Self-Priming Pump - 4 Inch 49-HP

MODEL #
4-Inch DSP/HD 4000 49-HP Self Priming Pump

STANDARD CONFIGURATION
- 4-Inch EDDY Pump
- 49-HP Kubota Diesel Engine
- 6k Single Axle Trailer w/ 16” 10ply Trailer Tires
- 96 Gallon Fuel Cell
- 3 Position 2-5/16 HD Hitch
- Over the Road Light Package
- Integrated Lifting Ball w/ Dual 8k Leveling Jacks
- Accessories: Work Light, Flow Gauge & 4 D-Ring Tie Downs

PUMP SPECS

| MIN FLOW  | 250 GPM |
| MAX FLOW  | 1200 GPM |
| HEAD RANGE| Up to 200 ft |
| DISCHARGE SIZE | 4 inch |
| SUCTION SIZE  | 6 inch |
| SOLIDS HANDLING | Solids up to 3 inches |
| MAX SPEED   | 1800 RPM |
| PERCENT SOLIDS | Up to 40-70% Solids |

PARTS

- **ROTOR**: High Chrome 28%, Ductile Iron, Stainless Steel, Duplex Stainless - Various sizes and custom metals available.
- **VOLUTE CASING**: High Chrome 28%, Ductile Iron, Stainless Steel, Duplex Stainless - Custom metals available.
- **SHAFT**: Chromoly or Stainless Steel
- **MECHANICAL SEAL**: Dual Tungsten or Silicon Carbide Mechanical Seal with Self Contained Seal Flushing System
- **BEARING HOUSING**: Ductile Iron or Stainless Steel

ENGINE SPECS

- 49-HP (93kW) Kubota Diesel Engine - Model V2403-MDI
- Liquid Cooled, 12 Volt Power In-Line 4 Cycle Turbo Charge Diesel
- Electronic Fuel System
- Manual Control Panel
- 2 Year 2000-Hour Warranty

*Typical Deployment Photo. Dredge pumps can be deployed vertically or horizontally. Photos for general guidance. Contact us for further details.*
A pump curve is a graphical representation of a pump's 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.

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

**WE PUMP SOLIDS, NOT WATER**