

Remote/Autonomous Dredge - 10 Inch (AD-10000)

MODEL #	
AD-10000	
OPERATING LEVELS	
MIN FLOW	1200 GPM
MAX FLOW	5000 GPM
HEAD RANGE	Up to 200 ft
DISCHARGE SIZE	10 inch
SUCTION SIZE	12 inch
SOLIDS HANDLING	Solids up to 9 inches
MAX SPEED	1800 RPM
PERCENT SOLIDS	Up to 40-70% Solids
CU YD MATERIAL HR	300-350



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

INCLUDED EQUIPMENT

- 10 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

- 10-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	Features and Benefits	Fluid Pumped
• Mining (Mineral Recovery) • Lagoon Dredging • Sand & Agg • Shallow Industrial Ponds • Dams • Fly Ash & Coal Ash	• 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	• Sludge • Slurry • Bio-Sludge • Mine Tailings • Minerals • Sand Mixtures

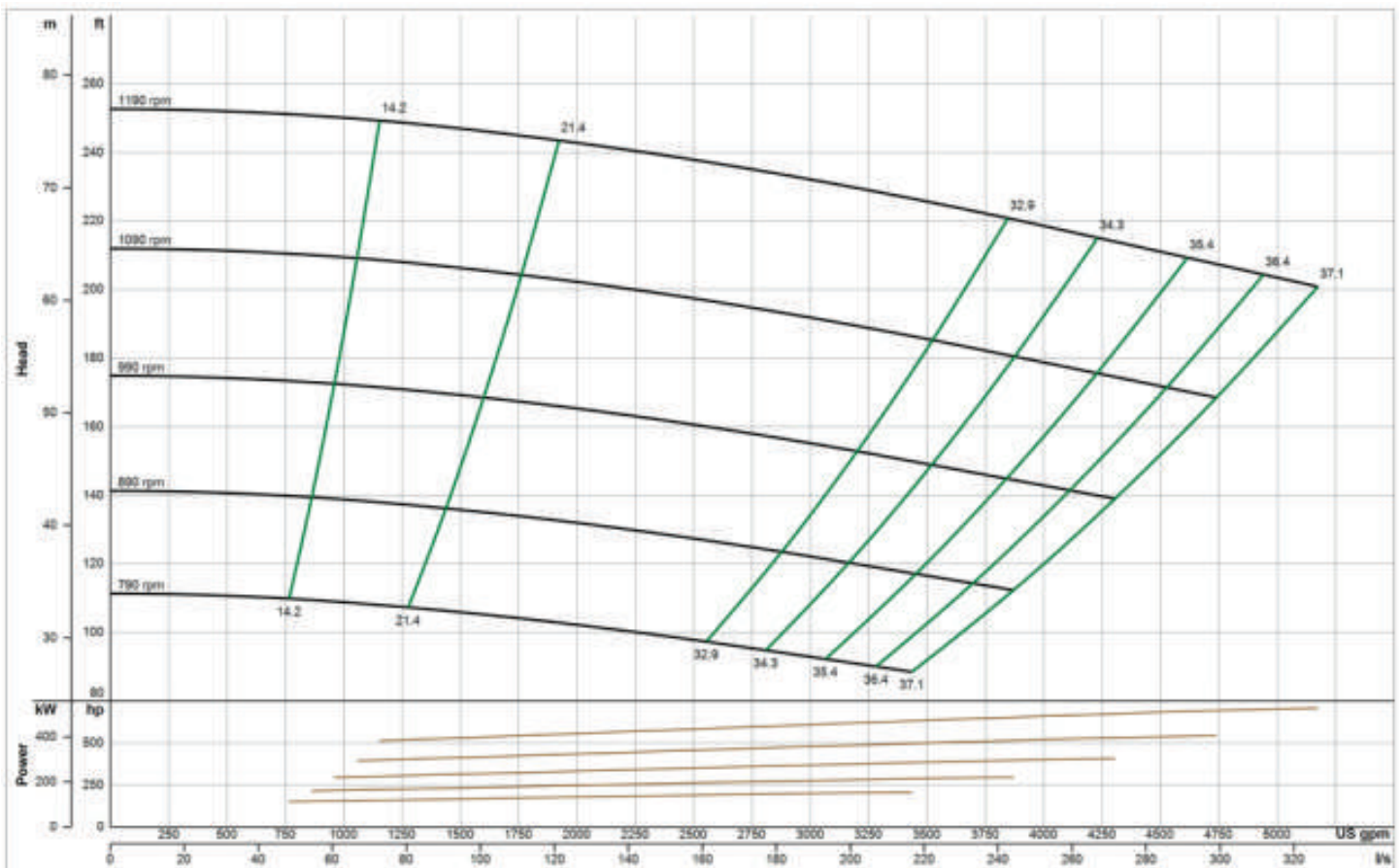
GENERAL SPECS		
Head with 500hp Motor or Engine	Up to 200 feet	60 m
Overall Weight	35,000 lbs	15,875 kg
Overall Length	40 feet	12.1 m
Overall Height	10 feet	3 m
Overall Width	16 feet	4.8 m
Standard Operating Depths	30 feet	9.1 m

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 - 10 Inch HD 10000 - 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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