



Parts Manual P600-V-HPU-66



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P600-V PARTS MANUAL

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This publication is to be used for the standard version of the equipment only. **PILECO inc.** cannot be held responsible for any damage resulting from the application of this publication to the version delivered to you.

For extra information as to adjustments, maintenance and repair, please contact the technical department of your supplier.

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Remark:

Hydraulic fittings are coded according to the Parker Hannifin standard, translation can be found in the Parker 4100-7 "Industrial Tube Fittings Europe" manual

IMPORTANT:

Important safety instructions are marked as shown below:

CAUTION



*The meaning of this safety warning is as follows:
Attention! Become alert! Your safety is involved.*

If this situation is not avoided, it MAY result in minor or moderate injury.

WARNING



*The meaning of this safety warning is as follows:
Attention! Become alert! Your safety is involved.*

If this situation is not avoided, it COULD result in injury or even death.

DANGER



*The meaning of this safety warning is as follows:
Attention! Become alert! Your safety is involved.*

If this situation is not avoided, it WILL result in injury or even death.

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1. Preface

This parts manual has been written for the users of **PILECO inc.** hydraulic power units. The parts manual explains which parts are used in the hydraulic power unit. If needed parts can be looked up in the parts manual for reordering.

One copy of the part manual will be delivered with the hydraulic power pack. The document should be stored in a safe place. If needed an extra copy can be ordered at your local dealer.

For ordering of parts model number, equipment serial number and part number are needed.

Please have these numbers when ordering the parts.

If problems arise which are beyond the scope of this manual, please contact your dealer. They are prepared to assist you to make the best use of your equipment.

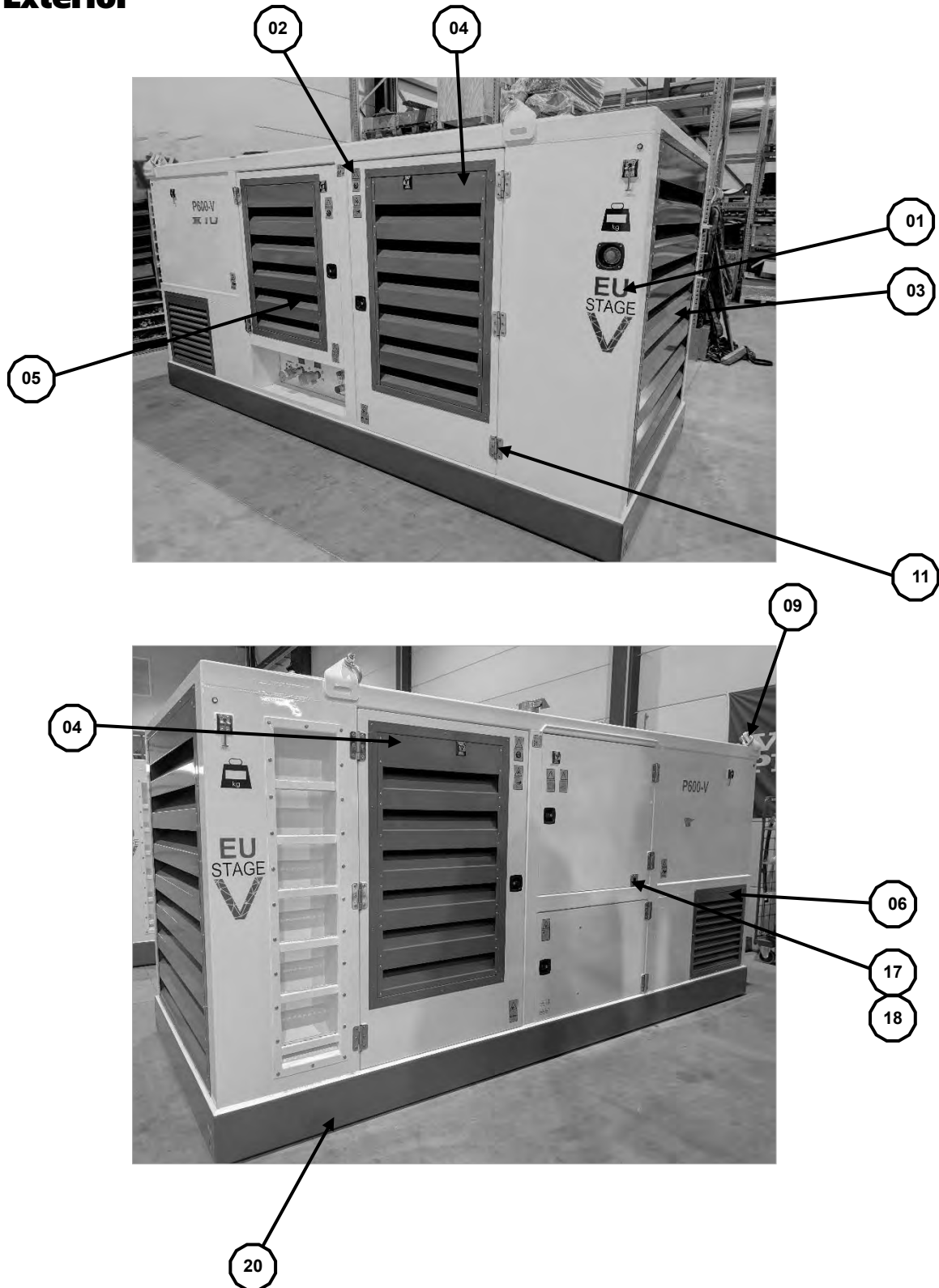
Please have the following at hand:

