

SV110V Mobile Sludge Pump - Vertical



Features

- 100% compressed air operation
- Intrinsically safe
- Fully automatic
- High vacuum and high airflow
- Delivers over 500 metres (1640 ft)
- Skid or wheel mounted
- Robust construction
- Pumps up to 18 m³/hr (79USGPM) @ SG1.0

About

The SV110V Mobile Sludge Pump is 100% air powered and operated, generates up to 25"Hg of vacuum whilst generating high in-line convey velocities. The unit requires only 280 cfm (132L/sec) at 85psi (6 bar)+ and can transfer heavy sludge with a high solids content up to a rate of 18m³/hr (79USGPM) @ 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 industry the SV110V Mobile Sludge Pump is ideal for rapid recovery of large scale spills.

Applications

- Thickeners 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

Technical Data

- Height 135 cm (54" wheel mount)
- Width 66 cm (26" wheel mount)
- Length 131 cm (52" wheel mount)
- Weight 275 kg (606 lb)
- Air consumption minimum 280 cfm (132 L/sec) at minimum 85psi (6 bar) to 100psi (7 bar) at the pump
- Air supply connection 25 mm (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 mounted with roll frame