



SV280V Heavy Duty Solids Pump - Fully Enclosed



Features

- 100% compressed air operation
- Intrinsically safe
- Manual or fully automatic operation
- Robust construction and low wear characteristics
- High vacuum and high airflow
- Delivers up to 1000 metres (3280 ft) horizontally and 35 metres (115 ft) vertically
- High solids content transfer
- Can transfer in excess of 40 m³/hr (176USGPM) @ SG1.0 depending on the materials and distances involved
- Gravity feed 100mm (4")

About

The SV280V Heavy Duty 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 SV280V Heavy Duty Solids Pump can handle solids up to 70% of the employed hose diameter and will transfer up to 40 m³/hr (176USGPM) @ SG1.0 depending on the materials and distances involved.

The SV280V Heavy Duty Solids Pump has no moving components that come 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

- Capture and transfer of drill cuttings
- Sump cleaning and desilting
- Tank bottoms and sludge extraction
- Tailings transfer or dewatering
- OBM transfer and pit cleaning
- Bentonite and sand transfer

Technical Data

- Height 151 cm (60")
- Width 138 cm (55")
- Length 130 cm (52")
- Weight 720 kg (1588 lb)
- Air consumption minimum 600 cfm (284 L/sec) at minimum 85psi (6 bar) to 100psi (7 bar) 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") BSP/Type A camlock
- Gravity feed 100 mm (4")
- Handles solids to 70 mm (3")
- Carbon steel vessel