

The STEP Oiltools SX 280V Pneumatic Cuttings Pumps is heavy duty cuttings pump capable of pumping high density slurries from source to process solutions or containment.

The SX280V can be gravity feed or by a 25" Hg vacuum which greatly increases the pumps flexibility. No moving parts come into contact with the pumped material which greatly improves the service life and reduces NPT or downtime.



The SX 280V can handle large drill cuttings and has a conveyance capacity up to 30 m³/hr depending on the pumping distance and material to be conveyed.

Pneumatic conveyance offers a robust and reliable alternative to traditional cuttings transportation methods. They have been used to feed cuttings dryers, cuttings skips, bulk cuttings containers and open pits.

Features

- 100% compressed air operation
- Intrinsically safe (ATEX Compliant)
- Robust Construction and low wear characteristics
- No internal moving components
- Fully automatic
- High vacuum and high airflow
- Delivers up to 1000 metres (1500feet) horizontally and 35m vertically
- High solids content (80%+) transfer
- Various Feed Options
 - Auger or
 - Vacuum

Applications

- Transfer of Drill Cuttings
- Sump cleaning and desilting
- Tank bottoms and sludge extraction
- OBM transfer and pit cleaning
- Bentonite, sand, and cement powders transfer

Technical Data

- Height 56 cm (22")
- Width 140 cm (55")
- Length 136 cm (54")
- Weight 720kg (1584 lb)
- Air consumption 600cfm at 85psi+
- Up to 25" Hg+ (85kPa) vacuum
- Suction inlet 100 mm (4")
- Handles solids to 75 mm (3")