

## Remote/Autonomous Dredge - 8 Inch (AD-8000)

MODEL #	
AD-8000	
OPERATING LEVELS	
MIN FLOW	800 GPM
MAX FLOW	4000 GPM
HEAD RANGE	Up to 200 ft
DISCHARGE SIZE	8 inch
SUCTION SIZE	10 inch
SOLIDS HANDLING	Solids up to 7 inches
MAX SPEED	1800 RPM
PERCENT SOLIDS	Up to 40-70% Solids
CU YD MATERIAL HR	250-300



\*Typical Attachment Photo. Photos For General Guidance. Contact Us For Further Details.

### INCLUDED EQUIPMENT

- 8 inch High Chrome EDDY Pump with 500-hp Electric Motor or 500-hp Diesel Engine
- 75-hp HPU (Hydraulic Power Unit)
- Floating Dredge
- Cutterhead or Auger
- Shore-Mounted Pilot House with Controls

### REQUIRED EQUIPMENT TO OPERATE

- 8-inch DAE Slurry hose and Floats
- If going with the electric option, a generator or power source is needed

### OPTIONAL EQUIPMENT TO ENHANCE OPERATION OF DREDGE

- Wireless Doppler Flow Meter
- RTK/GPS System for Precision Real-time Dredging

**EDDY Pump dredges** are equipped with 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

- Mining (Mineral Recovery)
- Lagoon Dredging
- Sand & Agg
- Shallow Industrial Ponds
- Dams
- Fly Ash & Coal Ash

### 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 9-inches in diameter

### Fluid Pumped

- Sludge
- Slurry
- Bio-Sludge
- Mine Tailings
- Minerals
- Sand Mixtures

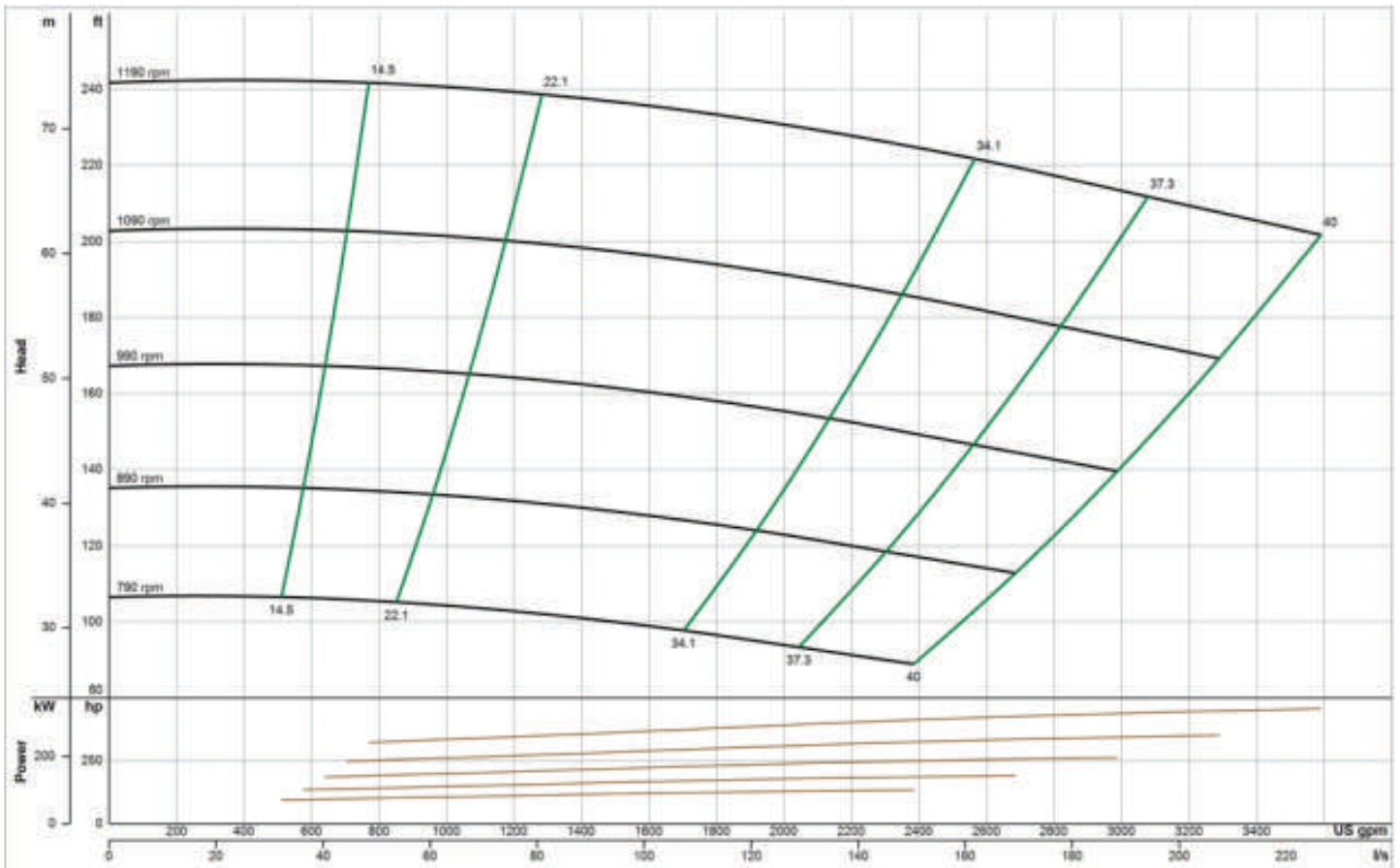
GENERAL SPECS		
Head with 500hp Motor or Engine	Up to 200 feet	60 m
Overall Weight	35,000 lbs	15,875 kg
Overall Length	40 feet	12.1 m
Overall Height	10 feet	3 m
Overall Width	16 feet	4.8 m
Standard Operating Depths	30 feet	9.1 m

## 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 - 8 Inch HD 8000 - Heavy Duty Slurry Pump - 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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