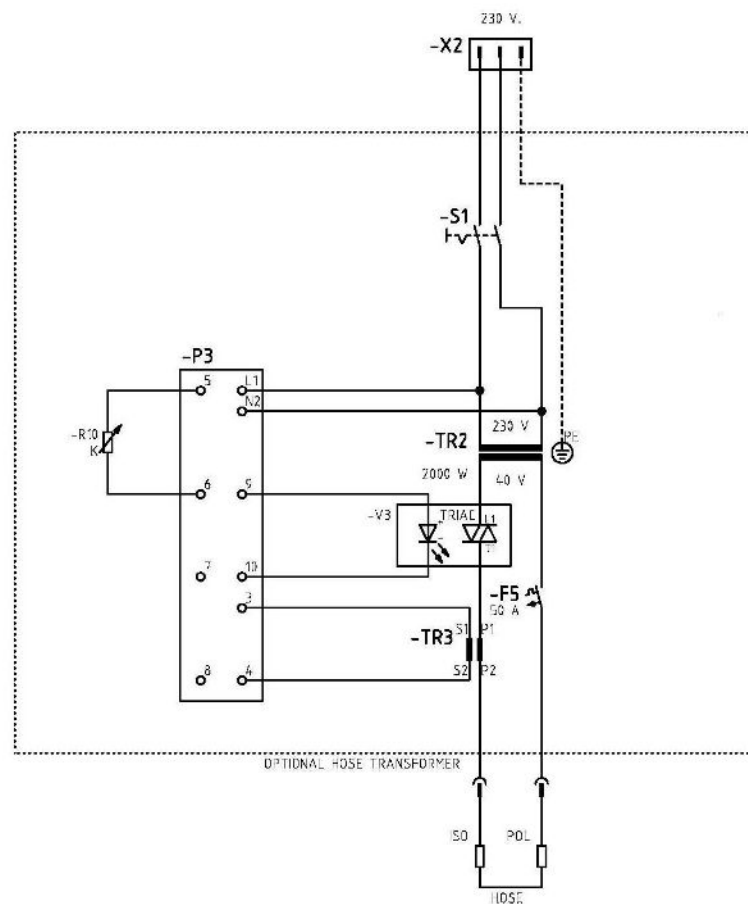
Parts Identification

Table 19. List of components of additional independent transformer (optional)

Ref. MQ-18022

Pos.	Description	Reference	Qty
1	Transformer cart	MQ-18022-00	1
2	Transformer	EL-00127-08	1
3	Swivel Wheel	MQ-07010	4
4	Glower washer	TN-00087	4
5	Allen screw	TN-00206	4
6	Tube cap	-	-
7	Glower washer	TN-00025	4
8	Allen screw	TN-00409	4