Model:	P600-V
Serial number:	P600-V-HPU-066
Year Of manufacture:	2025
Revision:	-

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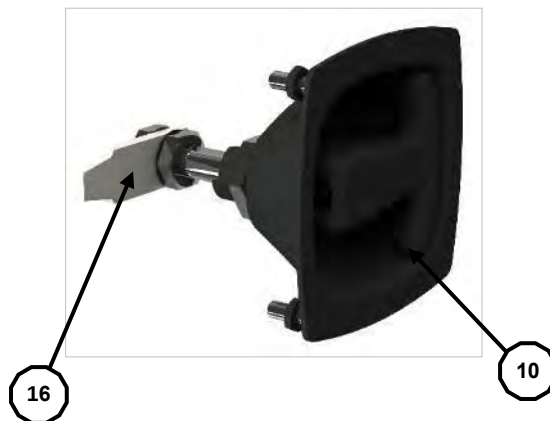
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2. Exterior



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HPU Exterior				
Item	QTY	Description	Part no.	
01	1	Logo Stage V	1000196	
02	1	CE Marking sticker set	1000230	
03	1	Air vent 1500 x 1700	1000737	
04	2	Air vent 800 x 1300	1000738	
05	1	Air vent 800 x 1100	1000739	
06	2	Air vent 700 x 620	1000262	
07	1	Air vent 1590 x 620	1000746	
08	4	Door holder set	1000286	
09	4	H-Shackle	1000264	
10	5	Door lock	1000125	
11	10	Door hinge spacer	1000123	
12	10	Door hinge	1000094	
13	1	Rain cap Stainless	1000704	
14	1	Emergency stop button complete	1000142	
15	4	Warning lights	1000235	
16	5	Lock plate	1000268	
17	1	Cable feedthrough gasket	1000127	
18	1	Cable feedthrough cover	1000126	
19	40	Door seal-clamp profile	1000332	(order by meter)
20	1	Frame complete	1001244	



1000332 - Door seal-clamp profile

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Figure 1 (04) work light 1000319



Figure 2 Sound insulation set 1000736



Figure 3 mains relay 1000277

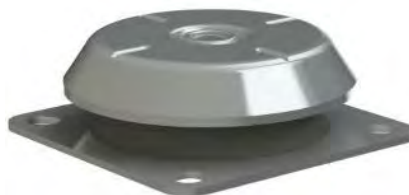


Figure 4 Engine Vibration damper 1000694

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Figure 5 cooler Vibration damper 1000100

