

SX1000-V

HIGH VOLUME SOLIDS PUMP



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The SX1000-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 SX1000-V can handle solids to 80% of the employed hose diameter and will transfer up to 50 m³/hr [220USGPM] depending on the materials and distances involved.

The SX1000-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.

FEATURES

- 100% compressed air operation
- Intrinsically safe
- Fully portable
- No internal moving components
- Manual or fully automatic operation
- High vacuum and very high airflow
- Delivers over 1000 metres (3280ft)
- High solids content (80%+) transfer

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, sand, and cement powders transfer

TECHNICAL DATA

- Height 215 cm
- Width 180 cm
- Length 200 cm
- Weight 880 kg
- Air consumption 600-900cfm @ 85psi+
- 25" Hg+ (85kPa) vacuum
- Suction inlet 100 mm (4") or 150 mm (6") Camlock
- Discharge outlet 100 mm (4") or 150 mm (6") via NPT, BSP or Victaulic Coupling
- Handles solids to 75 mm (3")