

# SOLIDSVAC<sup>®</sup>

**SOLIDS PUMPING SYSTEMS**

## **SV200-SPDK-MV**

### **Vacuum Loading Solids Pump**

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



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# SV200-SPDK-MV

## Vacuum Loading Solids Pump

The Solidsvac SV200-SPDK-MV 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 educted airflows providing outstanding pulling power.

The SV200-SPDK-MV comes standard with three Jetpack options and also features a mobility kit (Part No: SV200-SPDK-MK) as an optional extra. The mobility kit allows the unit to easily be manoeuvred by one person and capable of being rotated on its own footprint. The Solidsvac SV200-SPDK-MV is the true BRUTE when it comes to versatile solids pumps.

TECHNICAL DATA	METRIC	US IMPERIAL
Height	1500 mm	59.5"
Width	1000 mm	39"
Length	1500 mm	59.5"
Weight	500 kg	1102 lb
Air inlet	40 mm	1-1/2" BSP
Suction inlet	100 mm	4"
Discharge outlet	100 mm	4"
Suction lift	11m+ @ 230 cfm Up to 25m @ 600 cfm	36' ft+ @ 230 cfm Up to 82' ft @ 600 cfm
Air consumption options	9.2 m <sup>3</sup> /Min Jetpack 10.7 m <sup>3</sup> /Min Jetpack 16.9 m <sup>3</sup> /Min Jetpack	230 cfm Jetpack 380 cfm Jetpack 600 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	600 lpm (230 cfm) Up to 900 lpm (600 cfm)	158 gpm (230 cfm) Up to 237 lpm (600 cfm)

### 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

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



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