

SOLIDSVAC[®]

SOLIDS PUMPING SYSTEMS

SV220-CVCD

Continuous Vacuum Loading Solids Pump

- Pumps the Unpumpable
- Built Tough & Sucks Hard
- Compact & Mobile
- Air Powered, Automatic



Solidsvac Pumps Problems™



U1/ 5-7 Boeing Place - Caboolture - QLD 4510 - Australia

+61 456 000 665 / info@solidsvac.com / www.solidsvac.com

SV220-CVCD

Continuous Vacuum Loading Solids Pump

The 100% air operated SV220 produces a high level of vacuum combined with powerful airflows enabling it to convey a vast array of materials to and from the unit in both lean and dense phase. Automatic controls provide for both manned and unmanned operations. Highly mobile, robust in construction with 316 vessel and valves, the extra heavy duty 100mm (4") knife gate valves deliver outstanding performance in the capture and transfer of heavy flowable sludges and slurries with high solids content.

TECHNICAL DATA

METRIC

US IMPERIAL

Height	1260 mm	47"
Width	980 mm	38.5"
Length	1500 mm	60"
Weight	850 kg	1873 lbs
Air inlet	50 mm	2" BSP/NPT
Suction inlet	100 mm	4"
Discharge outlet	100 mm	4"
Max Vacuum	-84 kPa	25" Hg
Air consumption options	6.5 m ³ /Min Jetpack & 6.5 m ³ /Min Discharge Or 8.5 m ³ /Min Jetpack & 6.5 m ³ /Min Discharge	230 cfm Jetpack & 230 cfm Discharge Or 300 cfm Jetpack & 230 cfm Discharge
Delivery	500+ m	1640+ ft
Displacement cycle	200 ltr	34 gal
Operating pressure	7 bar (Required)	100 psi (Required)
Unit Requirements	13 m ³ /Min Or 15 m ³ /Min	460 cfm Or 530 cfm
Maximum solids	55 mm	2.5"
Measured Water Throughput	1000 lpm	264 gpm

GENERAL USAGE

- Mining
- Drilling
- Industrial
- Petrochemical
- Municipal

APPLICATIONS INCLUDE

- Drill cuttings transfer
- Thickener desludge
- 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

- Suction Lift >18m+

- Adjustable Load/Discharge timers accommodate variations in materials and distances involved

IECEx Zone 0/1 Certified

- **Cert N.o:** IECEx ExTC 24.0008X
- **Marking:** Ex h I Ma (0 °C ≤ Tamb ≤ +50 °C) Ex h IIB T4 Gb (0 °C ≤ Tamb ≤ +50 °C)



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