



PHS - TWO STAGE HAND PUMPS

The REHOBOT two-stage PHS hand pump comes with a pressure gauge as standard. This gives the user a precise and safe control over the work carried out. The gauge is directly mounted onto the pump and well protected by the specially designed pump lever. The 2-stage function makes the pump simple to operate permitting the cylinder or hydraulic tool to reach its working position much faster compared with 1-stage pumps.



- Hydraulic return connection port standard on all pumps
- Robust aluminium tank with low weight and simple oil filling
- Needle hold/release valve - ensures precise control over lowering operation
- Mounting holes for fixed installations & handle locking system for easy carrying

The PHS-pumps with 70MPa pumps are also available fully assembled with hose including a quick coupling AQI7 and swivel coupling ASE10. Please contact REHOBOT to obtain further details and ordering information.

Name	Part number	Working pressure	Eff. oil volume	Capacity		Pump force	Pressure gauge	Length	Width	Height	Weight
		MPa	cm ³	High-pressure	Low-pressure	N	Type	mm	mm	mm	kg
PHS70-300	44411	70	300	1	20	350	AMT801	320	110	170	6
PHS70-1000	44400	70	1000	2	20	320	AMT801	620	110	170	8.1
PHS70-2400	44405	70	2400	2	20	320	AMT801	620	110	170	9.9
PHS70-4100	50605	70	4100	2	20	320	AMT801	620	185	170	13.7
PHS80-300	44412	80	300	1	20	400	AMT801	320	110	170	6
PHS80-1000	44401	80	1000	2	20	360	AMT801	620	110	170	8.1
PHS80-2400	44406	80	2400	2	20	360	AMT801	620	110	170	9.9
PHS80-4100	50606	80	4100	2	20	360	AMT801	620	185	170	13.7
PHS100-1000	44402	100	1000	1	20	230	TX104	620	110	170	8.3
PHS100-2400	44407	100	2400	1	20	230	TX104	620	110	170	10.1
PHS150-1000	44403	150	1000	1	20	370	TX104	620	110	170	8.3
PHS150-2400	44408	150	2400	1	20	370	TX104	620	110	170	10.1
PHS150-1000L	44899	150	1000	1	20	370	AMT151	620	110	170	8.5
PHS150-2400L	44903	150	2400	1	20	370	AMT151	620	110	170	10.3
PHS240-2400L ^{*)}	44910	240	2400	0.7	20	460	AMT301	620	110	170	10.3

^{*)} PHS240 are designed for ultra high pressures. All additional components & accessories needs to be selected for use with ultra high pressures e.g. equipped with a conical sealing principle. The hydraulic pressure port connection interface on the PHS240-2400L is a 9/16" - 18 UNF thread port with 60° Internal cone. The pressure return connection is constituted by a G1/4" internal threaded port.

Note: The hydraulic pressure & return connection interface on all other PHS-pumps are constituted by two G1/4" threaded ports.

Technical tip: When fitting hoses & accessories to any hydraulic equipment, please ensure that the working pressure rating matches or exceeds that of the pump supplying the system. Also ensure the effective oil volume of the pump exceeds the total oil volume of the hydraulic system.



PRESSURE GAUGE

All pumps in the PHS-series comes with a pressure gauge as standard. Different units for the representation of pressure or load can be supplied upon request.



PRESSURE VALVES

PHS-pumps with the pressure range of 70-80 MPa can be equipped with a directional valves. These accessories enable operation of double acting cylinders or other hydraulic tools.