For heated hoses of 38 to 48 m



CIRCUIT DIAGRAM: 2X 1NPE~230V 50/60HZ

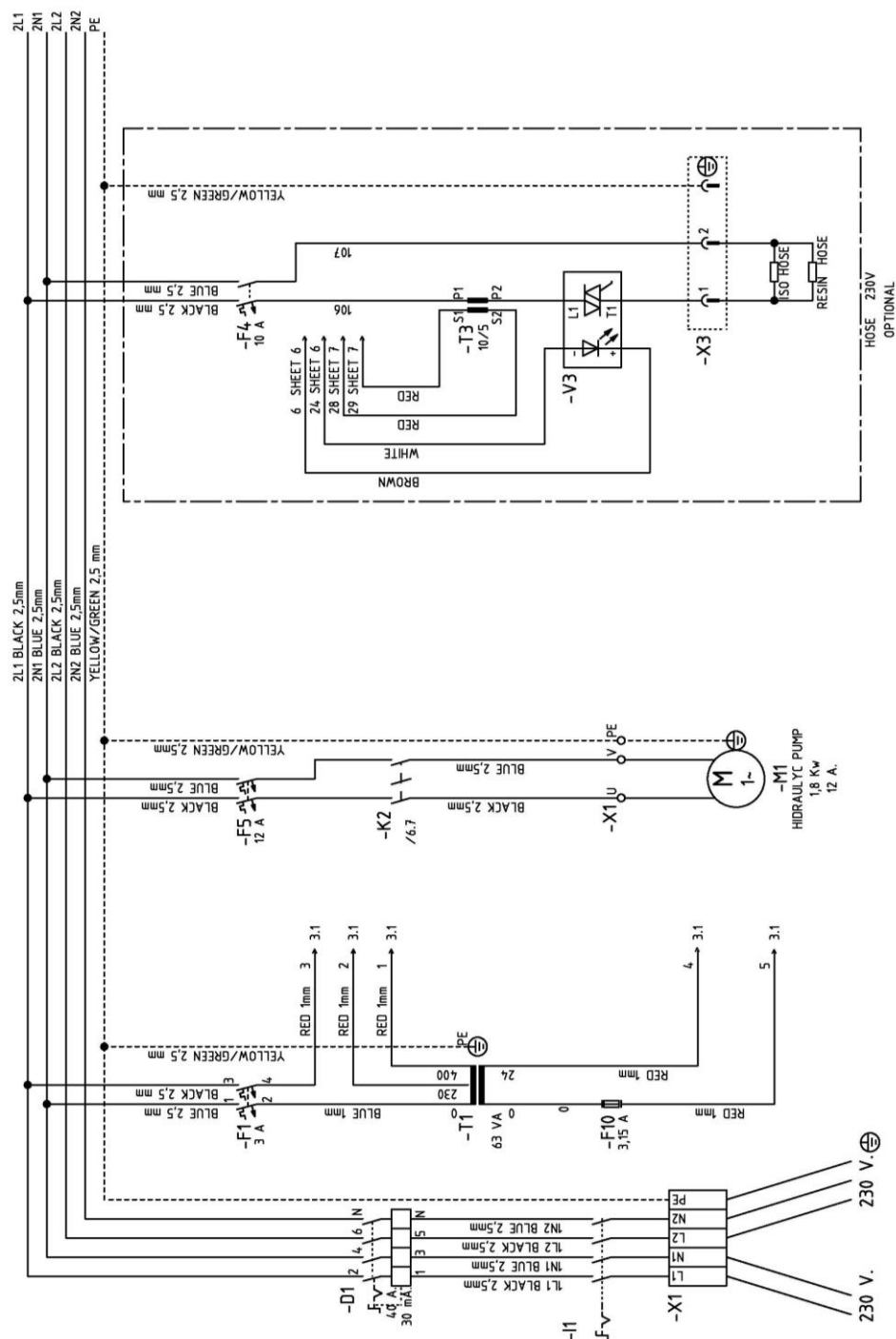


Figure 12. Circuit diagram: 2x 1NPE~230V 50/60Hz standard version (pg.1/7)

Parts Identification

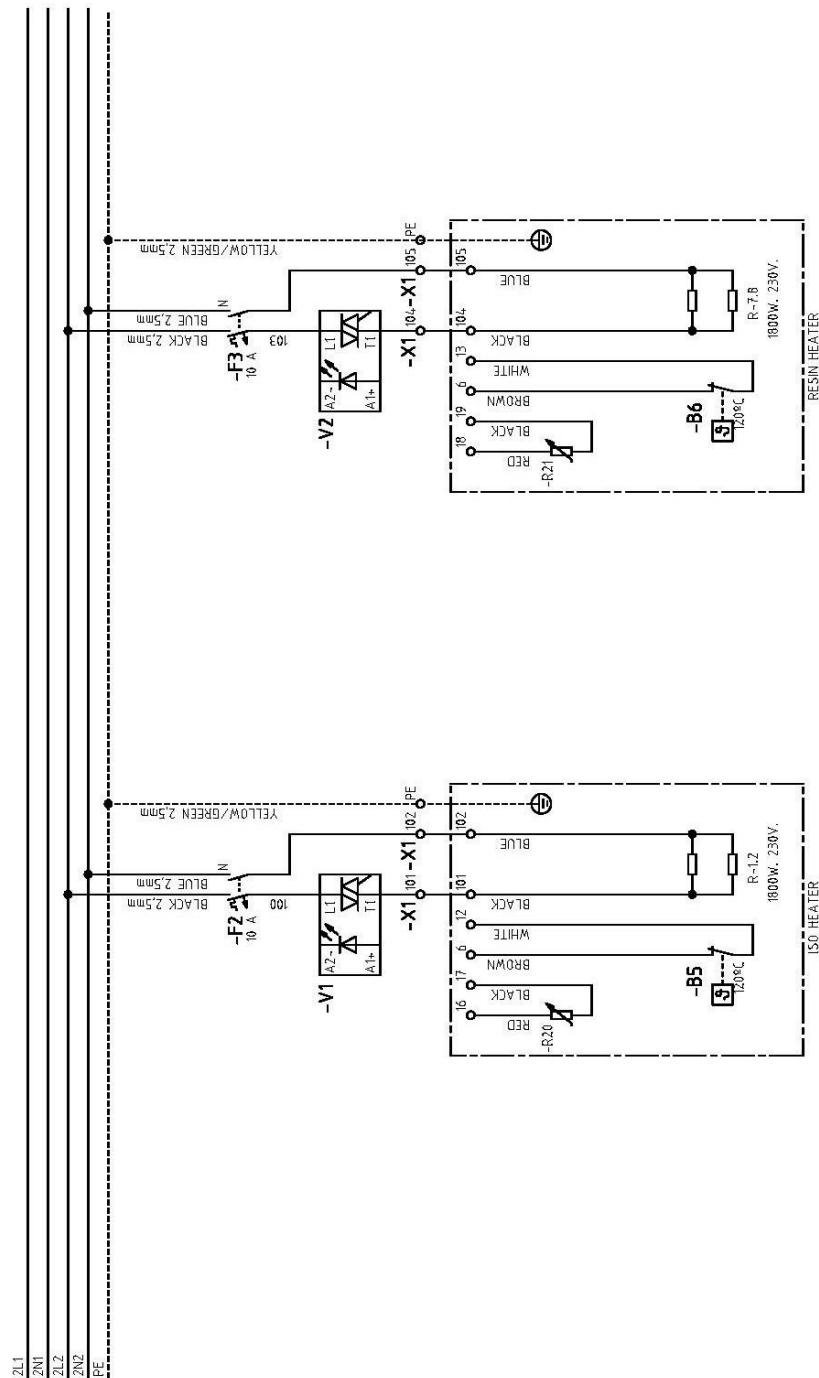


Figure 13. Circuit diagram: 2x 1NPE~230V 50/60Hz standard version (pg.2/7)

