



PPxx-1000 - AIR HYDRAULIC PUMPS

PPxx-1000 air hydraulic pumps are compact pumps that operate in any position, horizontally or vertically. The pumps can easily be operated by hand or foot.

- High oil flow.
- Easy to fill & check oil level.
- Over pressure safety valve prevents overfilling of the tank during release operation which minimizes risk of injury!
- Return oil hose can easily be connected to oil reservoir filler hole.



Technical tip! For PPxx - pump series we recommend pressure gauge AMT801 & gauge adaptor AVM204.

PP70-1000 - the pumps can be supplied with pre-mounted hose 2 m or 2,5 m, quick coupling (AQI7) and swivel coupling (ASE10). The product designation in such cases are PP70-1000/LS201 (2m) with part nr: 45193 or PP70-1000/LS250 (2,5m) with part nr: 45192

| Name | Part number | Working pressure MPa | Eff. oil volume cm ³ | Capacity cm ³ /min | | Air pressure MPa | | Length mm | Width mm | Height mm | Weight kg |
|-------------|-------------|-------------------------|------------------------------------|----------------------------------|---------------|---------------------|-----|--------------|-------------|--------------|--------------|
| | | | | Low-pressure | High-pressure | min | max | | | | |
| PP70B-1000 | 49300 | 70 | 1000 | 750 | 170 | 0.6 | 1.2 | 439 | 100 | 174 | 5.9 |
| PP80B-1000 | 49301 | 80 | 1000 | 600 | 160 | 0.6 | 1.2 | 439 | 100 | 174 | 5.9 |
| PP100B-1000 | 49302 | 100 | 1000 | 600 | 120 | 0.6 | 1.2 | 439 | 100 | 174 | 5.9 |
| PP150B-1000 | 47685 | 150 | 1000 | 369 | 65 | 0.6 | 1.2 | 439 | 100 | 174 | 5.9 |



PPxx-2500 - AIR HYDRAULIC PUMPS



The PPxx-2500 series incorporates the following features:

- FP, RC and MRV models have built-in release valve that return oil to the tank.
- Safe, internal overflow & integrated safety valve.
- High oil-flow, sight level glass & robust aluminium design

Designed to be powered by 2.5 to 10 Bar air pressure line the PPxx-2500 ensures a trouble free and ergonomic way of generating hydraulic pressure. The air driven pump is suitable for stationary use in workshops and many other industrial applications.

The PPxx-2500 is ideally suited for use with REHOBOT Push & Pull kits and other hydraulic tools or cylinders. The pump can easily be equipped with additional pressure gauges, preassemble with hoses or couplings and comes with a vast number of valve options.

VALVE OPTIONS

| Name | Description |
|------|---|
| FP | Foot Pedal. The FP option is ideal when both hands of the operator needs to be working with the work piece or tool. The foot pedal control the start/stop of hydraulic flow and also its release back to the oil reservoir. |
| RC | Remote Control. The RC option with a remote control is utilized by a 2.5 m remote control unit. The pump is controlled by two push buttons on the remote unit controlling the start/stop of hydraulic flow and its release back to the oil reservoir. |
| MLD | Manual Lever control for Double acting tools. The manual lever is set to direct the hydraulic flow over 2 different ports. A foot pedal is used for the start/stop function. |
| MRV | Manual Release Valve. The MRV option is suitable when the pump is used together with tools equipped with internal valve functions. The pumps has a G1/4" pressure & return connection and a manual release valve. |

