

Hand Pumps

Introduction :

Powerjac offers a wide range of single speed and double speed hand pumps with different flow rates and reservoirs to meet varied pumping requirements.

Single Speed Hand Pumps

MODEL	Pressure Rating Bar	Oil Displacement Per Stroke in C.C.	Usable Oil Volume Litre	Oil Tank Capacity Litre	Handle Effort Kg.	Dry Weight Kg.
PHP-100*	350	1.2	0.17	0.25	30	3
PHPD-120*	500	5.6	1.5	2.0	40	14
PHPD-160*	300	10.0	1.5	2.0	40	14
PHPD-200*	150	15.0	1.5	2.0	40	14
PHPD-250	100	20.0	1.5	2.0	40	14
PHP-200/2	700	2.8	1.0	1.2	40	8.5
PHP-200/2N	700	2.8	1.0	1.2	40	7.6
PHP-200/3	700	2.8	2.0	2.2	40	9.5
PHP-300/2	350	5.0	1.0	1.2	50	8.5
PHP-300/2N	350	5.0	1.0	1.2	50	7.6
PHP-300/3	350	5.0	2.0	2.2	50	9.5
PHP-1000/2	1000	2.5	1.0	1.2	50	8.5
PHP-1200/2	1200	2.0	1.0	1.2	50	8.5

Note: *Double stroke pump. Also 5 litres and 13 litres tank available in this models on request.

SINGLE SPEED HAND PUMP

These pumps are generally recommended for jacks upto 30 tons capacity and 150mm stroke. These pumps deliver constant flow.



PHP-200 & PHP-300



PHP-200/2N & PHP-300/2N

Double Speed Hand Pumps

MODEL	Pressure Rating Bar		Oil Displacement Per Stroke in		Usable Oil Volume	Oil Tank Capacity	Handle Effort	Dry Weight
			C.C.		Litre	Litre	Kg.	Kg.
	1 st stage	2 nd stage	1 st stage	2 nd stage				
PHP-400/2	15	700	17.0	2.5	1.0	1.2	47	9
PHP-400/	15	700	49.0	2.5	2.0	2.2	47	10
PHP-500/6	30	700	49.0	2.8	3.5	6.00	40	19
PHP-500/9	30	700	49.0	2.8	5.6	9.00	40	20
PHP-500/12**	30	700	49.0	2.8	8.1	12.00	40	21
PHP-500/12DCV	30	700	49.0	2.8	8.1	12.00	40	24
PHP-500/16	30	700	49.0	2.8	12.0	16.00	40	23
PHP-500/20	30	700	49.0	2.8	15.6	20.00	40	25
PHP-600/12	35	350	49.0	5.0	8.1	12.00	40	21

Note: **Pump with DC valve

Features / Benefits :

- Portable & light in weight • Rugged construction • Internal relief valve protects from overloading • External adjustable release valve for releasing the pressure • Provision available to attach pressure gauge • Two speed operation with automatic change-over to high pressure reduces number of strokes • Two speed hand pumps have two relief valves one for low pressure and other for high pressure • Handle lock for double speed hand pumps • Provision made for operating double acting jacks / cylinders through directional control valves • Oil reservoir available according to draw off volume • Provision available for fixing the pumping unit for non-portable applications • Lifting is handles provided for easy handling • Telescopic operating lever minimise handle effort.

DOUBLE SPEED HAND PUMP

These pumps are generally recommended for jacks above 30 tons capacity, high lift and multiple jacking. These pumps deliver dual flow.



PHP-400/2 & PHP-400/3



PHP-500 & PHP-600 SERIES



PHP-500 DCV & PHP-600 DCV SERIES