

# SOUTHERN CROSS®

## SX700 E-VAC IN-LINE VACUUM PUMP



SX700 E-VAC

### FEATURES

- 100% air powered operation
- Intrinsically safe
- No internal workings
- High vacuum and high airflow
- Fully automatic operation
- Can be fitted to any piping configuration
- Robust construction
- Ideal for use in confined spaces

### SX700 E-VAC

The SX E-Vac In Line Vacuum Pump is designed as an in line system allowing the conversion of a standard pipeline into a fixed vacuum system.

The E-Vac can be fitted to a range of pipes including HDPE, steel or even flexible suction hose which offers considerable flexibility.

Operating on a variable range of air supplies the SX E-Vac In Line Vacuum Pump can consistently deliver up to 25" Hg+ of vacuum enabling the capture and transfer of most materials.

The SX E-Vac In Line Vacuum Pump operates at under 74dba within 1 metre (3.3ft) and generates and maintains high inline convey velocities.

The unit can be installed with various nozzles ranging from 100cfm for viscous liquid transfer up to 280cfm at 85psi for true solids recovery.

The E-Vac must be installed on a 30 deg angle or higher but becomes a virtual straight through system ideal for tank cleaning, ship hull installation or hard access sumps with variable contents.

### APPLICATIONS

- Conveyor boot end trouble spots
- Sump cleaning
- Confined space installations
- Tank and pit cleaning
- Hazardous waste recovery
- Drilling mud transfer
- Open sump installations
- FPSO tank cleaning

### TECHNICAL DATA

- Height 60 cm
- Width 50 cm
- Weight 145 kg
- Air consumption 100-280CFM at 85psi to 100psi+
- Up to 25" Hg+ (85kPa) vacuum
- Suction inlet and Discharge outlet 75 mm (3") 100 mm (4")
- Handles solids to 50mm (2") for 3" unit & 75mm (3") for 4" unit
- Flow Rates solely depend on material pumped and length of pipe used. Rates below are indicative only.
- 3" unit 150cfm at 85psi+ & can transfer heavy sludge with a high solids content up to a rate of 10 m3/h (44USGPM)
- 4" unit 280cfm at 85psi+ and can transfer heavy sludge with a high solids content up to a rate of 18 m3/hr (79USGPM)
- Also available in 316 stainless steel

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