



PS/PHD SERIES

VACUWORX PORTABLE VACUUM LIFTING SYSTEMS offer the perfect solution for smaller lifting challenges on the job or in the shop. Engineered for both interior and exterior applications, these battery powered lifters can go to work anywhere! The PS 1 can lift up to 1,700 lb (0.8 tonne). The new PHD features a twin pump design, remote control and a lift capacity of 2,500 lb (1.13 tonne).

- Lightweight and completely portable
- Ideal for applications where no power source is available
- PS 1 is powered by a 12V 22 Ah rechargeable battery with integrated charging system
- PHD features two dual-stage vacuum pumps for faster operation, a remote control for more applications, and a 12V 30 Ah rechargeable LFP battery for longer run time
- Designed for manual use with the Lift Dolly or in conjunction with small host equipment such as mini skid steers, mini excavators, forklifts and small cranes

SPECIFICATIONS

LIFTER	CAPACITY	WEIGHT
PS 1	1,700 lb (0.8 tonne)	25 lb (11 kg)
PHD	2,500 lb (1.13 tonne)	25 lb (11 kg)

Units include 10' vacuum hose, battery and battery charger (pad not included)

STANDARD PAD OPTIONS*

PS0812	632 lb (287 kg)	25 lb (11 kg)	8" x 12" (203x305 mm) inner/12" x 16" (305x406 mm) outer
PS1216	1,195 lb (542 kg)	36 lb (16 kg)	12" x 16" (305x406 mm) inner/16" x 20" (406x508 mm) outer
PS1616	1,562 lb (709 kg)	45 lb (20 kg)	16" x 16" (406x406 mm) inner/20" x 20" (508x508 mm) outer

PARTS & ACCESSORIES

PT3000-600A	1" x 2" Tough Seal™, 10' (3 m)	PT7600-009	PS Rechargeable Battery	PT8300-076A	Pad Pin Kit
PT7401-010	Vacuum Filter Element	PT7600-023	PS Battery Charger	PT8300-400A	Mounting Assembly for Mini Skid Steer (top mount)
PT7417-002A	Shackle	PT7600-106	PHD Rechargeable Battery		
PT7418-002A	Vacuum Hose Assembly	PT7600-107	PHD Battery Charger		

* Material being lifted should not be more than 3 times the length and width of the pad. Additional pad sizes available upon request.



PS1DLY

Lift Dolly, 150 lb (68 kg) Capacity

VACUWORX PORTABLE VACUUM LIFTING SYSTEMS can be used in conjunction with a variety of host machines. Please refer to the examples below for best practices regarding attachment of the pads to different equipment. You should always confirm that the lift capacities of both the host machine and the attachment device, as well as any rigging equipment used, are adequate for the load you are handling.

SKID STEER OR ELECTRIC SKID STEER WITH LIFTING HOOK OR BOOM POLE



MINI EXCAVATOR WITH HOOK (WELDED ON BUCKET OR AS PART OF THE COUPLER)



FORKLIFT (OR SKID STEER WITH PALLET FORKS) WITH HOISTING HOOK



SMALL CRANE WITH CLEVIS HOOK



NOTE: This guide does not address every possible attachment option. Safety is our primary concern in any lifting situation. The pad should be securely attached to the host machine with a stable connection point (to minimize swing). All components must have a proper load rating. If you have questions regarding safe lifting practices, please contact Vacuworx.