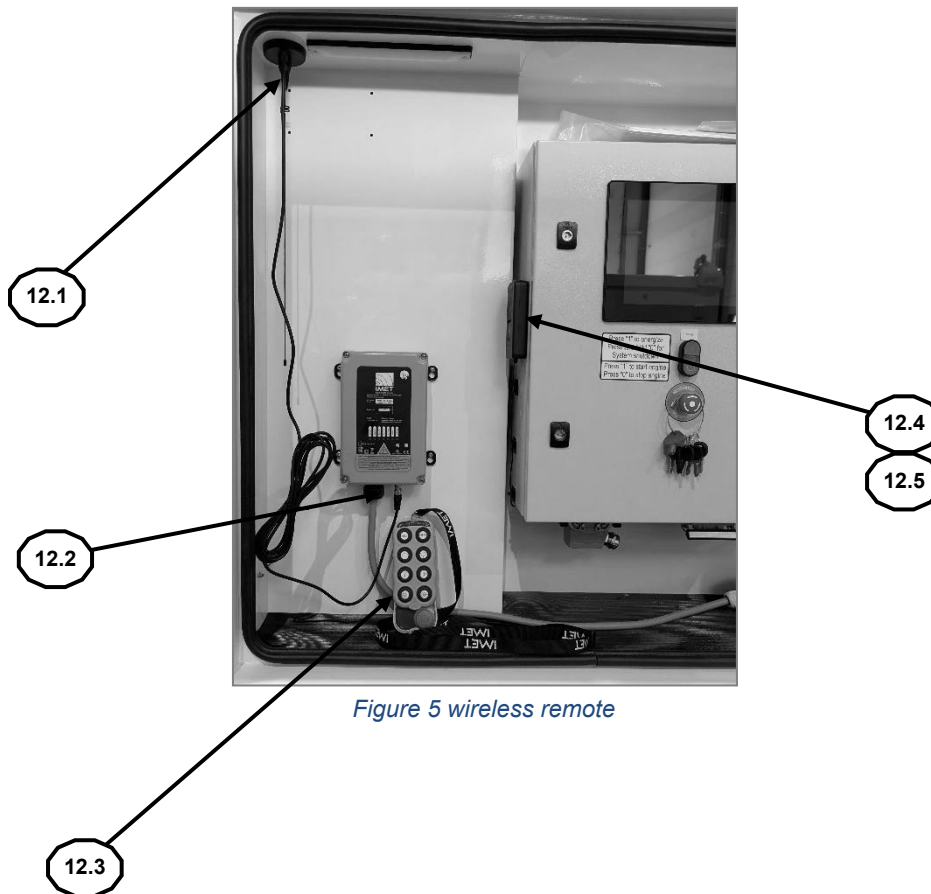


Figure 5 wireless remote

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HPU Interior				
Item	QTY	Description	Part no.	
01	1	Cat C13	1001245	
02	1	Exhaust Insulation kit	1000762	
03	1	Control panel	1000712	
04	3	Work light LED 10-30VDC/15W	1000319	
05	4	Vibration damper	1000694	
06	2	Starter Battery	1000136	
07	1	Sound Insulation -HPU	1000736	(Only as set)
08	1	Panel Light LED 12/24V 3,5W	1000320	
09	1	Mains Relay	1000277	
10	1	Exhaust rain cap	1000704	
11	1	Manual pump hydraulic oil	1000575	
12	1	Radio remote set	1000698	
12.1	1	High gain antenna	1001322-1	
12.2	1	Remote receiver	1001322-2	
12.3	1	Remote transmitter	1001322-3	
12.4	1	Battery charger	1001322-4	
12.5	1	Replacement battery	1000791	
13	1	Cable remote control	1000712-rem.	
14	1	Level Gauge	1000420	
15	1	Fuel Filler cap	1000241	
16	4	Motor vibration damper	1000694	
17	2	Radiator vibration damper	1000100	