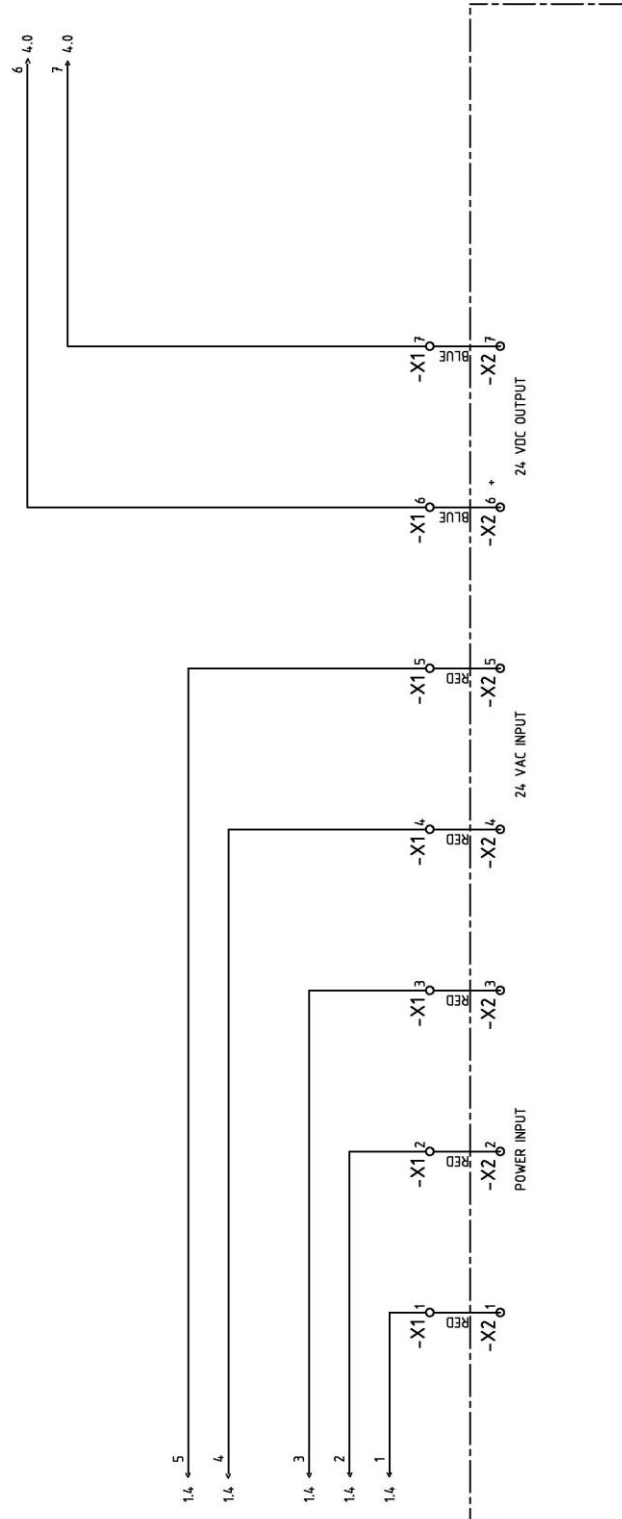


Figure 14. Circuit diagram: 2x 1NPE~230V 50/60Hz standard version (pg.3/7)

Parts Identification

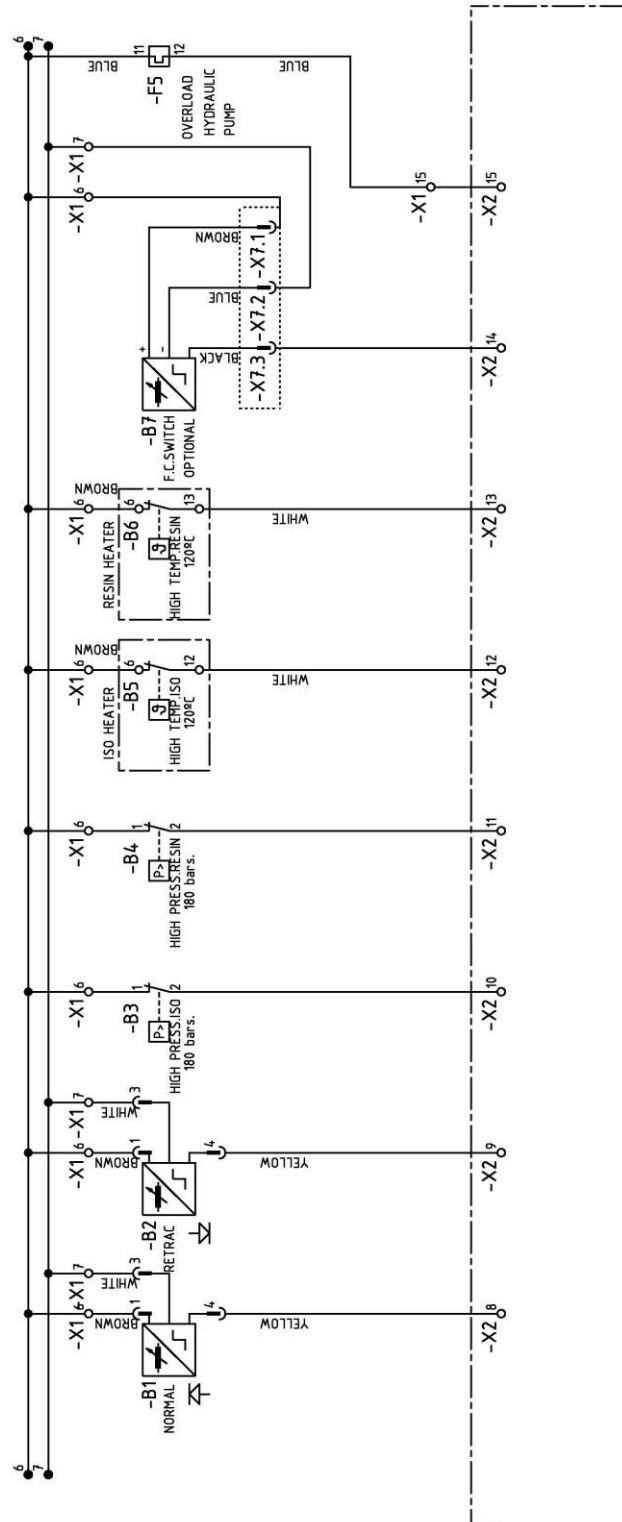


Figure 15. Circuit diagram: 2x 1NPE~230V 50/60Hz standard version (pg.4/7)

