

# **SOLiDSVAC**

**SOLiDS PUMPiNG SYSTEMS**

## **SV70-SPDK**

### **Vacuum Loading Solids Pump**

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



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# SV70-SPDK

## Vacuum Loading Solids Pump

The Solidsvac SV70-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 75mm (3") 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 SV70-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
Height	1050 mm	41"
Width	600 mm	24"
Length	1000 mm	40"
Weight	130 kg	287 lb
Air inlet	25 mm	1" BSP
Suction inlet	75 mm	3"
Discharge outlet	75 mm or 100 mm	3" or 4"
Suction lift	8.0 m @ 100 cfm	26' 2" @ 100 cfm
	8.3 m @ 230 cfm	27' 2" @ 230 cfm
	9.0 m @ 270 cfm	28' 6" @ 270 cfm
Air consumption options	2.8 m <sup>3</sup> Jet Pack	100 cfm Jet Pack
	6.5 m <sup>3</sup> Jet Pack	230 cfm Jet Pack
	7.65 m <sup>3</sup> Jet Pack	270 cfm Jet Pack
Delivery	400+ m	1312+ ft
Displacement cycle	65 ltr	17 gal
Operating pressure	7 bar (max) @ 690 kPa	105 psi (max)
	4.5 bar (min) @ 448 kPa	65 psi (min)
Maximum solids	50 mm	2"
Measured water throughput	400 lpm	106 gpm

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

### 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



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