



SCREW PUMP

APPLICATIONS

• The main components which characterize the pump are a metallic single helical rotary part ROTOR and fixed double helical resilient polymer part STATOR in which the rotor turns and thereby a complex progressive sealing line (cspl) is maintained. Whilst the rotor rotates inside the stator, the cavities formed between them progress from suction to discharge end, gently carrying the media.

DRIVE ARRANGEMENTS

• DIRECT drive electric motor, geared motor, gear box, Mechanical Speed Variator, Eddy Current DC Drive, Hydraulic, Pneumatic, Petrol & Diesel Engines.

• For accurate and variable flow rates, AC Variable frequency Drives can be used.

SPECIFICATION

- **Flow Rate** : UP TO 100 M³ / Hr
- **Differential Pressure** 24 Bar

(for more system pressures, contact factory assistance)

- **Viscosity** : UP TO 1,00,000 cst
- **Temperature** : UP TO 150°C
- **Suction Lift** : 8 mlc Max



MATERIAL OPTIONS

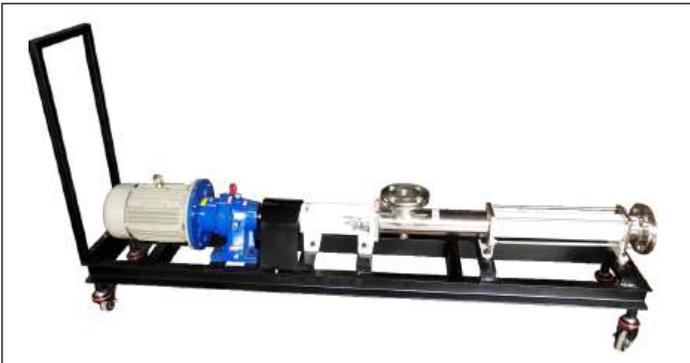
- **Housing Parts** : AISI304, AISI316, AISI316L
- **Rotor & Shaft** : AISI304, AISI316, AISI316L
- **Stator** : NBR, HNBR, EPDM, CSM, Q

white, food grade, abrasion resistant & high temperature resistant variants.





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Video Link : <https://www.youtube.com/watch?v=SkE8CKyDLNk>
<https://www.youtube.com/watch?v=GFEDVMoMljQ>