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5. Hydraulic

Drive pump

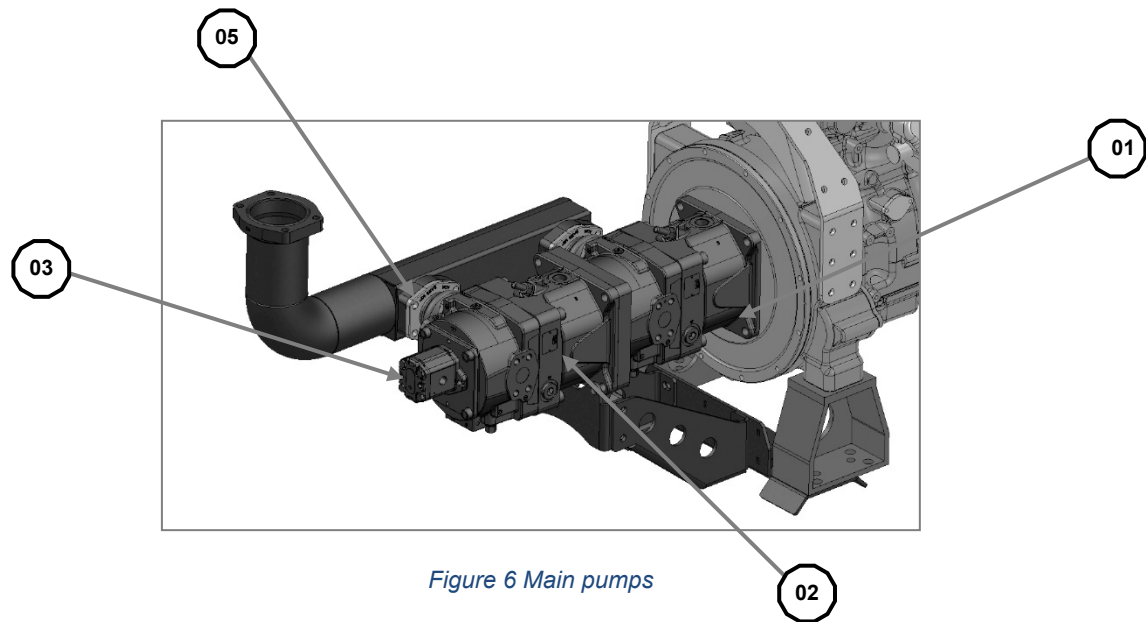


Figure 6 Main pumps

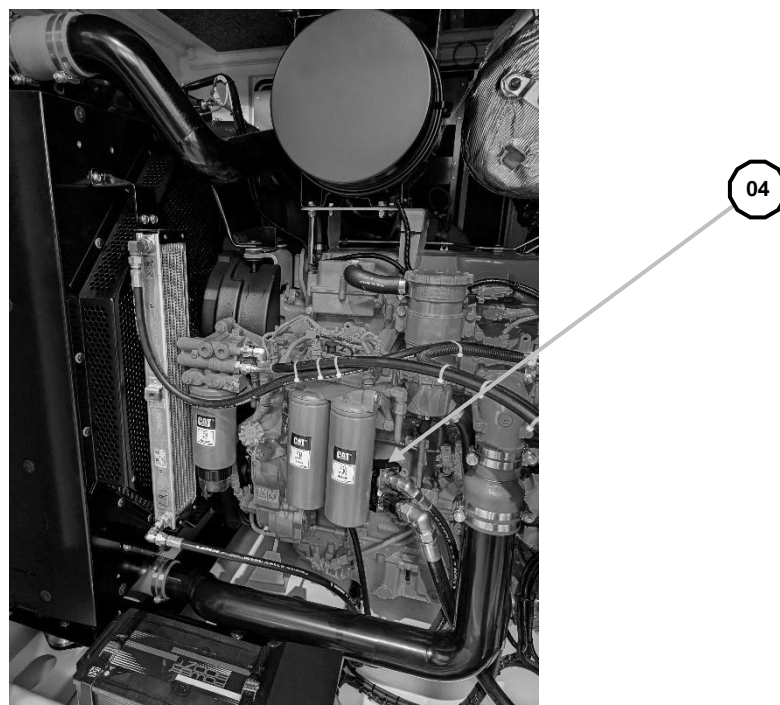
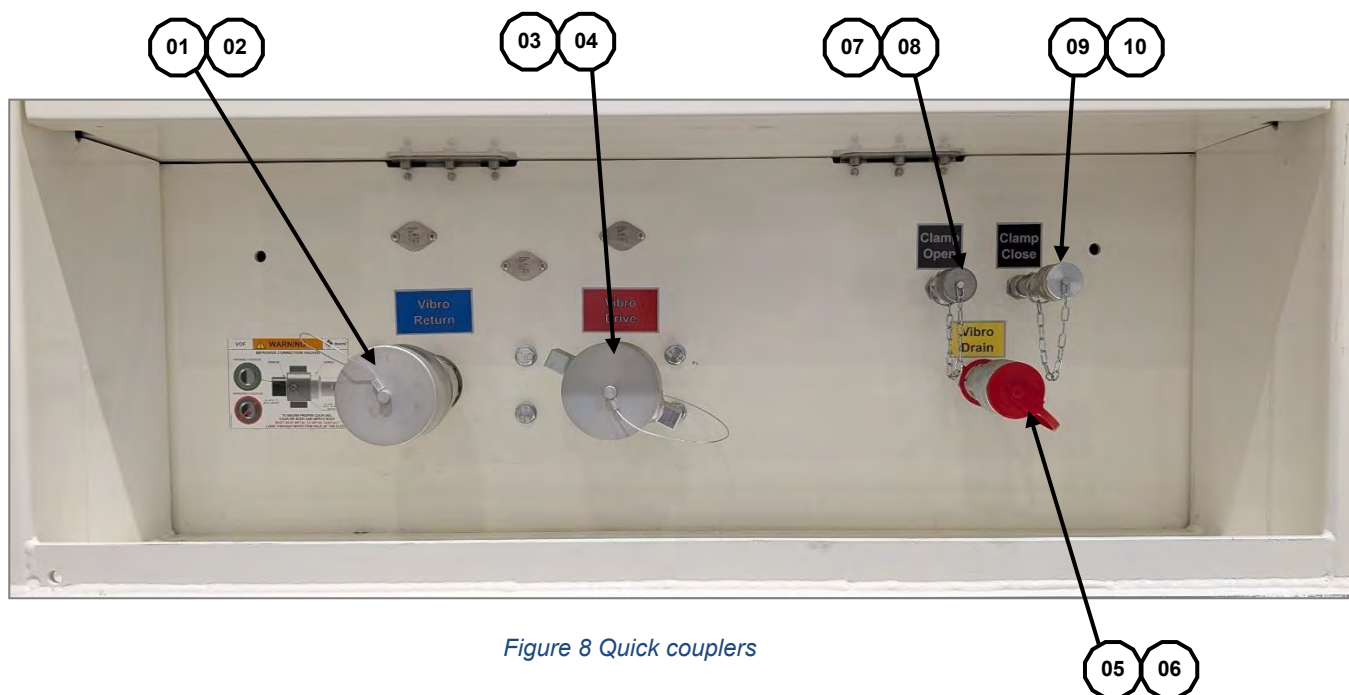


Figure 7 Clamp pump

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Pump set				
Item	QTY	Description	Part no.	
1	1	D1P 260 pump Front	1001247	Main pump
2	1	D1P 260 pump Rear	1001246	Main pump
3	1	Gear pump 17 CC	1000709	Cooler fan pump
4	1	Piston Pump 18cc	1000708	Clamp pump
5	2	Flex compensator	1000972	

