

Self-Priming Pump - 4 Inch 74-HP

MODEL

4-Inch DSP/HD 4000 74-HP Self Priming Pump

STANDARD CONFIGURATION

- 4-Inch EDDY Pump
- 74-HP Tier-4 John Deere 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 Bail w/ Dual 8k Leveling Jacks
- Accessories: Work Light, Flow Gauge & 4 D-Ring Tie Downs



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

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

PARTS	STANDARD MATERIALS
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

- 75-HP Diesel Engine – John Deere PowerTech EWX 4.5L
- 12 Volt Power In-Line 4 Cycle Turbo Charge
- Tier 4 Engine
- Electronic Fuel System
- Manual Control Panel

ENGINE PERFORMANCE DATA

Engine Speed (rpm)	2400	2200	2000	1800	1600	1400	1200	1000
Power (hp)	74	74	74	72	68	59	48	36
Torque (lb-ft)	162	176	194	212	224	212	209	193
BsFC (lb/hp-hr)	0.459	0.435	0.413	0.394	0.390	0.397	0.385	0.369

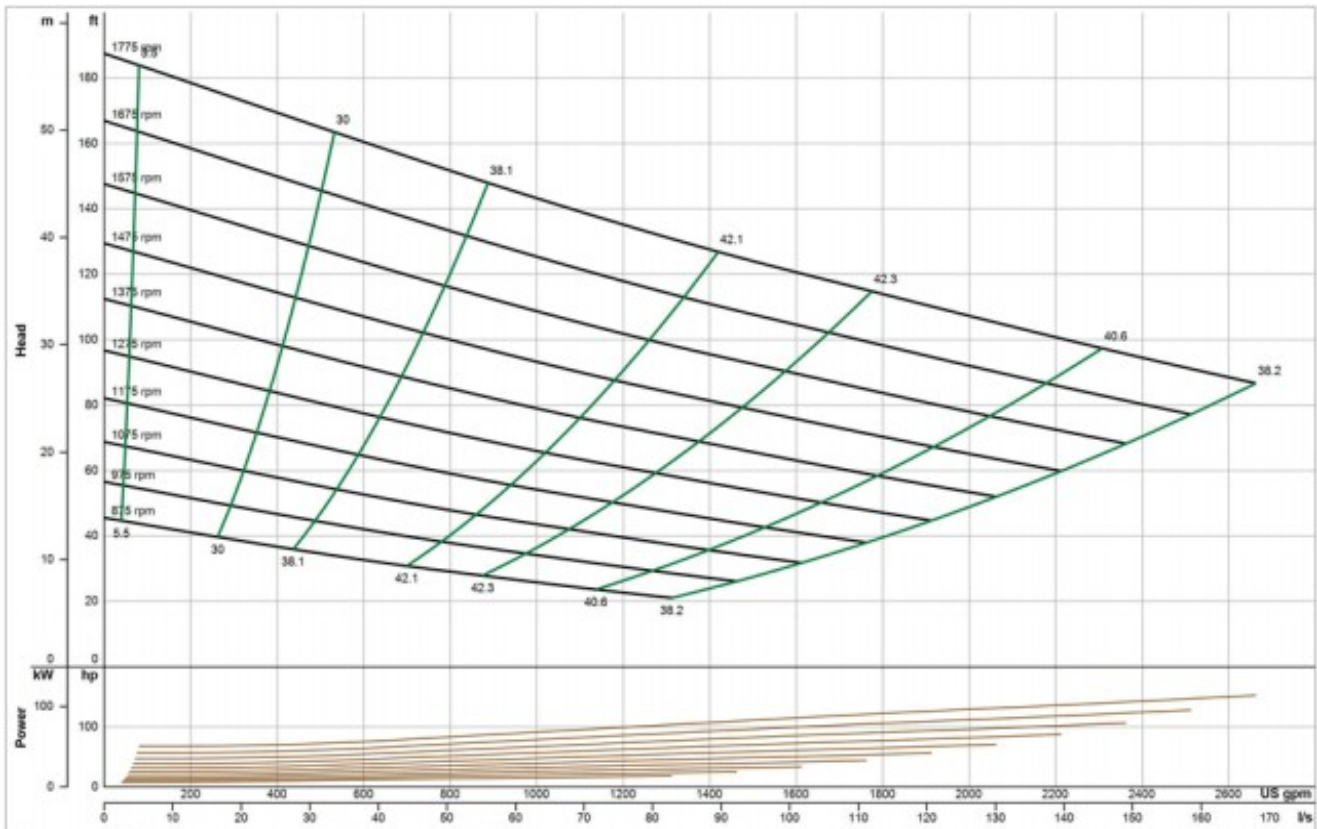


PUMP CURVE

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 - 4 Inch - Pump Curve



Please contact Eddy Pump to accommodate selections outside of the normal operating range.

*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

CONTACT US



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