| Name | Part number | Working pressure MPa | Eff. oil volyme cm ³ | Capacity cm ³ /min | | Air pressure MPa min | Length mm | Width mm | Height mm | Weight kg |
|--------------|-------------|-------------------------|------------------------------------|----------------------------------|---------------|----------------------------|--------------|-------------|--------------|--------------|
| | | | | Low-pressure | High-pressure | | | | | |
| PP70-2500FP | 50000 | 70/700 | 2500 | 1150 | 260 | 0.65/6.5 | 355 | 209 | 187 | 10.1 |
| PP70-2500RC | 50001 | 70/700 | 2500 | 1070 | 200 | 0.65/6.5 | 355 | 209 | 175 | 10.8 |
| PP70-2500MLD | 50002 | 70/700 | 2500 | 1150 | 260 | 0.65/6.5 | 355 | 209 | 214 | 10.5 |
| PP70-2500MRV | 50003 | 70/700 | 2500 | 1150 | 260 | 0.65/6.5 | 355 | 209 | 171 | 9.8 |
| PP80-2500FP | 50004 | 80/800 | 2500 | 760 | 170 | 0.6/6 | 355 | 209 | 187 | 10.1 |
| PP80-2500RC | 50005 | 80/800 | 2500 | 710 | 130 | 0.6/6 | 355 | 209 | 175 | 10.8 |
| PP80-2500MLD | 50006 | 80/800 | 2500 | 760 | 170 | 0.6/6 | 355 | 209 | 214 | 10.5 |
| PP80-2500MRV | 50007 | 80/800 | 2500 | 760 | 170 | 0.6/6 | 355 | 209 | 171 | 9.8 |
| PP100-2500FP | 50008 | 100/1000 | 2500 | 760 | 100 | 0.65/6.5 | 355 | 209 | 187 | 10.8 |
| PP100-2500RC | 50009 | 100/1000 | 2500 | 710 | 80 | 0.65/6.5 | 355 | 209 | 175 | 11.5 |

Note: The hydraulic connection interface on all PP - pumps is constituted by a G1/4" threaded port.

Air inlet interface on the RC & MRV versions are constituted by a G1/4" port.

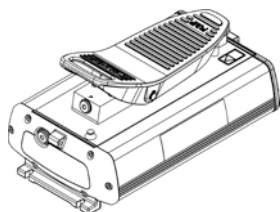
Air inlet interface on the FP & MLD versions are constituted by a NPT1/4" port.

All pumps can be equipped with a pressure gauge. For pumps with valve option RC/MLD/MRV we recommend pressure gauge AMT801. For pumps with valve option FP we recommend pressure gauge AMT801 and gauge adaptor ATM214.

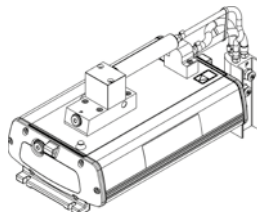
All PPxx-2500 series pumps are available in a pre-mounted version with hydraulic hose, Quick coupling AQ17 and Swivel coupling ASE10. Please contact you local REHOBOT representative to obtain the correct part number for PPxx-2500 equipped with these options.



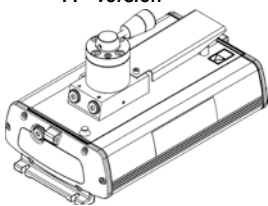
PPxx-2500 - AIR HYDRAULIC PUMPS *Continue*



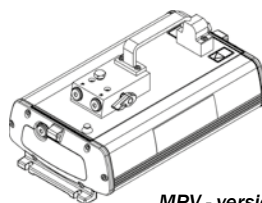
FP- version



RC- version



MLD- version



MRV - version

PPxx-9200 - AIR HYDRAULIC PUMPS

PPxx-9200 series pumps are delivered with remote control. Pump is controlled by two buttons on the control unit (start/stop and release).

- Large tank capacity (9.2 liter).
- 2.5 m remote lead & handle controls.
- Operating air pressure 6 to 12 bar
- Separate pressure gauge connection.
- Can easily be equipped with manifold blocks and valves ideal for multi cylinder operations.
- Internal safety relief valve for overload protection



| Name | Part number | Working pressure MPa | Eff. oil volyme cm ³ | Capacity cm ³ /min | | Air pressure Bar | | Length mm | Width mm | Height mm | Weight kg |
|-------------|-------------|-------------------------|------------------------------------|----------------------------------|---------------|---------------------|-----|--------------|-------------|--------------|--------------|
| | | | | Low-pressure | High-pressure | min | max | | | | |
| PP70-9200RC | 50010 | 70 | 9200 | 1070 | 200 | 6 | 10 | 426 | 296 | 245 | 20 |
| PP80-9200RC | 50011 | 80 | 9200 | 710 | 150 | 6 | 10 | 426 | 296 | 245 | 20 |

Note: The hydraulic pressure connection interface on all PP-pumps is constituted by a G1/4" threaded port.

HYDRAULIC HOSES

Our original hoses are black polyamide / polyurethane hose with steel reinforcement. The case provides good abrasion resistance and long life.

See accessories catalogue for more information on the hoses, and all other accessories.



QUICK COUPLINGS

Swivel couplings can be installed on any pump, cylinder or hydraulic tool.

When using the swivel a variable/rotating (360°) connection between the pump and hose is achieved.

