

SUPAVAC

SV110V2 Mobile Solids and Sludge Pump - Vertical



Features

- ATEX Zone 2/CE conformity
- 100% compressed air operation
- Multipurpose vacuum pump
- Intrinsically safe
- Fully automatic
- Versatile
- No internal moving parts
- Minimal maintenance
- Robust construction
- Next Generation Pneumatic control IP56 SST box provides a more user friendly system with new countdown timers, indicators showing pump cycle, increased safety, usability & serviceability. Standardized. Quick connectivity minimizing down time

About

The SV110V Mobile Sludge Pump is 100% air powered and operated, generates up to 25" Hg (85kPa) of vacuum whilst generating high in-line convey velocities. The unit requires only 280 cfm (132L/sec) at 85psi (6bar)+ and can transfer heavy sludge with a high solids content up to a rate of 32m³/hr (140USGPM) @ SG1.0

The SV110V Mobile Sludge Pump is a vacuum loading pressure discharge batch system that can recover from up to 50 metres (164 ft) and deliver in excess of 500 metres (1640 ft) whilst remaining a one man or fully automatic operation.

Employed worldwide in the offshore drilling, oil, gas and mining industries the SV110V Mobile Solids and Sludge Pump is ideal for rapid recovery of large scale spills, tank cleaning, mining slimes and sump/drain cleaning.

Applications

- Thickener de-sludge
- Tunnelling and TBM applications
- Sump and shaft cleaning
- Tailings and ash pond cleaning
- Digester and pond cleaning
- Oil spill capture and transfer
- Hazardous waste recovery
- Drilling mud and cuttings transfer
- Transfer of mining slurries
- Agricultural product and waste transfer

New Options

- Next Generation Pneumatics Control box retro fit kits to upgrade existing pumps
- Low (adjustable) discharge pressure
- Reduced air consumption
- Spare parts kit includes quick change control box, reducing down time.

Technical Data

- Height 136 cm (54" wheel mount)
- Width 83 cm (33" wheel mount)
- Length 140 cm (55" wheel mount)
- Weight 234 kg (516 lb)
- Throughput capacity up to 32m³/hr (140USGPM) @ SG1.0
- Air consumption minimum 280 cfm (132 L/sec) at minimum 85psi (6 bar) to 100psi (7 bar) at the pump
- Air supply connection 25mm (1")
- Up to 25" Hg+ (85kPa) vacuum
- Suction 100 mm (4") BSP/Type B camlock
- Discharge 100 mm (4") BSP/Type A camlock
- Handles solids to 70 mm (3")
- Carbon steel vessel
- Also available in Class 3 carbon, 316 stainless steel or polyurethane coated tanks
- Skid mount/roll frame weights dimensions on request