

## Hydraulic Diver Operated Dredge - 4 Inch

### MODEL #

4-Inch DHP 4000 Diver Operated Dredge

### OPERATING LEVELS

<b>MIN FLOW</b>	250 GPM
<b>MAX FLOW</b>	1200 GPM
<b>HEAD RANGE</b>	Up to 200 ft
<b>DISCHARGE SIZE</b>	4 inch
<b>SUCTION SIZE</b>	6 inch
<b>SOLIDS HANDLING</b>	Solids up to 3 inches
<b>PERCENT SOLIDS</b>	Up to 40-70% Solids



\*Typical Deployment Photo. Photos for general guidance. Contact us for further details.

### GENERAL SPECS

Production: 700-1000 GPM or 50-100 cubic yards of material per hour	
Hi-Chrome EDDY Pump w/ Dual Mechanical Seal	4 inch
Hydraulic Power Unit Needed	5000 PSI or Greater
Overall Weight (without optional equipment)	3,500 lbs
Submersible Hydraulic Motor	100 HP
Variable Frequency Drive	100 HP
Pump Frame and Trailer (Optional)	
Single Suction for One Diver Operation (Suction Nozzle Included)	

**EDDY Pump Hydraulic Diver Operated Dredges** are non-clog pumps designed for high solids industrial pumping applications. Our patented pump technology outperforms all centrifugal, vortex and positive displacement pumps in a variety of the most difficult pumping applications.

Available in alternative power options and pump sizes depending on your application.

#### Applications

- Dredging
- Marine Construction
- Harbor Maintenance
- IntraCoastal Waters

#### Features and Benefits

- Non-Clog, High Viscosity, High Specific Gravity, High Abrasives, Low pH Pumping Design
- Transport 40-70% Solids
- Ability to pump objects of up to 3-inches in diameter

#### Fluid Pumped

- Sand
- Mud
- Sediment
- Sludge
- Harbor Debris

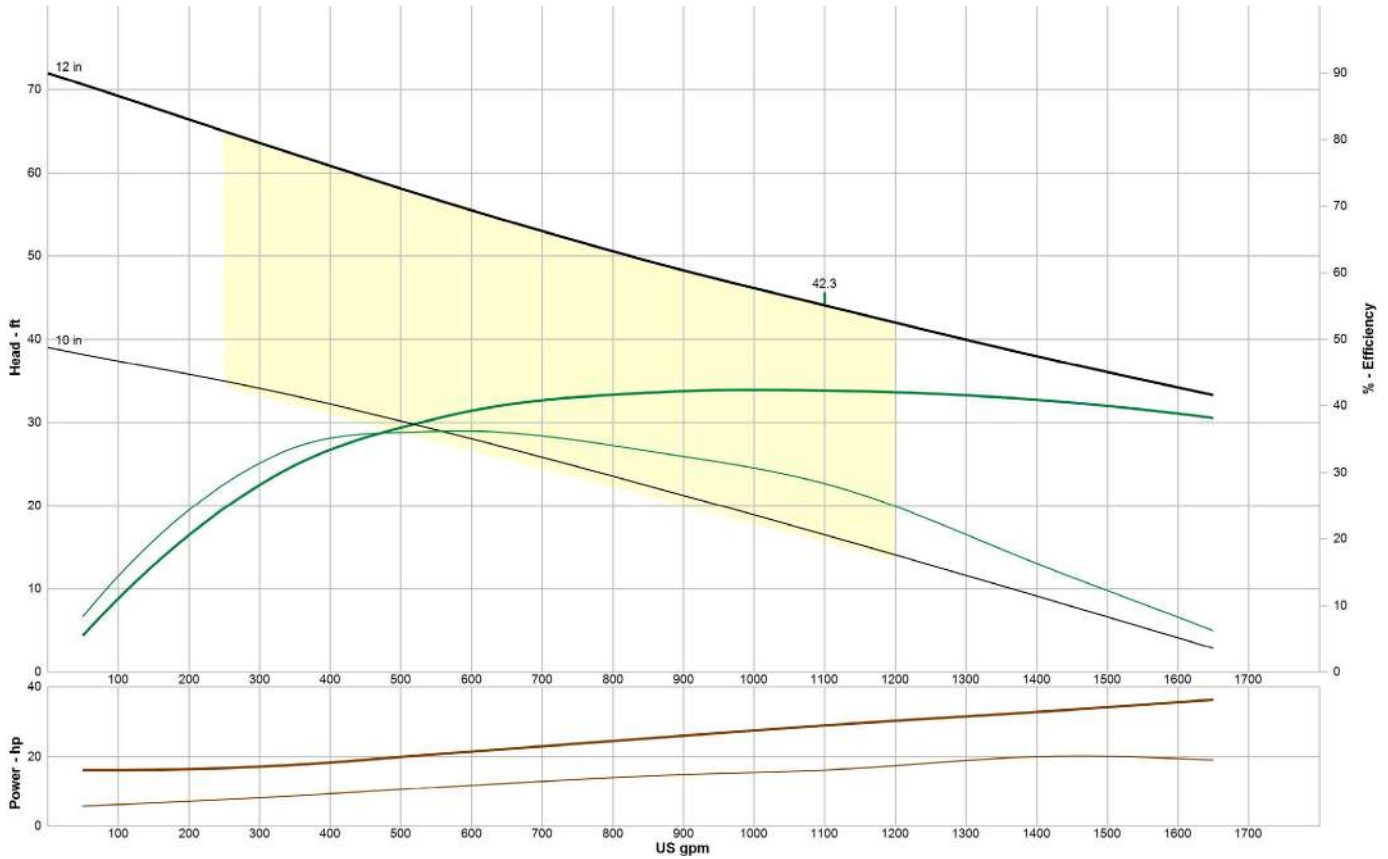


## PUMP CURVE

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 DHP 4000 Diver Operated Dredge - Pump Curve**



\*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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