Dewatering Pump

BYRNE EQUIPMENT RENTAL

Equipment Overview

Byrne's high-performance self-priming centrifugal pumps are engineered to handle dewatering applications with reliability and efficiency. Featuring a non-clog impeller, dry-run protection, and automatic priming capability, they deliver consistent performance for clean water, slurry, sludge, and sewage transfer across oil & gas, construction, industrial, infrastructure, municipal, and emergency projects.

Specifications	
Max Flow	590 m³/h
Max Head	43 m
Max Solid Handling	75 mm
Self-Priming Lift	8.8 m
Priming System	Diaphragm Vacuum Pump
Impeller Type	Closed Non-Clog
Fuel Tank Capacity	129 L
Max Working Pressure	10 bar
Suction / Discharge Flange	150 mm Class 150
Other Features	Dry Run Protection

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Applications

Oil & Gas Facilities

Robust pumping solutions for demanding upstream and downstream environments.

Construction Site Dewatering

Rapidly remove groundwater and surface runoff to maintain uninterrupted progress on site.

Flood Control & Emergency Response

High-capacity pumping to manage floodwater and protect critical assets under emergency conditions.

Infrastructure Projects

Reliable dewatering for tunnels, bridges, roads, and utilities. Engineered to handle high volumes across extended project timelines.

Industrial Wastewater Transfer

Designed to meet strict operational and environmental requirements.

Slurry, Sludge & Sewage Handling

Dependable performance for municipal and industrial waste transfer.

WHAT BYRNE OFFERS

Byrne provides complete dewatering services that help keep projects safe, productive, and on schedule. Our engineering team evaluates site conditions, water characteristics, discharge requirements, and operational constraints to deliver a reliable pumping solution tailored to your project.

- **Rapid mobilization across multiple and remote locations**
- **High-performance pumping systems that minimise downtime**
- **Engineering support from initial assessment through project execution**

Enabling operational efficiency through equipment rental and lease solutions

UAE ▮ KSA ▮ Oman ▮ Bahrain