FOR HIGHER MOBILITY
MINE DEWATERING UNIT
The SEEPEX Mine Dewatering Unit is engineered for efficient separating of oversized solids and conveying of mine water. The compact design enables easy transport of the complete unit. Quick and effortless maintenance ensures reduced downtime and lower operating costs.

The unit consists of a skid baseplate, tank, pipework and pump with drive and controls. The compact footprint of the pump allows easy retrofit into existing dewatering units.

**EASIER TRANSPORT.**

- **SETTLING TANK**: Configured to control solids and handle overflow. Standard capacity of 3,300 liters (872 US gal).
- **DUMP VALVE MANIFOLD**: Two outlets for sludge or solids removal.
- **BELT GUARD**: Two-piece lightweight design along with a perforated guard for visual control.
- **ANTTI-ROTATION CLUTCH**: Prevents pump running in reverse.
- **LEVEL CONTROL**: Enables automatic operation.
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- **DRIVE**: According to the local mining specifications.
- **LADDER**: A lightweight, maneuverable work platform.
- **GALVANIZED BASE FRAME AND PIPWORK**: A protective coating on the skid and pipework to prevent corrosion.
- **SKID BASEPLATE**: Has a compact, bi-directional design and lifting lugs for simple transport.
- **ROTOR AND STATOR**: Can be easily exchanged in place due to patented, movable suction casing. Optimized length, compression and size. Wear and corrosion-resistant materials in a lightweight design.

**MAINTAIN IN PLACE DESIGN**

- **DUMP VALVE MANIFOLD**: Two outlets for sludge or solids removal.
- **LEVEL CONTROL**: Enables automatic operation.

The pump, complete with suction and discharge pipework, can remain in place when changing the rotor and or stator to minimize downtime.
APPLICATIONS

Used in both fixed and mobile installations, this SEEPEX solution confidently conveys erosive mine water for further clarification.

BENEFITS

- Quick and easy maintenance
- Lightweight components
- Compact design
- Robust pumps for small spaces
- Quick access suction casing
- Lower operating costs
- Equal wall stators provide increased pressure capability
- No dismantling of pipework

KEY FACTS

- Conveying capacity: 72 m³/h (20 l/s, 317 USGPM)
- Pressure: up to 24 bar (350 psi)
- Discharge head: up to 240 m (787’)

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