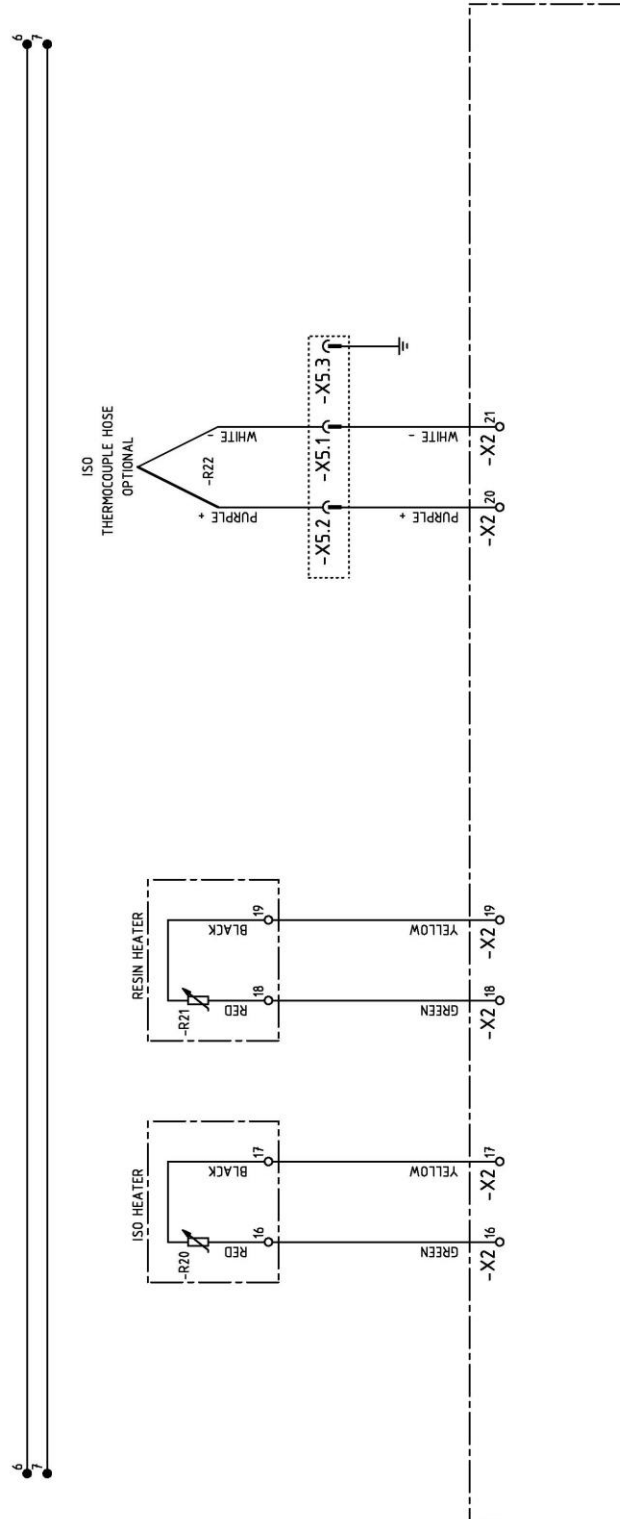


Figure 16. Circuit diagram: 2x 1NPE~230V 50/60Hz standard version (pg.5/7)

