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## Self-Priming Pump 3-inch 43-HP

Universal Configuration: Trailer or Skid

MODEL #	
3-inch DSP/HD 3000 43-HP Self Priming Pump	

PUMP SPECS	
Min Flow	100 GPM
Max Flow	780 GPM
Head Range	Up to 130 ft
Discharge Size	3 inches
Suction Size	4 inches
Solids Handling	Solids up to 2 inches
Max Speed	1800 RPM
Percent Solids	Up to 40-70% Solids
Production Rate	45-75 yd <sup>3</sup> /hr



\*Typical Deployment Photo. Dredge pumps can be deployed vertically or horizontally. Photos for general guidance. Contact us for further details.

PARTS	STANDARD MATERIALS
Rotor	High Chrome (EddyChrome) - other materials available
Volute Casing	High Chrome (EddyChrome) - other materials available
Shaft	Chromoly or Stainless Steel
Mechanical Seal	Dual Tungsten Carbide with Self Contained Seal Flushing System
Bearing Housing	Ductile Iron

ENGINE SPECS
<ul style="list-style-type: none"> <li>• 43-HP (32 kW) Diesel Engine Tier IV (Tier III International)</li> <li>• Liquid Cooled, 12 Volt Power In-Line 4 Cycle Turbo Charge Diesel</li> <li>• Electronic Fuel System</li> <li>• Manual Control Panel</li> <li>• Estimated Fuel Consumption - 1.8 GPH</li> </ul>

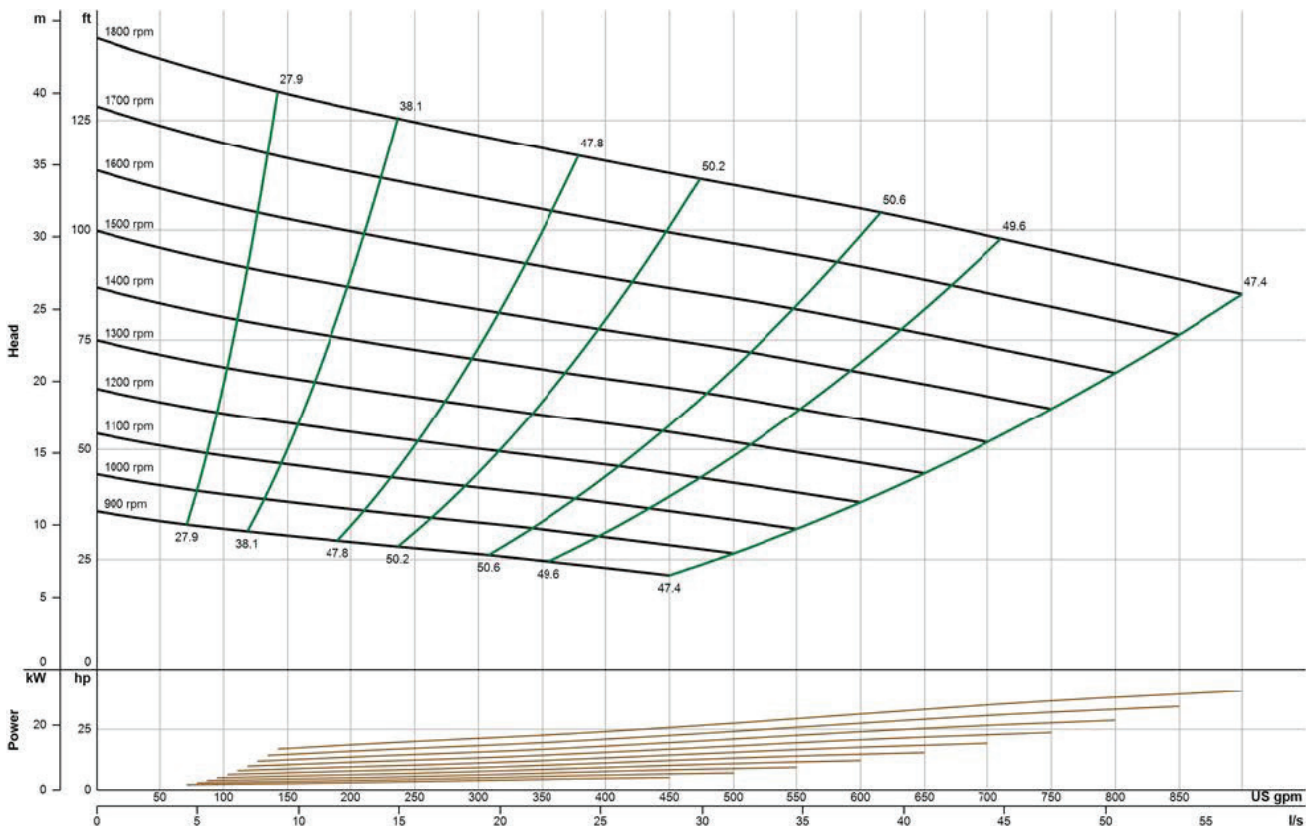
**We pump up to 70% solids, not water.**

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**PUMP CURVE**

A pump curve is a graphical representation of a pumps ability to produce flow against a certain head. The science is matching a curve that is accurate for your project, leading to the proper pump selection and best efficiency. **EDDY Pumps** are primarily used for high solids, slurry, sludge, and dewatering.

**EDDY Pump - Self-Priming Pump 3-inch 43-HP - Pump Curve**



\*General pump curve based on water at 1200 RPM. Contact us with your specific material for a custom pump curve.

**CONTACT US**



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