

Transpumpserv Global Pvt. Ltd.

DewLine (TdewX) – Drainage & Dewatering Pumps

Description

DewLine (TdewX) is a robust and efficient drainage and dewatering pump series designed for applications in construction sites, basements, sumps, and municipal drainage stations. Built for reliability, these pumps handle groundwater, rainwater, seepage, and light slurry, ensuring effective dewatering in both emergency and continuous-duty scenarios.

The compact design with submersible or portable configurations makes DewLine ideal for fast installation, high mobility, and low maintenance requirements.

Key Design Features

- Heavy-duty construction for dewatering and drainage duties
- Submersible and portable pump configurations available
- High efficiency impellers designed for water and slurry-laden liquids
- Designed to ISO 9906 performance standards
- Double mechanical seal arrangement for motor protection
- Corrosion- and wear-resistant materials for extended service life
- Optional guide rail installation for sump and drainage pits
- Lightweight portable versions for construction and emergency use

Seal and Shaft Technology

- Double mechanical seals in oil chamber for leakage prevention
- Seal faces in SiC, Tungsten Carbide, or Ceramic combinations
- Gland packing available (optional)
- Shaft sleeves for added wear protection in abrasive service

Bearings and Certifications

- High-quality bearings designed for continuous duty operation
- Submersible motor with Class F/H insulation, IP68 rating
- ATEX-certified models available for hazardous environments
- Designed to IEC motor and ISO performance standards

Suitable Applications

- Construction Sites – groundwater and stormwater drainage

- Basements & Buildings – sump dewatering and flood control
- Municipal Drainage – stormwater and floodwater pumping stations
- Industrial Sites – process water, effluent drainage, and dewatering
- Emergency Dewatering – mobile pumps for disaster management

Technical Specifications

Casing Materials	Cast Iron, Stainless Steel, Aluminum options
Impeller Materials	Stainless Steel, Cast Iron, Bronze
Max. Capacity	Up to 2,500 m ³ /h
Max. Head	Up to 70 m
Max. Solids Handling	Up to 50 mm (depending on impeller type)
Max. Submersible Depth	Up to 20 m
Max. Temperature	Up to 60°C (special versions up to 90°C)
Motor Power Range	0.75 – 150 kW

Downloads & Resources

- Technical Data Sheet
- Installation & Operation Manual
- Dewatering & Drainage Application Guide
- 3D Pump Drawings (on request)