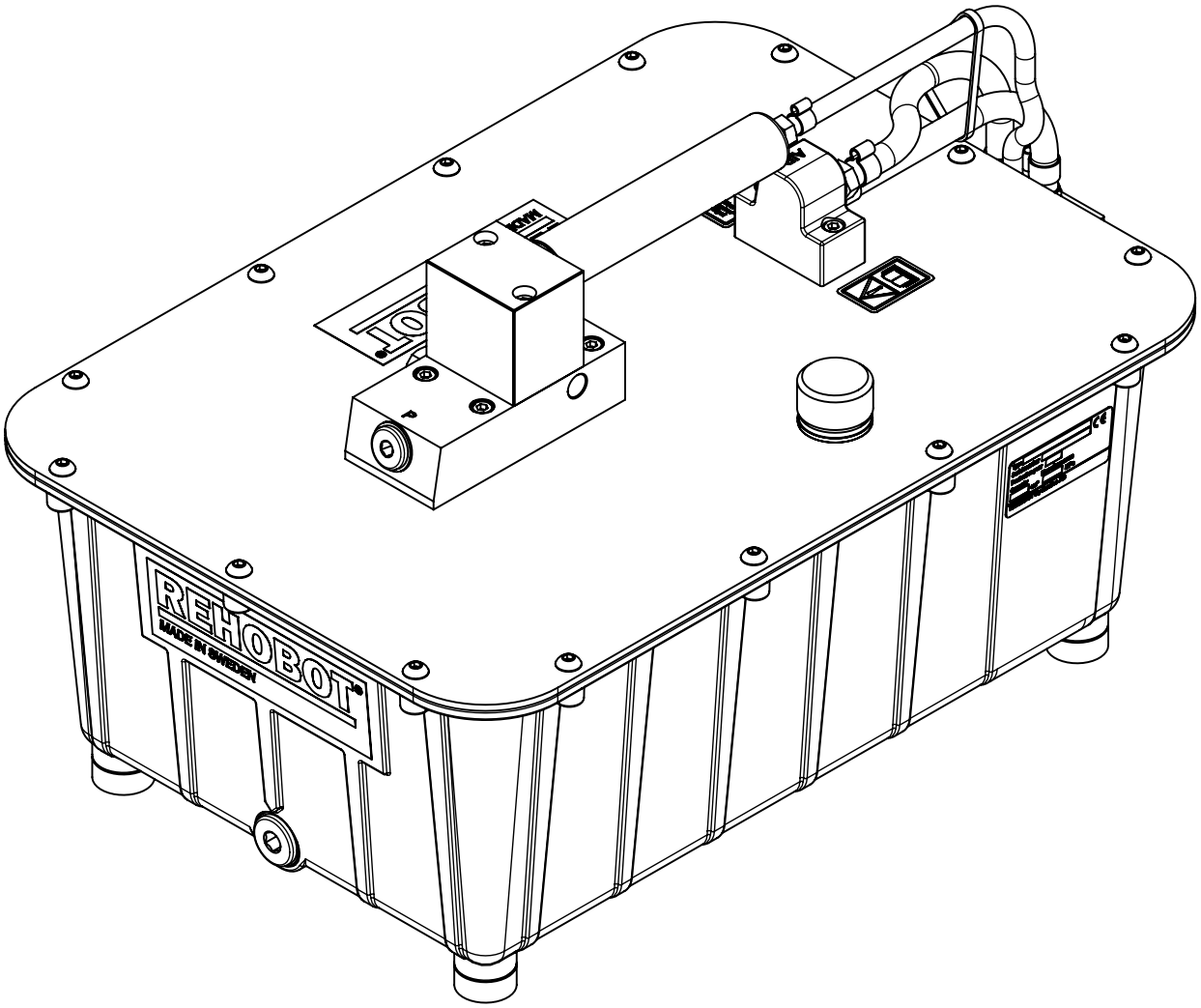
REHOBOT®

MADE IN SWEDEN

INSTRUCTIONS

PP70/80 - 9200RC



PP70/80 - 9200RC

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Thank you for the faith you have shown in us by choosing a REHOBOT product. REHOBOT stands for products of high quality and it is our hope that you will be able to use this product for many years.

To avoid functional disturbances, we recommend that you read these instructions thoroughly before using the product.

Technical description (Fig. 1)

Max. working pressure:	
PP70-9200RC (/VA80)	70 MPa (700 bar, 10150 psi)
PP80-9200RC	80 MPa (800 bar, 11600 psi)
Required air pressure:	0,65-1,0 MPa (6,5-10 bar, 94-145 psi)
Capacity:	
PP70-9200RC (/VA80)	1070-200 cm^3/min. (65-12 in^3/min)
PP80-9200RC	710-130 cm^3/min. (43-8 in^3/min)
Total oil capacity:	9400 cm^3 (573.6 in^3)
Effective oil capacity:	9200 cm^3 (561.4 in^3)
Weight inc. oil:	
PP70/80-9200RC	20 kg (44.1 lbs)
PP70-9200RC/VA80	28,3 kg (62,4 lbs)

All -9200RC models are equipped with a dipstick for easy control of oil level.