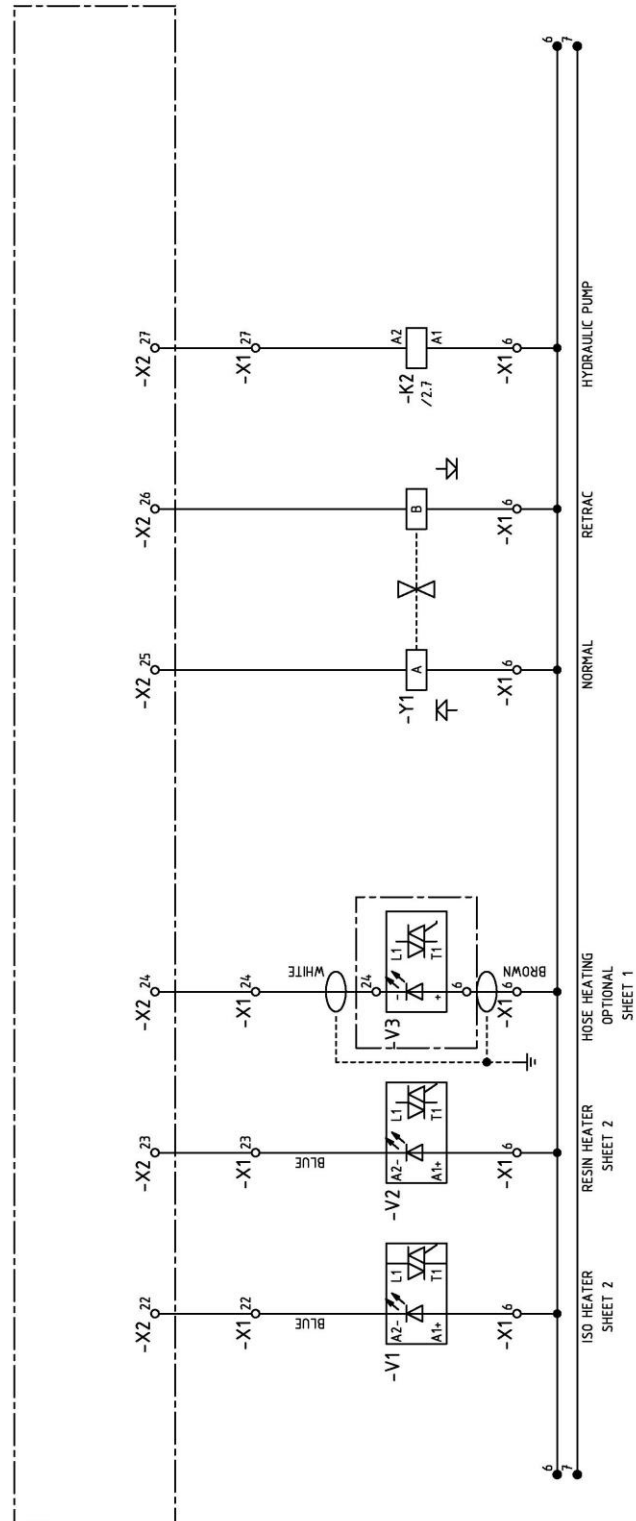


Figure 17. Circuit diagram: 2x 1NPE~230V 50/60Hz standard version (pg 6/7)

Parts Identification

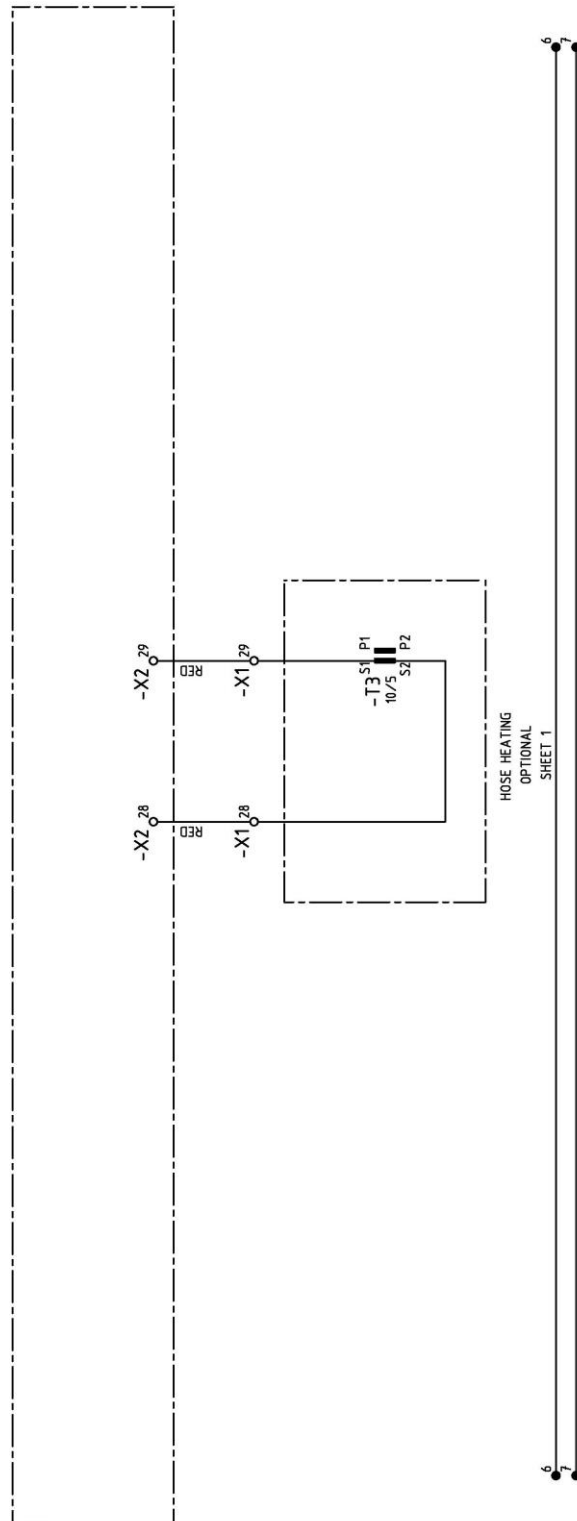


Figure 18. Circuit diagram: 2x 1NPE~230V 50/60Hz standard version (pg.7/7)



Parts Identification

Table 20. List of parts for distribution board 2x 1NPE~230V 50/60Hz version 1, hoses with recirculation.

Pos.	Description	Reference	Qty
X1	Terminal Block.	EL-00105-12	1
I1	Main Switch 63 A	EL-00107-18	1
I1	4th Pole	EL-00107-21	1
I1	Control Switch	EL-00107-19	1
D1	Differential Circuit Breaker 40 A, 30 mA	EL-00108-00	1
F1	Auto Switch 1P+N, 3 A	EL-00109-04	1
F2, F3	Auto Switch 1P+N, 10 A	EL-00111-04	2
F5	Auto Switch 1P+N, 12 A	EL-00119-11	1
	Auto Switch Base Connection	EL-00119-10	2
F10	Fuse Terminal	EL-00104-13	1
	Fuse 3,15 A	EL-00128-02	2
T1	Transformer 63 VA, 230/400 – 24 V	EL-00127-01	1
V1, V2	Solid Relay 12 A, 600 V	EL-00126-09	2
K2	Contactor 7,5 KW, 24 VDC	EL-00121-02	1

Table 21. List of parts for variant distribution board 2x 1NPE~230V 50/60Hz version 2, heated hoses.

