

# SOLIDSVAC<sup>®</sup>

**SOLIDS PUMPING SYSTEMS**

## SV100-SPDK

### Vacuum Loading Solids Pump

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



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# SV100-SPDK

## Vacuum Loading Solids Pump

The Solidsvac SV100-SPDK 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 100mm (4") suction and discharge knife gate 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 SV100-SPDK, 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	GENERAL USAGE
Height	1150 mm	45"	<input type="checkbox"/> Mining
Width	700 mm	27.5"	<input type="checkbox"/> Drilling
Length	1300 mm	51"	<input type="checkbox"/> Industrial
Weight	200 kg	440 lb	<input type="checkbox"/> Agricultural
Air inlet	25 mm	1" BSP	<input type="checkbox"/> Municipal
Suction inlet	100 mm	4"	<b>APPLICATIONS INCLUDE</b>
Discharge outlet	100 mm	4"	<input type="checkbox"/> Drilling mud waste
Suction lift	7.9 m @ 100 cfm 9.2 @ 180 cfm 11.5 @ 230 cfm	26' 2" @ 100 cfm 30' @ 180 cfm 37' 7" @ 230 cfm	<input type="checkbox"/> Corrosive slurries
Air consumption options	2.8 m <sup>3</sup> /Min Jetpack 5.0 m <sup>3</sup> /Min Jetpack 6.5 m <sup>3</sup> /Min Jetpack	100 cfm Jetpack 180 cfm Jetpack 230 cfm Jetpack	<input type="checkbox"/> Noxious waste
Delivery	400+ m	1312+ ft	<input type="checkbox"/> Mine tailings
Displacement cycle	90 ltr	23 gal	<input type="checkbox"/> Raw effluent
Operating pressure	7 bar (max) @ 690 kPa 4.5 bar (min) @ 448 kPa	100 psi (max) 65 psi (min)	<b>OPTIONAL ACCESSORIES</b>
Maximum solids	75 mm	3"	<input type="checkbox"/> Suction wand
Measured water throughput	500 lpm	132 gpm	<input type="checkbox"/> Suction hose
			<input type="checkbox"/> Discharge hose
			<input type="checkbox"/> Duck bill & Vacuum head
			<input type="checkbox"/> Large capacity strainer
			<input type="checkbox"/> Dropbox
			<input type="checkbox"/> Delivery carousel

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