Quick couplers



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Pump Coupler

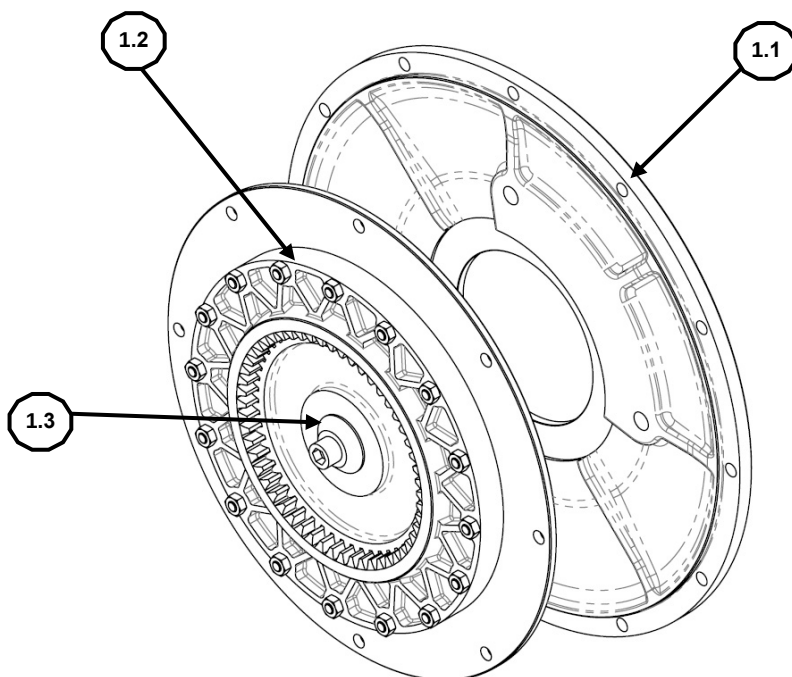


Figure 11 Motor/pump coupling

01	1	Pump coupler	1001257
1.1		Fly wheel adapter plate/coupler	
1.2		Damper	
1.3		Pump adapter	

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Clamp pump

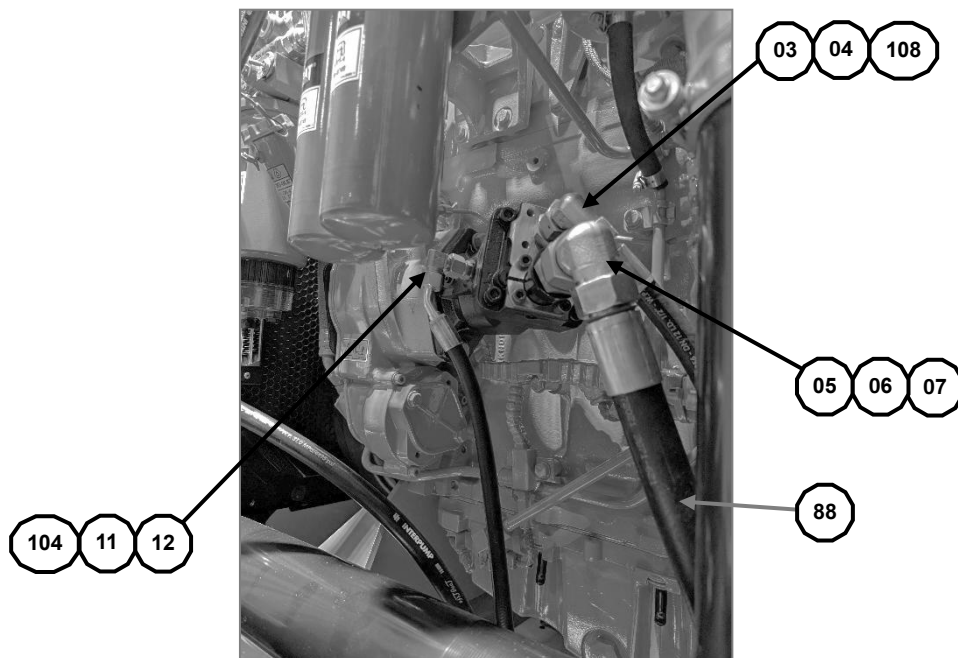


Figure 12 Clamp pump

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Item	QTY	Description	Part no.
01	1	GE28LM33x2EDOMD	1000466
03	1	GE16S11/16UNFOMD	1000766
04	1	EW16SROMD	1000790
05	1	GE28LROMD	1000180
06	3	EW28LOMD	1000172
07	1	Adapter flange 1"	1000722
08	1	GE12L9/16UNF	1000625
09	5	EW12LOMD	1000203
10	1	GE12LM14x1.5EDOMD	1000441
11	2	ET12LOMD	1000216
12	1	VKA3/12L	1000423
13	2	FHS66	1000475
14	1	Check valve	1001053
15	2	GE18LR1/2EDOMD	1000202
16	3	EW18LOMD	

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Item	QTY	Description	Part no.
41	1	Pipe 15x2 mm L=340 chamfer 45 deg	
42	1	GE15LR3 4EDOMD	1000431
43	5	GE12LR1 4EDOMD	1000208
44	1	10C50MX-S	1000996
45	1	10F50MX-S	1000997
46	3	GE38SREDOMD	1000536
47	2	EW38SOMD	1000537
48	3	GE42LROMD	1000167
49	2	EW42LROMD	1000169
50	1	EL22LOMD	1000477
51	2	SV22LOMD	1000729
52	2	EW22LOMD	1000189
53	2	S22L	1000783
54	2	M22L	1000784
55	1	Pipe 22x2 L= 400</	

