

Remote/Autonomous Dredge - 12 Inch (AD-12000)

MODEL #	
AD-12000	
OPERATING LEVELS	
MIN FLOW	1800 GPM
MAX FLOW	7000 GPM
HEAD RANGE	Up to 200 ft
DISCHARGE SIZE	12 inch
SUCTION SIZE	14 inch
SOLIDS HANDLING	Solids up to 11 inches
MAX SPEED	1800 RPM
PERCENT SOLIDS	Up to 40-70% Solids
CU YD MATERIAL HR	500-600



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

INCLUDED EQUIPMENT

- 12 inch High Chrome EDDY Pump with 700-hp Electric Motor or 700-hp Diesel Engine
- 100-hp HPU (Hydraulic Power Unit)
- Floating Dredge
- Cutterhead or Auger
- Shore-Mounted Pilot House with Controls

REQUIRED EQUIPMENT TO OPERATE

- 12-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 700hp Motor or Engine	Up to 200 feet	60 m
Overall Weight	50,000 lbs	22,679 kg
Overall Length	50 feet	15.2 m
Overall Height	12 feet	3.6 m
Overall Width	18 feet	5.4 m
Standard Operating Depths	30 feet	9.1 m

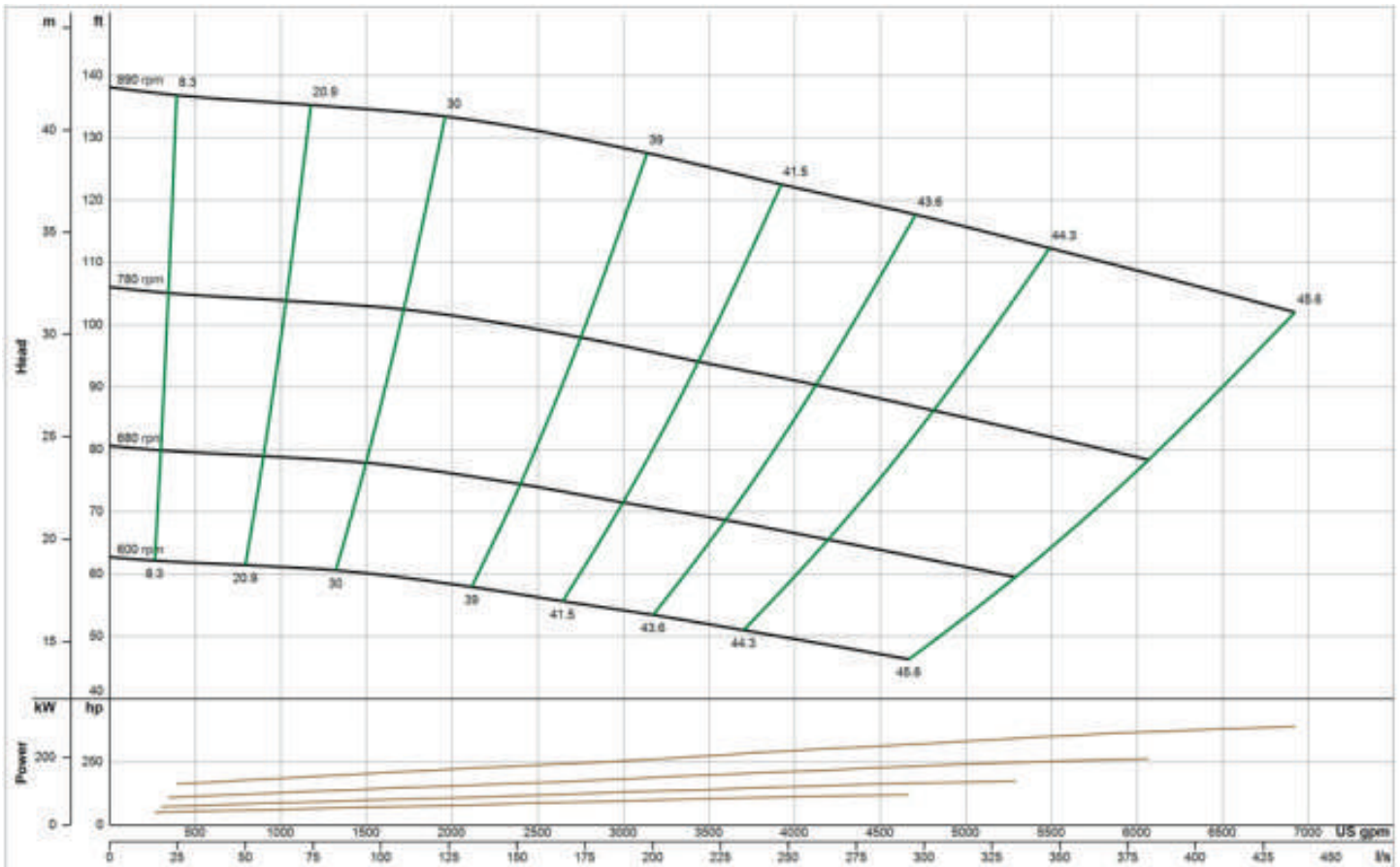


PUMP CURVE

A pump curve is a graphical representation of a pump's 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 - 12 Inch HD 12000 - Heavy Duty Slurry Pump - Pump Curve



*General pump curve based on water with 900 RPM motor. Contact us with your specific material for a custom pump curve.

WE PUMP SOLIDS, NOT WATER

CONTACT US



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