



MERIN PUMPS

DEWATERING PUMPS

4" TO 12" PUMPS

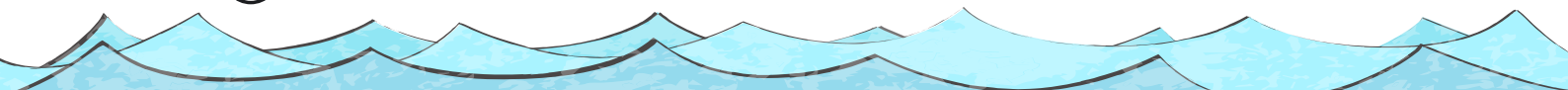


NANOTEC TRADING L.L.C.



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ABOUT US.

Founded in 1994, Merin Pumps began like many others—with a modest start. Each step of the way, we carefully assessed every opportunity and made the most of what came our way. But from the very beginning, we were driven by a vision much larger than our humble origins.

With a passion for innovation and a determination as strong as steel, we set our sights on growth and excellence. Our journey has been fueled by an unwavering commitment to quality and a restless desire to evolve, ensuring that we not only meet but exceed the expectations of our customers.

Today, Merin Pumps stands as a testament to perseverance, craftsmanship, and a relentless pursuit of progress. We continue to move forward with the same dedication and ambition that defined us at the start, constantly pushing the boundaries of what's possible in our industry.



Merin Dewatering Pumps are engineered with a focus on reliability, mobility, and delivering outstanding performance. Designed to meet the demands of various industries, these pumps excel in handling both clean and muddy water across a range of applications.

Our pumps are particularly suited for use in general-purpose industries such as construction, utilities, and civil engineering. They are also ideal for over-pumping in quarries, ensuring efficient water management in challenging environments. Whether it's for temporary water removal or continuous dewatering, Merin Dewatering Pumps offer the durability and power to get the job done with confidence.



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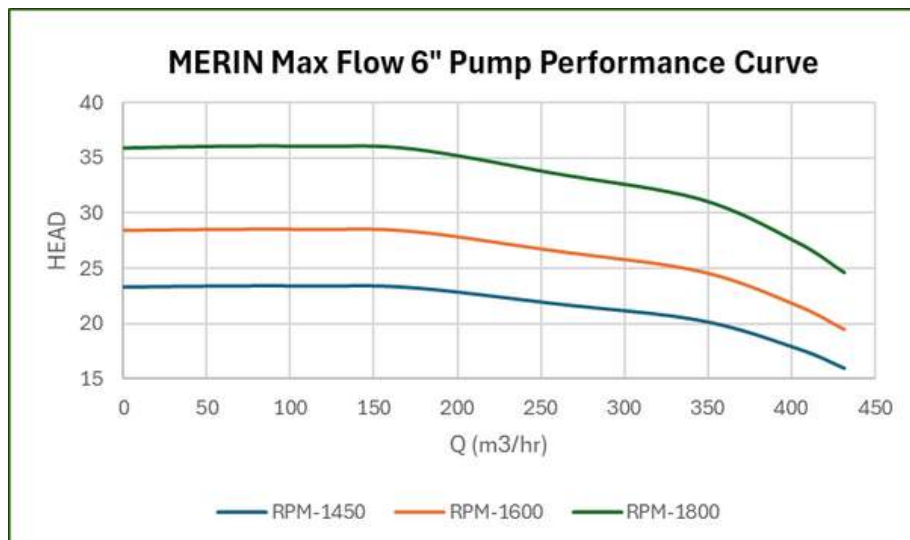
Max Flow Series Dewatering Pumps

Material of Construction

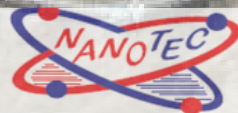
	Bronze Fitted	Cast Iron	All Iron
Casing	Cast Iron	Cast Iron	Cast Iron
Impeller	Bronze	Bronze	Bronze
Wear ring	Cast Iron	Cast Iron	Cast Iron
Shaft	Stainless Steel	Stainless Steel	Stainless Steel
Saft nut	Stainless Steel	Stainless Steel	Cast Iron
Shaft Sleeve	Stainless Steel	Stainless Steel	
Gland	Cast Iron	Cast Iron	Cast Iron



- Discharge max** - 350m³/hr
- Head max** - 35 mtrs
- Suction head** - 8.5mts
- Vacuum pump** - 60cfm
- Suction/Discharge size** -150mm
- Fuel Tank** - 190 lts
- Pump unit size** - 2 mtr x 1.5mtr x 1.2mtr

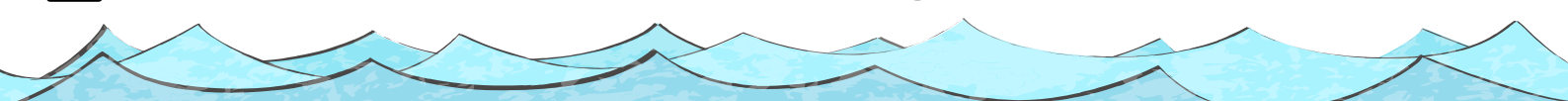


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Engine Details



Engine Model: Kirloskar HA 394
Torque: 143Nm/14.6Kgm
Bore x Stroke: 100 x 120mm
Displacement: 2826cc
Compression Ratio: 17 : 1
Rotation while looking at flywheel: Anti-clockwise
Max. Speed: 2300 rpm
Min. Speed: 1500

Features

Diesel Engine Driven Pumps.

- **Low Fuel Consumption:** Designed for optimal energy efficiency, the when coupled with engine pump minimizes fuel use,
- **Minimal Maintenance Costs:** Built with robust components and wear-resistant materials, the pump requires less frequent servicing,
- **Wet and Dry Self-Priming and Repriming Capabilities:** No need for external priming devices. The pump can automatically prime and re-prime, even when dry.
- **High Suction Lifts up to 9m (30 ft):** Pump is able to lift water from deep sources, ensuring efficient operation in dewatering, sewage bypass, and groundwater control scenarios.
- **Replaceable Wear Parts:** Designed with user serviceability in mind, key components such as wear plates and seals can be easily replaced, extending the life of the pump and reducing the total cost of ownership.



Electric motor Driven Pumps.

- **Electric Motor Efficiency:** Powered by high-efficiency electric motors, they are ideal where electrical power is readily available.
- **Skid-Mounted Design:** The skid-mounted configuration offers a sturdy, compact, and portable solution.
- **Low Operating Costs:** Electric motors generally require less maintenance compared to diesel engine driven.
- **Quite and Clean Operation:** Electric motors run significantly quieter, making these pumps ideal for noise-sensitive environments .
- **Low Vibration and Long Motor Life:** Hence quite eco friendly operation .



Custom Build Configurations:

Three tailored build options:

1. Standard for general-purpose use.
2. Enhanced with added features for more demanding environments.
3. Acoustic, Noise-reducing design for urban areas.



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