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Item	QTY	Description	Part no.
99	1	Hose 1 1/2" 2SN-42L-42L45 L=1030	1001336
100	1	Hose 1 1/2" 2SN-42L-42L90 L=840	1001337
101	1	Hose 1" 2SN-28L-28L90 L=1000	1001338
102	1	Hose 3/4" 2SN-22L-22L90 L=1350	1001339
103	1	Hose 3/4" 2SN-22L-22L90 L=1060	1001340
104	1	Hose 3/8" 2SN-12L-12L45 L=4380	1001341
105	1	Hose 3/8" 2SN-12L-12L45 L=1360	1001342
106	1	Hose 3/8" 2SN-12L-12L L=650	1001343
107	1	Hose 5/8" 2SN-J7/8-J7/8-45 L=1380	1001344
108	1	Hose 5/8" R15-16S-16S L=1800	1001345
109	1	EV42LOMD	1000724

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Vibro manifold

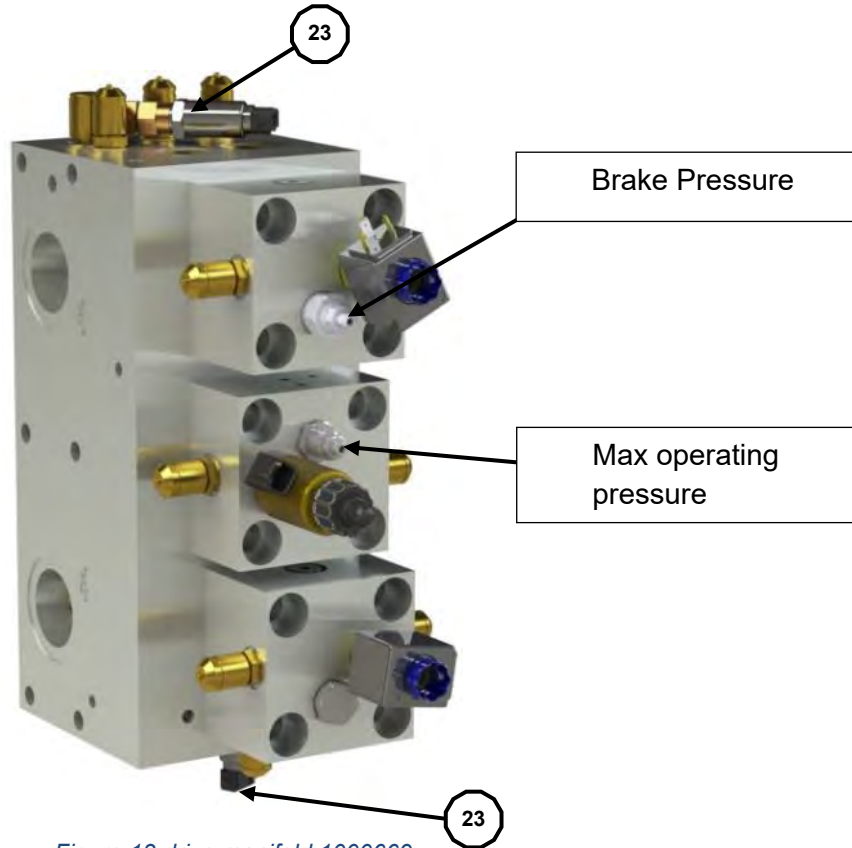


Figure 13 drive manifold 1000669

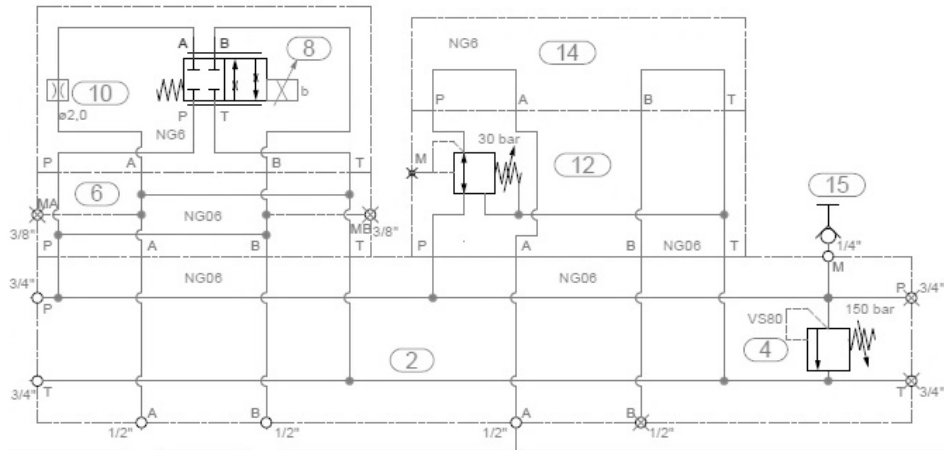
DANGER



Never adjust hydraulic settings without consulting your dealer

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Cooler manifold



Parts list Cooler manifold 1000158

Item	QTY	Description	Part no.
2	1	Manifold body	1000158_3110-EM253/2Z
4	1	Relief valve	1000158_3110-VS80-