PP70/80-9200RC is equipped with a remote control. This has two buttons that allow remote operation of the pump start/stop and release. PP70-9200RC/VA80 is also equipped with four VA80 shut off valves and a pressure gauge (Fig. 2, pos. V)

Safety feature

The pump is equipped with a safety valve that regulates the output pressure. The safety valve is set to the maximum working pressure at the factory.

Installation

Connecting compressed air
The pump requires a compressed air pressure of at least 0,6 MPa (6 bar, 87 psi) to develop hydraulic pressures of 70 MPa (700bar, 10150 psi) and 80 MPa (800 bar, 11,600 psi). Make sure that the air pressure does not exceed 1,0 MPa (10 bar, 145 psi) as this could damage the pump. To ensure efficient operation and long life use clean compressed air with a water trap. Connect the compressed air line using a G 1/4" coupling, as shown in Fig. 2, item A.

Connecting the hydraulic hose
Connect the hydraulic hose using a G 1/4" coupling (Fig. 2, item P) or use REHOBOT quick couplings.

Bleeding the hydraulic system

When hoses or tools are connected to the pump they can introduce air into the hydraulic system, which could lead to operating problems. Bleed the system by running the tool or cylinder through 3–4 cycles (by pumping out until fully extended, then releasing) with no load. Make sure that the tool or cylinder is kept lower than the pump to allow the air to flow back into the oil reservoir of the pump. It may be necessary to top up the oil depending on the volume of air in the connected hoses or tool, see Filling with oil.

Operation

Before pumping, the transport plug should be replaced with the supplied vented oil plug, see Fig. 3.

NOTE! Ensure that the transport plug with sealing washer is mounted before transporting the pump.

Starting
Press the start/stop button (Fig. 4, item P) on the control unit. The pump will stop and maintain the achieved hydraulic pressure when the start/stop button is released.

Releasing
Press the return button (Fig. 4, item R). Hold the button in until the cylinder has moved back to the desired position.

NOTE! If the pump is overfilled when pressure is released from cylinder/tool, the excess oil will pour out through the vented oil plug.

Accessories

The pump can be equipped with accessories such as a REHOBOT gauge AMT801 (Fig. 2, item M), gauge adapter, etc. It is possible to connect a return pipe. All rams, accessories, and tools that are connected to the pump must be designed for a working pressure that is equal to or higher than the maximum working pressure of the pump. NOTE! The pump is equipped with a safety valve on the hydraulic side. It has been factory-set for maximum working pressure. The safety valve should ONLY be adjusted by REHOBOT or a workshop authorized by REHOBOT. For simple reduction of the hydraulic pressure, we recommend you to use a reduction valve for incoming compressed air.

Maintenance

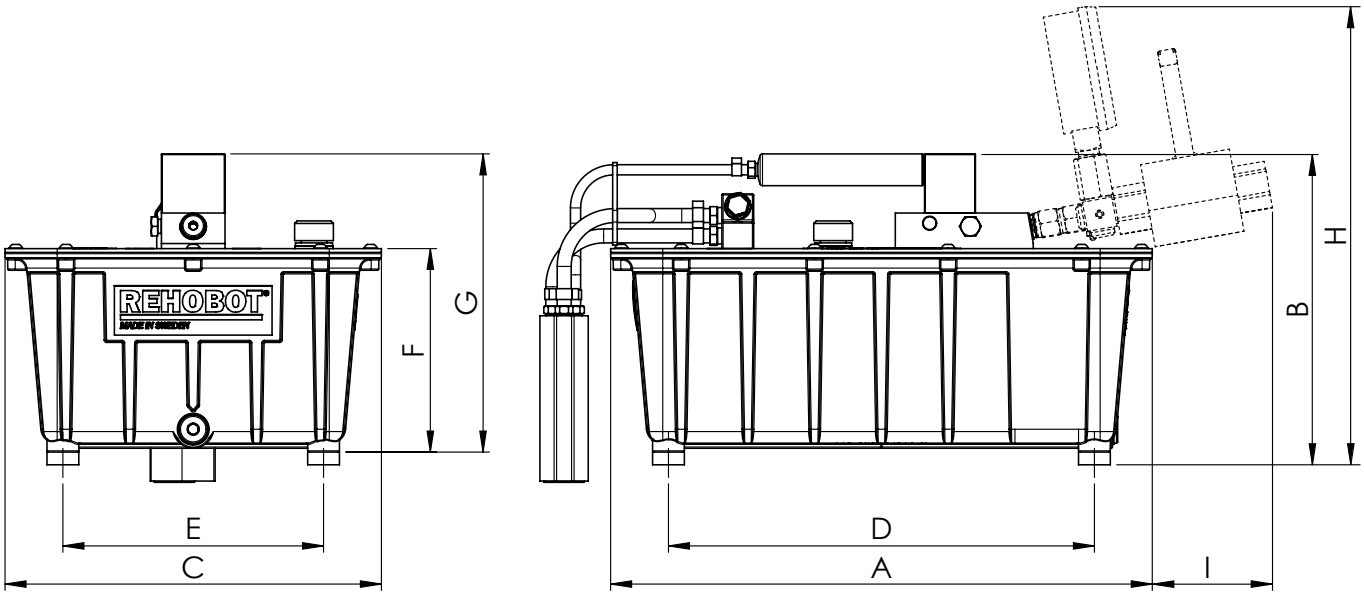
When necessary lubricate moving parts such as the pneumatic piston and valve with high-grade grease.

