

# SOLIDSVAC<sup>®</sup>

**SOLIDS PUMPiNG SYSTEMS**

## **SV200-SPDK**

### **Vacuum Loading Solids Pump**

- Intrinsically Safe
- 100% Compressed Air Operation
- High Solids Content Transfer



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# SV200-SPDK

## Vacuum Loading Solids Pump

The Solidsvac SV200-SPDK is a truly versatile vacuum loading solids pump. Manufactured in 316 stainless steel, it is lightweight and mobile yet able to capture and transfer viscous high SG slurries whilst remaining a one man or fully automatic operation.

The low air consumption, high vacuum venturies engineered by Solidsvac Pumps ensure high educated airflows which means high educated airflow providing outstanding pulling power. The SV200-SPDK also features as an optional extra, the air-assist gravity inlet which can accommodate high volume direct feed for rapid hopper transfer of materials ranging from drill cuttings to sugar. The Solidsvac SV200-SPDK is the true BRUTE when it comes to versatile solids pumps.

TECHNICAL DATA	METRIC	US IMPERIAL
Height	1350 mm	53"
Width	900 mm	35.5"
Length	1560 mm	61"
Weight	315 kg	617 lb
Air inlet	40 mm	1-1/2" BSP
Suction inlet	100 mm	4"
Discharge outlet	100 mm	4"
Suction lift	9.2 m @ 180 cfm 11.5 @ 230 cfm	30' @ 180 cfm 37' 7" @ 230 cfm
Air consumption options	5.0 m <sup>3</sup> /Min Jetpack 6.5 m <sup>3</sup> /Min Jetpack	180 cfm Jetpack 230 cfm Jetpack
Delivery	500+ m	1640+ ft
Displacement cycle	190 ltr	50 gal
Operating pressure	7 bar (Required) @ 690 kPa	100 psi (Required)
Vacuum Options	73 to 86.5 kPa	21.5" to 25.5" Hg
Maximum solids	65 mm	2-1/2"
Measured water throughput	620 lpm	163 gpm

- Vessel and valves manufactured in 316 stainless steel
- Individually adjustable load and discharge cycles
- As supplied in crash frame with fork access as standard
- Puncture proof tyres available as optional extra
- Suction Lifts indicated require 7 bar (100 psi) operating pressure

### GENERAL USAGE

- Mining
- Drilling
- Industrial
- Petrochemical
- Municipal

### APPLICATIONS INCLUDE

- Thickener desludge
- Heavy crude transfer
- Hazardous waste recovery
- Transfer of mine slurries
- Raw effluent pond desludging

### OPTIONAL ACCESSORIES

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



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