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Electrical				
Item	QTY	Description	Part no.	
01	1	Pressure sensor 400 bar	1000701	
01	1	Pressure sensor 6 bar	1000702	For return filter
02	1	Connector 3 Pin	1000554	
03	3	Connector pin	1000555	
04	1	Protective sleeve	1000556	
05	1	Temperature sensor	1000201	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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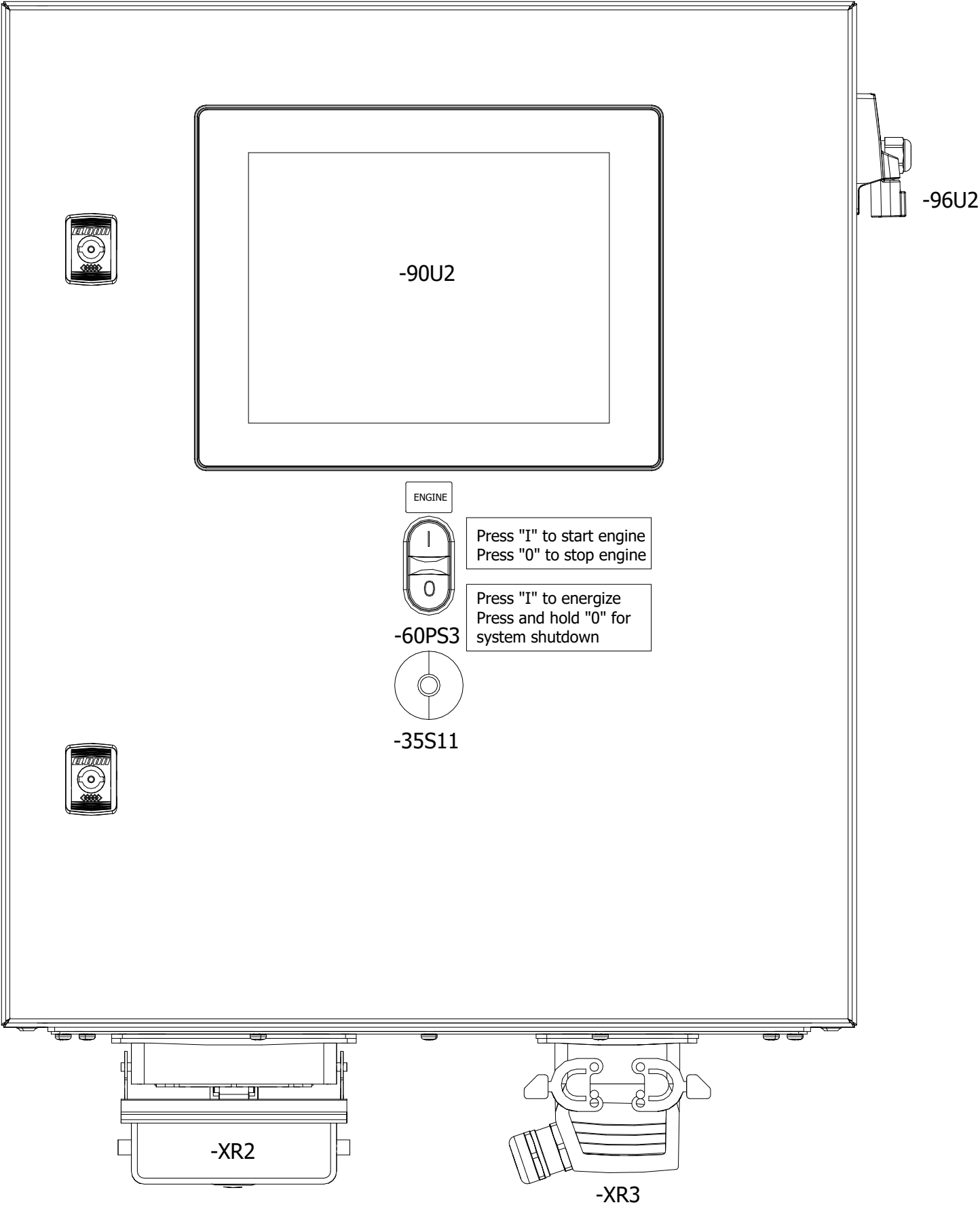
Page	Page Description	Doc. Type	Revision	Date	Edited by
315	Control circuit diagram - XC43 C2 I/O Outputs	ELD	D.1	14-02-2022	L.J. Kleisen
801	Parts List	PL	D.1	14-02-2022	L.J. Kleisen
802	Parts List	PL	D.1	14-02-2022	L.J. Kleisen
811	Summarized Parts List	SPL	D.1	14-02-2022	L.J. Kleisen
911	Cable Connection List	CCL	D.3	09-05-2022	L.J. Kleisen
912	Cable Connection List	CCL	D.3	09-05-2022	L.J. Kleisen
913	Cable Connection List	CCL	D.3	09-05-2022	L.J. Kleisen
914	Cable Connection List	CCL	D.3	09-05-2022	L.J. Kleisen
915	Cable Connection List	CCL	D.3	09-05-2022	L.J. Kleisen

