

## Self-Priming Pump - 4 Inch 125-HP

### MODEL #

4-Inch DSP/HD 4000 125-HP Self Priming Pump

### STANDARD CONFIGURATION

- 4-Inch EDDY Pump
- 125-HP 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

- 125-HP Diesel Engine - Model
- Liquid Cooled, 12 Volt Power In-Line 4 Cycle Turbo Charge
- Electronic Fuel System
- Manual Control Panel
- 2 Year 2000-Hour Warranty

### ENGINE PERFORMANCE DATA

Engine Speed (rpm)	2400	2200	2000	1800	1600	1400	1200	1000
Power (hp)	125	125	120	115	108	94	81	67
Torque (lb-ft)	273	298	316	334	355	354	354	354
BsFC (lb/hp-hr)	0.395	0.388	0.382	0.375	0.365	0.369	0.363	0.358
Fuel (gph)	7.0	6.8	6.5	6.1	5.2	4.9	4.1	3.4

WE PUMP SOLIDS, NOT WATER

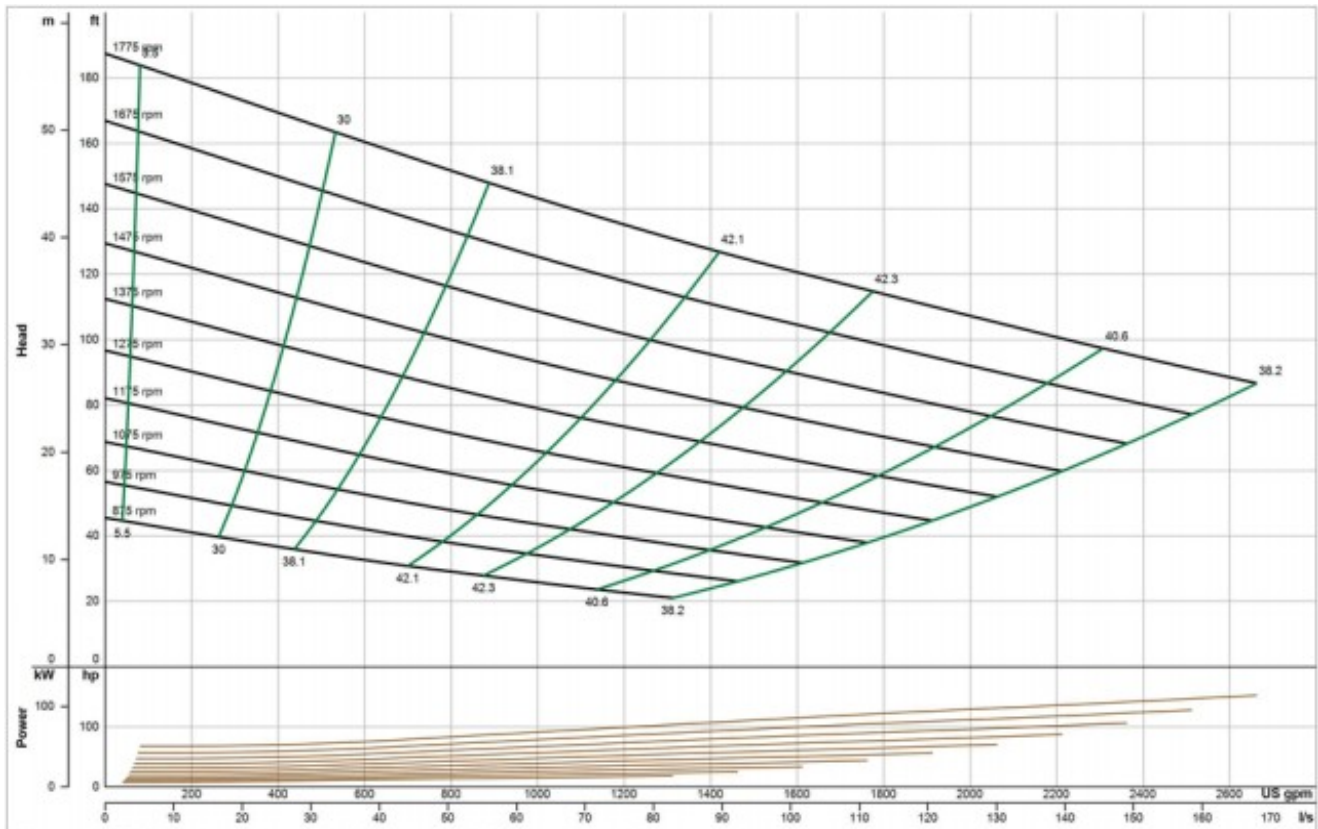


## PUMP CURVE

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.

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**CONTACT US**



**(619) 258-7020**



**info@EddyPump.com**