

SV150-CVCD

Continuous Vacuum Loading Solids Pump



Pump specifications:

Height	1260 mm
Width	980 mm
Length	1500 mm
Weight	390 kg
Air inlet	40 mm
Suction inlet	75 mm
Discharge outlet	75 mm
Suction lift	8.0 m @ 130 cfm ~ 8.2 m @ 180 cfm 8.7 m @ 260 cfm ~ 8.9 m @ 330 cfm
Air consumption options	3.6 m ³ /Min Jet Pack ~ 5.0 m ³ /Min Jet Pack 7.4 m ³ /Min Jet Pack ~ 9.3 m ³ /Min Jetpack
Delivery	500+ m
Displacement cycle	130 ltr
Operating pressure	7 bar (max) @ 690 kPa 5.9 bar (min) @ 586 kPa
Maximum solids	50mm
Measured water throughput	800 lpm

About the SV150-CVCD

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 low air consumption, high vacuum venturis engineered by Solidsvac ensure highly efficient air flows providing outstanding pulling power. The SV150-CVCD also features as an optional direct feed, enabling continuous product transfer which in turn can deliver higher throughout volumes.

Features

- **Intrinsically Safe**
- **100% Compressed Air Operation**
- **High Solids Content Transfer**
- **No internal workings. Cannot be damaged dry running**
- **Individually adjustable load and discharge 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**

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