

# SV250V Solids/Mining Slimes Pump



## Features

- ATEX Zone 2/CE conformity  $\text{CE}$  II 3 G T6
- Intrinsically safe
- Manual or fully automatic operation
- High vacuum and high airflow
- Throughput capacity up to and in excess of 45m<sup>3</sup>/hr (264USGPM) @ SG1.0
- Variable air consumption  
150 - 750 cfm (75 - 354 L/sec)
- Robust and compact
- Gravity feed capability
- Next Generation Pneumatic control IP66 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 SV250V Solids Mining Slimes Pump is designed to transfer an extremely wide array of heavy sludges via 100 mm (4") suction and discharge lines.

The SV250V Pump has the ability to operate with various SV Jet Packs ranging from 150 (71 L/sec) to 750 cfm (354 L/sec).

The SV250V Pump is a vacuum loading pressure discharge batch system that can recover flowing slurries from up to 50 metres (164 ft) and deliver the same up to 1000 metres (1640 ft) whilst remaining a one person or fully automatic operation.

The SV250V Pump can transfer in excess of 45 m<sup>3</sup>/hr (264USGPM) @ SG1.0 single pump operation & double with Synchronized/Dual pump operation.

## Applications

- Drilling mud and cuttings transfer
- Thickener de-sludge
- Petrochemical tank cleaning
- Heavy crude transfer
- Barge and hull cleaning
- Sump and shaft de-mucking
- Tailings and ash pond cleaning
- Raw effluent pond de-sludging
- Hazardous waste recovery
- Transfer of mining slurries

## Applications

- Next Generation Pneumatics Control box retro fit kits to upgrade existing pumps
- Low (adjustable) discharge pressure
- Reduced air consumption
- Dual pump operation for synchronised pumping with 2 units using common suction & discharge hoses
- Manual control box or @ suction point
- Spare parts kit includes quick change control box, reducing down time.

## Technical Data

- Height 165 cm (65")
- Width 129 cm (51")
- Length 120 cm (48")
- Weight 550 kg (1213 lb) with RF
- Air consumption minimum  
150/270 /400 /600/750 cfm  
(75/128/189/284/354 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
- Handles solids to 70 mm (3")
- Carbon steel vessel
- Also available in Class 3 carbon, 316 stainless steel or polyurethane coated tanks
- Roll cage and weather cover

## Environmental Technology AS

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