

**SOLIDS<sub>vac</sub>**

# Continuous Vacuum Loading Solids Pump

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



**CVLSP-200-AWE**

Continuous Vacuum Loading Solids Pump



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The CVLSP-200-AWE is a truly versatile continuous vacuum loading solids pump, manufactured using 316 stainless steel vessels and valves as standard. The unit 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 CVLSP-200-AWE also features as an optional direct feed, enabling continuous product transfer which in turn can deliver higher throughout volumes.

TECHNICAL DATA	METRIC	US IMPERIAL
Height	1260 mm	47"
Width	980 mm	38.5"
Length	1500 mm	60"
Weight	390 kg	848 lb
Air inlet	40 mm	1-1/2" BSP
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 Jet Pack	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 (max)
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
- Thickner desludge
- Hazardous waste recovery
- Transfer of mine slurries
- Raw effient 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
- 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
- Vertical Discharges of 25m+ (7bar/100 psi)



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