Pos.	Description	Reference	Qty
F4	Auto Switch 1P+N, 10 A	EL-00111-06	1
T3	Intensity Transformer 10/5 A	EL-00127-18	1
V3	Solid Relay	EL-00126-10	1

Parts Identification

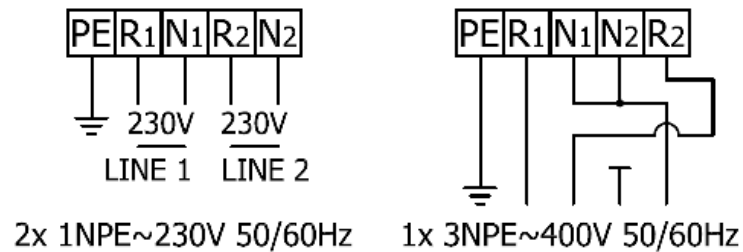
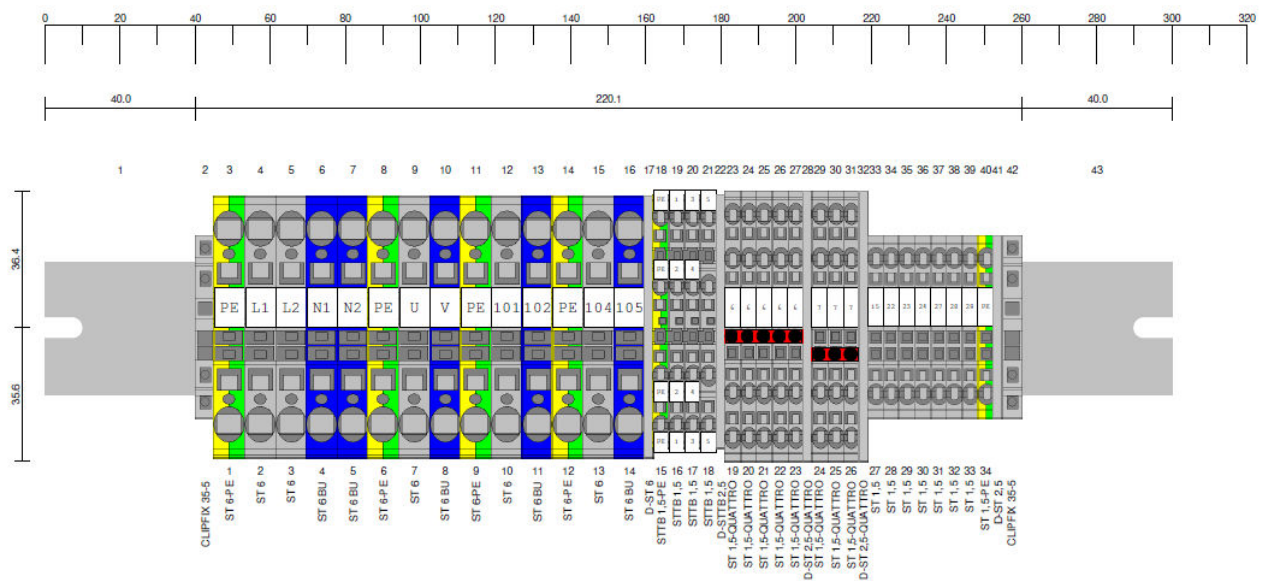


