



THE PS 1 PORTABLE VACUUM LIFTING SYSTEM is the perfect solution for smaller lifting challenges that come up daily on jobsites or in the shop. Designed for interior and exterior applications, the patent pending PS 1 can lift up to 1,700 lb (0.8 tonne) and is a great companion to small equipment such as mini skid steers, skid steers, mini excavators, forklifts and small cranes.

- Lightweight and completely portable
- Designed to lift concrete, marble, granite, metal, steel, iron and thick plastic materials (contact Vacuworx if materials such as glass, aluminum or thin steel are to be handled)
- 3 ft (0.9 m) maximum lifting height recommended (intended for material handling close to the ground)
- Powered by a 12 volt rechargeable battery
- 8 hours approximate run time
- Ideal for applications where no power source is available



PS1DLY

SPECIFICATIONS

LIFTER	CAPACITY	WEIGHT	DIMENSIONS
PS 1	1,700 lb (0.8 tonne)	25 lb (11 kg)	L 14.25" (362 mm) x H 6.5" (165 mm) x W 11.5" (292 mm)
Includes 8' vacuum hose, shackle and choice of one standard pad (options below) with Tough Seal (mounting plate not included)			
STANDARD PAD OPTIONS*			
PS0812	693 lb (314 kg)	25 lb (11 kg)	8" x 12" (203x305 mm) inner/12" x 16" (305x406 mm) outer
PS1216	1,276 lb (579 kg)	36 lb (16 kg)	12" x 16" (305x406 mm) inner/16" x 20" (406x508 mm) outer
PS1616	1,654 lb (750 kg)	45 lb (20 kg)	16" x 16" (406x406 mm) inner/20" x 20" (508x508 mm) outer

PARTS & ACCESSORIES

PT3000-600A	Tough Seal™, 10 ft (3 m)	PT7110-050	Shackle	PT7418-002A	8' Vacuum Hose
PT7600-008	PS 1 Battery	PS1DLY	PS 1 Lift Dolly		

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

THE PS 1 PORTABLE VACUUM LIFTING SYSTEM can be used in conjunction with a variety of host machines. Please refer to the examples below for best practices regarding attachment of the PS 1 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 PS 1 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.