

LH32-330SR Single roller peristaltic hose pump

Description

LH32-330SR Single roller peristaltic hose pump, different with foreign press shoe structure, single roller design reduce number of hose squeezing, extend the hose service life. Usually single circulation flow is larger than conventional press shoe design.

Based on different characteristic pumping materials, Leadcrete hose pump could provide NR, NBR and EPDM different materials squeeze hose.

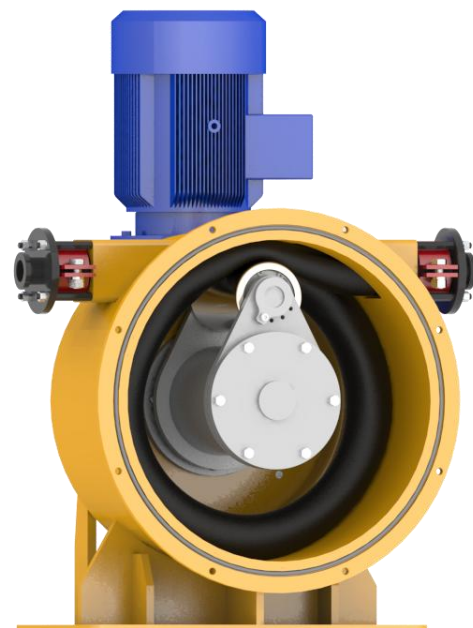


Application

Compared with other type pump, hose pump have many wide application fields.

Such as:

- Construction.
- Water and Waste Treatment
- Papermarking
- Mining
- Ceramic and Glass
- Food and Beverage
- Textile Mill



Working Principle



When the rotor unit drives single roller to rotate, hose is squeezed and deformed. After the roller rotate, the deformed hose recover by its elasticity. Thus the negative pressure in this hose is generated, sucking slurries, and discharging through output under rollers' push, finally forms pressure conveying of slurries.

Product Feature

- No valve, no seal;
- Simple structure, easy maintenance;
- Only hose contact with pumping materials;
- Forward and Reverse in line to easily tempt the pipeline or to clear blockages;
- Single roller to make the squeeze hose work life longer and to get more pump output;
- The adjustable squeeze roller

Technical Data

Model	LH32-330SR
Output	1900L/h
Working Pressure	10bar
Squeeze hose ID	32mm
Rotate Speed	30rpm
Motor Power	3Kw, IP55
Voltage	380V, 50HZ, 3phase, customized
Dimension	580x550x790mm

Construction and dimensions

