

SV1000-V High Volume Solids Pump



Features

- 100% compressed air operation
- Intrinsically safe
- Fully Portable
- No internal moving components
- Manual or fully automatic operation
- High vacuum and very high airflow
- High solids content (up to 70%) transfer
- Delivers up to 1000 metres (3280ft)
- Air consumption options 600 - 750 cfm (284 - 354 L/sec)
- Throughput Capacity up to 50 m³/hr (220USGPM) @ SG1.0 depending on the materials and distances involved

About

The SV1000-V High Volume Solids Pump is a high velocity, heavy duty solids pump, capable of capturing high density slurries via a strong 25" Hg vacuum combined with high velocity airflows.

The SV1000-V can transfer up to 50 m³/hr (220USGPM) depending on the materials and distances involved.

The SV1000-V High Volume Solids Pump has no moving parts in contact with the material being pumped and can pass rags, bolts and many other items that would render a standard impeller pump inoperable.

Applications

- Spillage recovery and transfer
- Large dam desilting
- Sump cleaning and desilting
- Tank bottoms and sludge extraction
- Palm oil pond desludging
- OBM transfer and pit cleaning
- Bentonite and sand transfer

Technical Data

- Height 240 cm (94.5")
- Width 180 cm (71")
- Length 250 cm (98.5")
- Weight 750 kg (1655 lb)
- Air consumption options includes 284 L/sec or 354 L/sec
- Pressure at the pump 6 bar (85psi) minimum to 7 bar (100psi) at the pump
- Air supply connection 50 mm (2")
- Up to 25" Hg+ (85kPa) vacuum
- Suction 100 mm (4") BSP/Type B camlock
- Discharge 100 mm (4") or 150mm (6") via NPT, BSP or Victaulic Coupling
- Handles solids to 70 mm (3")
- Carbon steel vessel