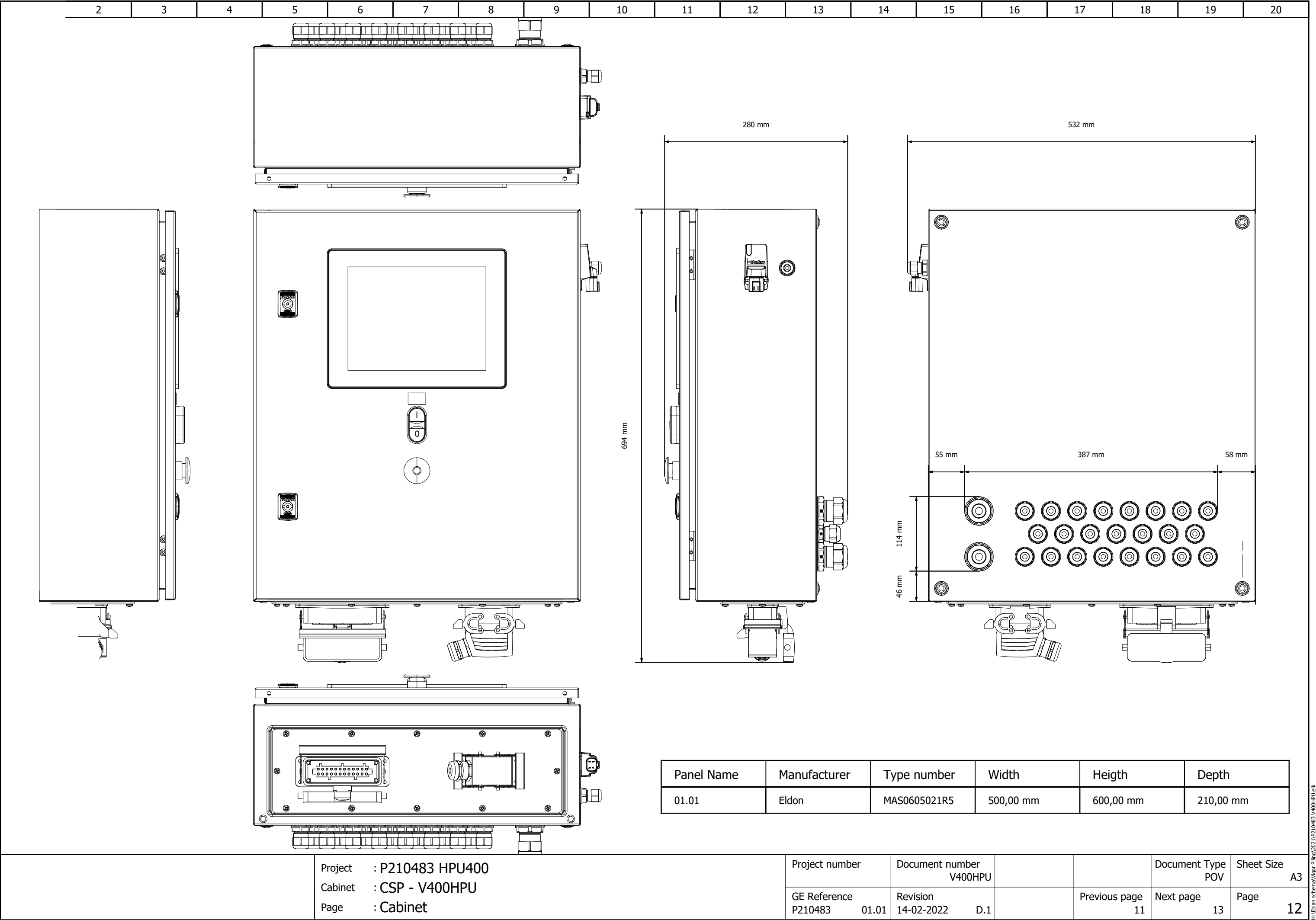
Clarifications and Final Check

Supply Voltage	Internally generated Voltage	Frequency	Others	Site conditions	Ambient Temperature	Installation report cabinet
☒ 24 VDC ☐ 230 VAC ☐ 3 x 400 VAC ☐ 3 x 440 VAC ☐ Neutral ☐ Other; ☐ 24 VDC ☐ 24 VAC ☐ 110 VAC ☐ 230 VAC ☐ 230 VAC ☐ Other; ☐ 50 Hz ☐ 60 Hz ☐ Other; Current:30 A Weight:40 kg Short-circuit current (Ic):25 kA Power system: ☒ Inside ☐ Outside ☐ Non-Ex ☐ Ex ☐ H²S ☐ Other; Outside: °C Inside cabinet: °C						

This control cabinet is completely checked for transport and installation. It is possible during transport and installation that failures are generated. Before starting up the installation, the installer must check the complete installation, cable works and control cabinet for failures

Important! Check all the connections
Prevent the contactors from becoming dusty





Panel Name	Manufacturer	Type number	Width	Heigth	Depth
01.01	Eldon	MAS0605021R5	500,00 mm	600,00 mm	210,00 mm

	Project : P210483 HPU400 Cabinet : CSP - V400HPU Page : Cabinet	Project number	Document number V400HPU			Document Type POV	Sheet Size A3
		GE Reference P210483 01.01	Revision 14-02-2022 D.1		Previous page 11	Next page 13	Page 12