Figure 19. Optional Connections





PNEUMATIC CIRCUIT

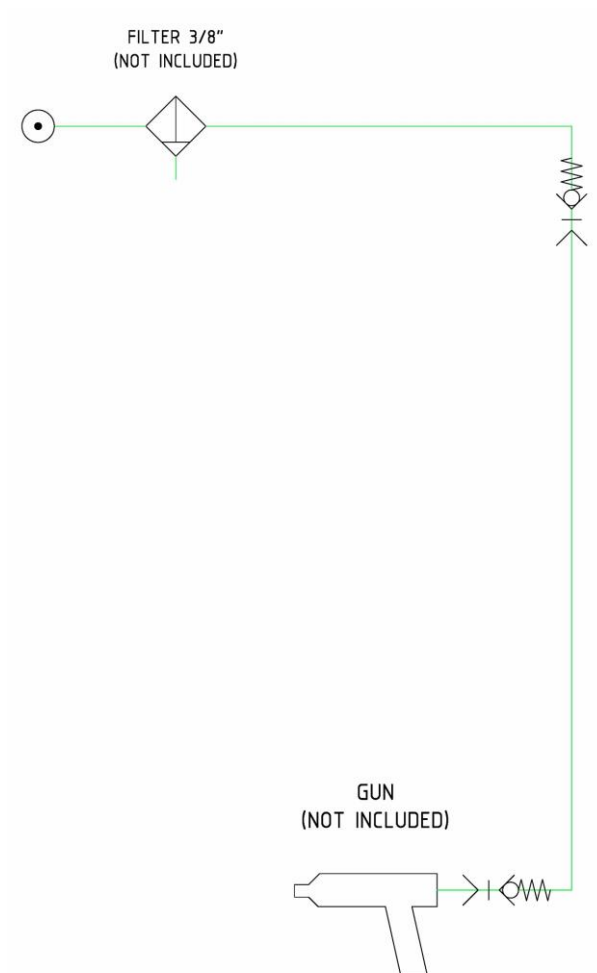


Figure 21. Pneumatic circuit

HYDRAULIC CIRCUIT

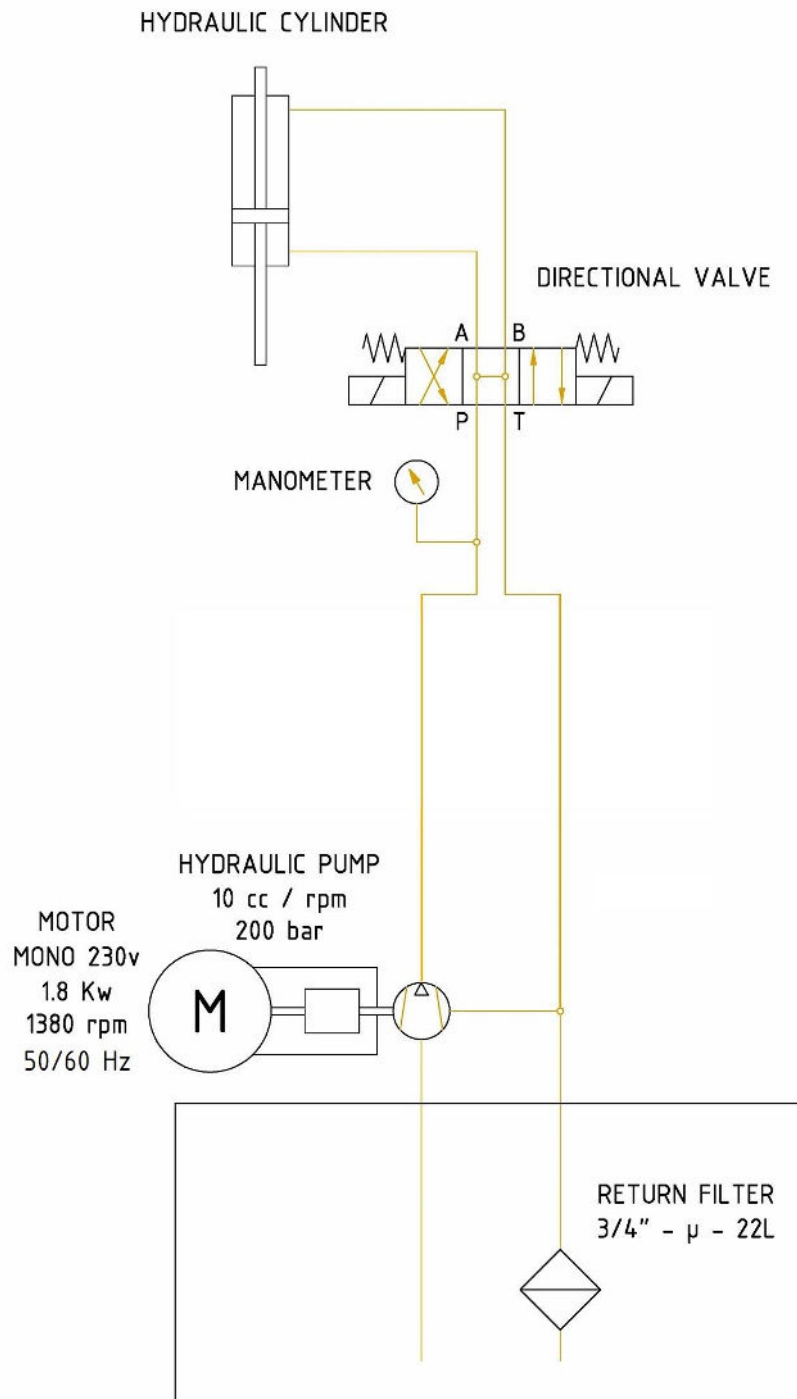


Figure 22. Hydraulic circuit

FUNCTIONAL DIAGRAM STANDARD MODEL

