



Zhengzhou Wode Heavy Industry Co., Ltd.

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WH32-330SR Hydraulic Drive Single Roller Hose Pump

Description

WH32-330SR Hydraulic Drive single roller 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, Wodetec hose pump could provide NR, NBR and EPDM different materials squeeze hose.

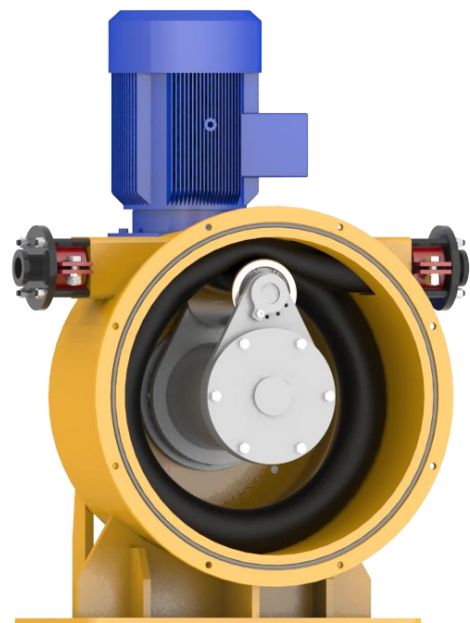


Application

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 Mil





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WODE HEAVY INDUSTRY

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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 | WH32-330SR |
| Output | 1900L/h |
| Working Pressure | 10bar |
| Squeeze Hose ID | 32mm |
| Rotate Speed | 30rpm |
| Motor Power | 3Kw, IP55 |
| Voltage | 380V, 50HZ, 3phase, customized |
| Dimension | 580x550x790mm |
| Optional: Hydraulic Drive | WM1-320 motor. Required Hydraulic power: 12L/min@13MPa |



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Construction and dimensions

