

# **SOLIDSVAC**<sup>®</sup>

**SOLIDS PUMPING SYSTEMS**

## **SV150-CVCD**

### **Continuous Vacuum Loading Solids Pump**

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



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# SV150-CVCD

## Continuous Vacuum Loading Solids Pump

The Solidsvac SV150-CVCD is a truly versatile continuous vacuum loading solids pump, manufactured using 316 stainless steel vessels and valves as standard. The SV150-CVCD can be supplied as fixed or mobile plant. This fully automatic unit can be utilised manned or unmanned to capture and transfer viscous high SG slurries.

The SV150-CVCD can also be fitted with a Direct Feed Hopper (below image) ensuring a constant flow of material. When transferring drill cuttings, the SV150-CVCD with the Direct Feed Hopper, can operate as both Primary and Back Up removing the need for both Pit and backhoe.

TECHNICAL DATA	METRIC	US IMPERIAL	GENERAL USAGE
Height	1260 mm	47"	<input type="checkbox"/> Mining
Width	980 mm	38.5"	<input type="checkbox"/> Drilling
Length	1500 mm	60"	<input type="checkbox"/> Industrial
Weight	390 kg	848 lb	<input type="checkbox"/> Petrochemical
Air inlet	40 mm	1-1/2" BSP	<input type="checkbox"/> Municipal
Suction inlet	75 mm	3"	
Discharge outlet	75 mm	3"	
Suction lift	8.5 m @ 130 cfm ~ 10 m @ 180 cfm 11 m @ 260 cfm ~ 11.5+ m @ 330 cfm	27" 9' @ 130 cfm ~ 32" 8' @ 180 cfm 36" 1' @ 260 cfm ~ 37" 7' @ 330 cfm	
Air consumption options	3.6 m3/Min Jet Pack ~ 5.0 m3/Min Jet Pack 7.4 m3/Min Jet Pack ~ 9.3 m3/Min Jetpack	130 cfm Jet Pack ~ 180 cfm Jet Pack 280 cfm Jet Pack ~ 330 cfm Jet Pack	
Delivery	500+ m	1640+ ft	
Displacement cycle	130 ltr	34 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	55 mm	2.5"	
Measured water throughput	800 lpm	211 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

- No internal workings. Cannot be damaged dry running
- Adjustable load cycles times
- Supplied on skids with fork access and certified lifting points as standard
- Wheels with puncture proof tyres are available as an optional extra
- Suction Lifts indicated require 7 bar (100 psi) operating pressure.

Direct Feed Hopper  
Shown Here