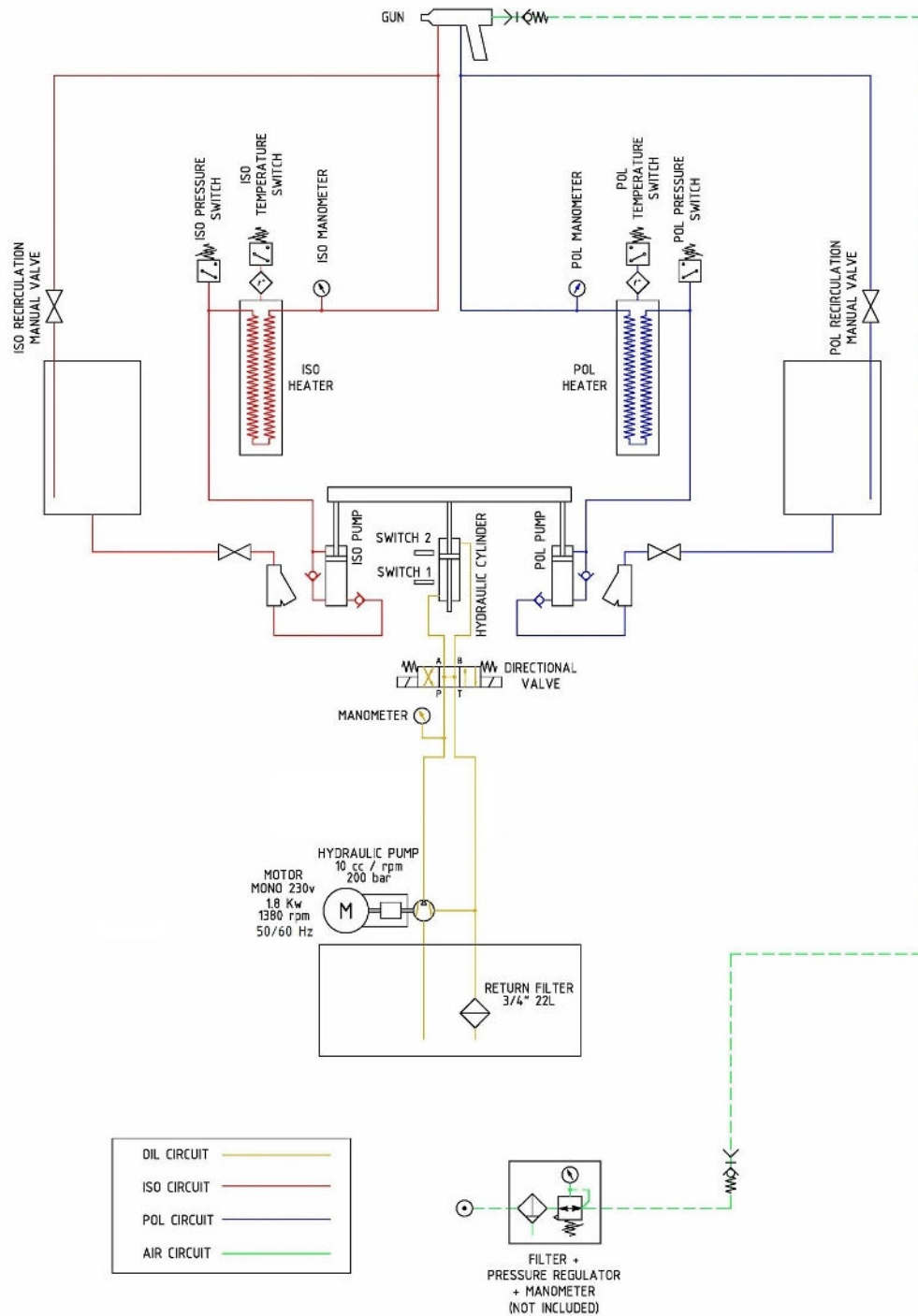


Figure 23. Functional diagram standard model

FUNCTIONAL DIAGRAM HEATED HOSE MODEL

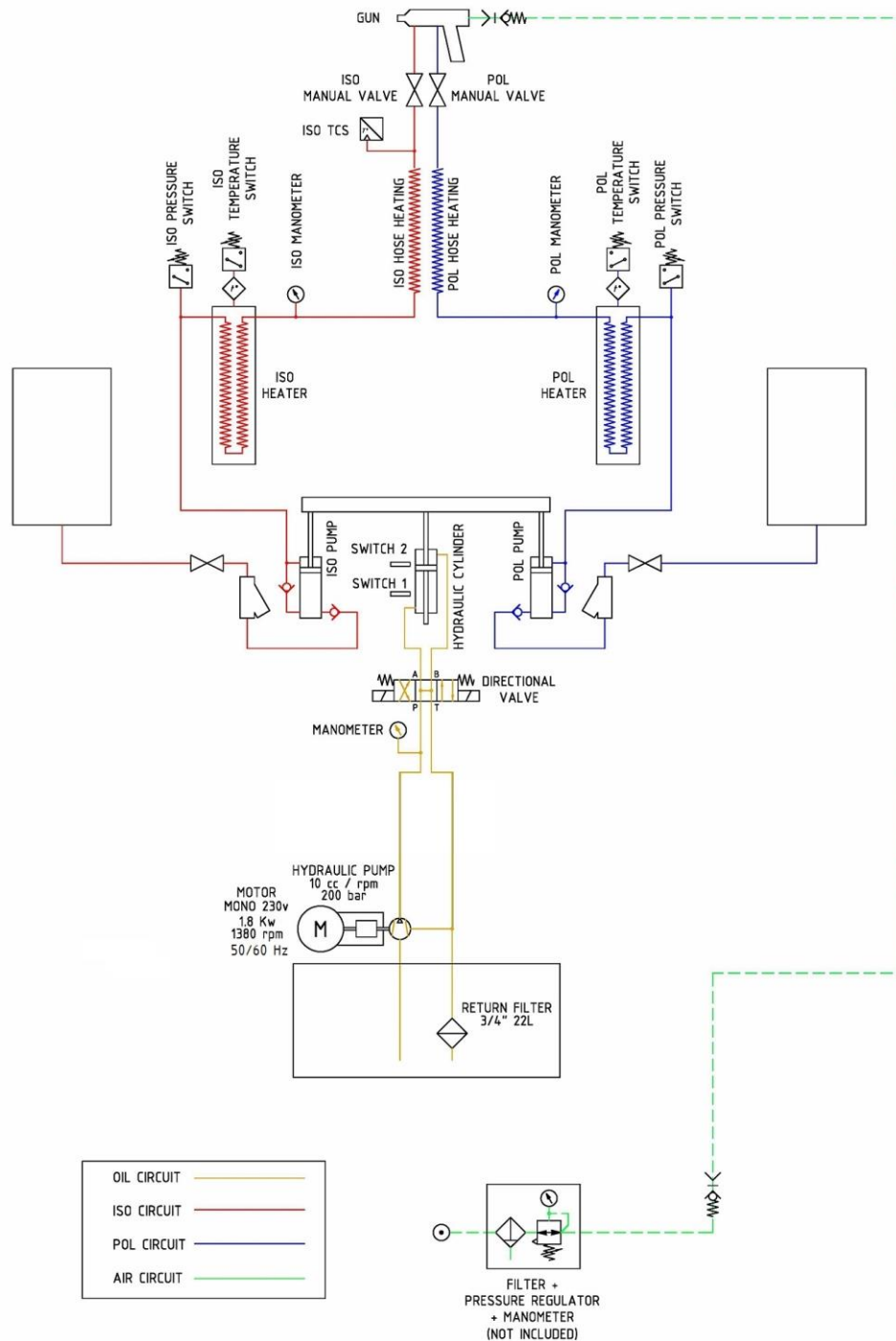


Figure 24. Functional diagram heated hose model



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