

SOLIDSVAC

SOLIDS PUMPING SYSTEMS

SV70-SP

Vacuum Loading Solids Pump

- Heavy Duty
- Air Operated-Vacuum Loading
- High Solids Content Transfer



201 First Avenue - Bribie Island - QLD 4507 - Australia

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SV70-SP

Vacuum Loading Solids Pump

The Solidsvac SV70-SP is designed to reliably handle any flowable sludge and slurry and is ideally suited where submersible, centrifugal and diaphragm pumps are not a viable option.

Designed to offer the operator a one man vacuum recovery pressure discharge unit capable of recovering and transferring almost any flowable material, the extra heavy duty twin 75mm (3") suction and discharge rotary ball valves deliver outstanding performance in the capture and transfer of heavy flowable sludges with high solids content.

100% air powered, the all new compact, fully automatic, robust and fully mobile SV70-SP, generates 22.5"Hg+ of vacuum and can be used in a wide range of applications including mining and industrial.

TECHNICAL DATA	METRIC	US IMPERIAL
Height	1150mm	45"
Width	650 mm	25.5"
Length	1430 mm	56.3"
Weight	120 kg	264 lb
Air inlet	13 mm	1/2" BSP
Suction inlet	75 mm	3"
Discharge outlet	75 mm or 100 mm	3" or 4"
Suction lift	7.9 m @ 100 cfm	26' 2" @ 100 cfm
	8.2 m @ 180 cfm	27' 2" @ 180 cfm
Suction lift	8.6 m @ 230 cfm	28' 6" @ 230 cfm
	2.8 m3 /Min Jet Pack	100 cfm Jet Pack
Air consumption options	5.0 m3 /Min Jet Pack	180 cfm Jet Pack
	6.5 m3 /Min Jet Pack	230 cfm Jet Pack
Delivery	400+ m	1312+ ft
Displacement cycle	65 ltr	17 gal
Operating pressure	7 bar (max) @ 690 kPa	100 psi (max)
	4.5 bar (min) @ 448 kPa	65 psi (min)
Maximum solids	50 mm	2"
Measured water throughput	400 lpm	106 gpm

GENERAL USAGE

- Mining
- Drilling
- Industrial
- Agricultural
- Municipal

APPLICATIONS INCLUDE

- Drilling mud waste
- Corrosive slurries
- Noxious waste
- Mine tailings
- Raw effluent

OPTIONAL ACCESSORIES

- Suction wand
- Suction hose
- Discharge hose
- Duck bill & Vacuum head
- Large capacity strainer
- Dropbox
- Delivery carousel

- Vessel and valves manufactured in 316 stainless steel
- Individually adjustable load and discharge cycles



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