Service

For safety reasons it is important that all service and repair work is carried out by trained personnel. If you are in the slightest doubt please contact your dealer for information about the nearest authorised service agent.

Filling with oil
Check the oil level before use. This is easily done using the dipstick on the oil filler plug. Always measure the oil level with the cylinder or tool in the lowest or retracted position. To ensure efficient operation use hydraulic oil that conforms to ISO VG 10.

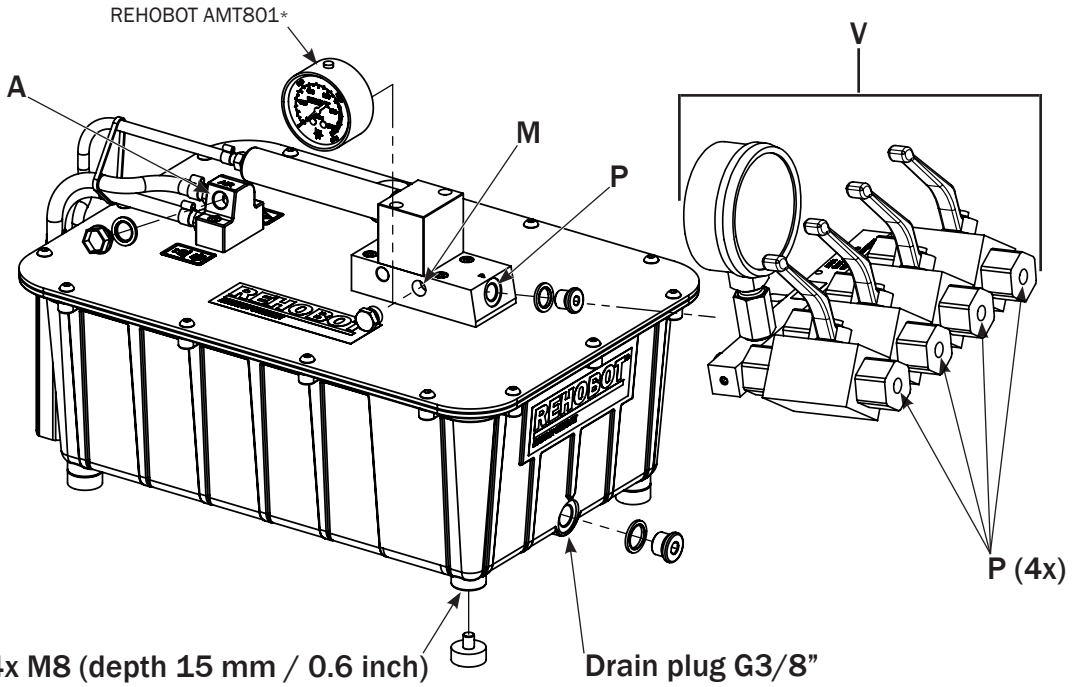
- Place the pump on a planar surface (Fig. 5).
- Unscrew the oil filler plug (Fig. 5, item A).
- Fill the oil reservoir through the filler hole until the oil level is 35 mm (1.38 in) measured from the upper edge of the lid. Check that the oil level does not exceed the top mark on the dipstick (Fig. 5, item B).
- Screw the oil filler plug back into place.



	A	B	C	D	E	F	G	H*	I*
mm	426	245	296	335	205	160	235	373	104
inch	16.8	9.8	11.7	13.2	8.1	6.3	9.3	14.7	4.1

**) PP70-9200RC/VA80*

Fig. 1



** säljes separat/ selges separat/ sælges separat/myydään erikseen/ sold separately/ separat erhältlich/ vendu séparément/ afzonderlijk verkocht/ venduto separatamente/ se vende por separado/ vendido separadamente*

Fig. 2

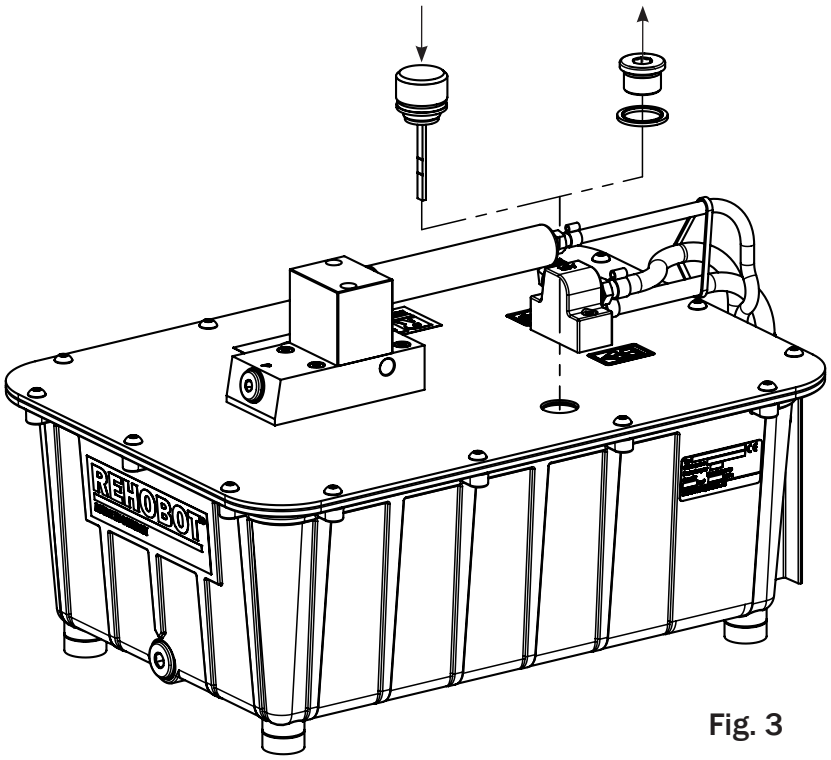


Fig. 3

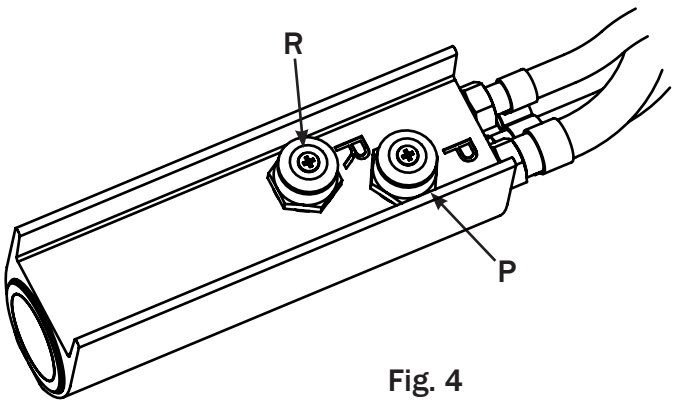


Fig. 4

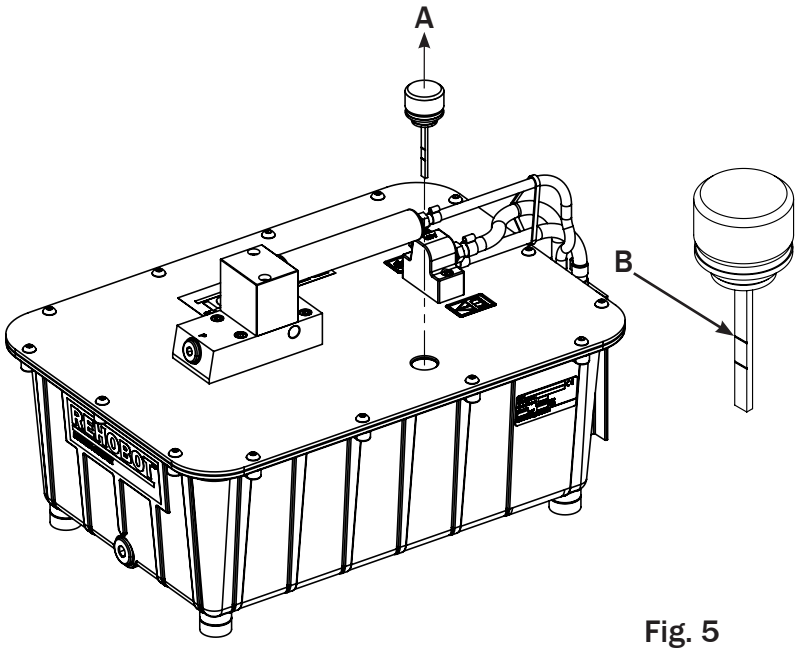


Fig. 5