EDDY PUMP CORPORATION

MADE IN USA

Booster Pump Diesel Powered Direct Drive 550HP – 8-Inch

MODEL #
HDX 8000 with 550 HP Diesel Engine

OPERATING LEVELS	
MIN FLOW	1400 GPM
MAX FLOW	3600 GPM
HEAD RANGE	Up to 230 ft
DISCHARGE SIZE	8 inch
SUCTION SIZE	10 inch
SOLIDS HANDLING	Solids up to 7 inches
MOTOR SPEED	1200 RPM
PERCENT SOLIDS	Up to 40-70% Solids
PRODUCTION RATE	250-300 yd^3 material/hr

*Typical Deployment Photo. Dredge pumps can be deployed vertically or horizontally. Photos for general guidance. Contact us for further details.

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

EDDY Pump Heavy Duty Slurry Pumps 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

- Mining
- Chemical
- Sand & Agg
- Oil and Gas
- Paper & Pulp
- 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 12-inches in diameter with 12-in pump

Fluid Pumped

- Sludge
- Slurry
- Drilling Mud
- Mine Tailings
- Grit
- Sand Mixtures

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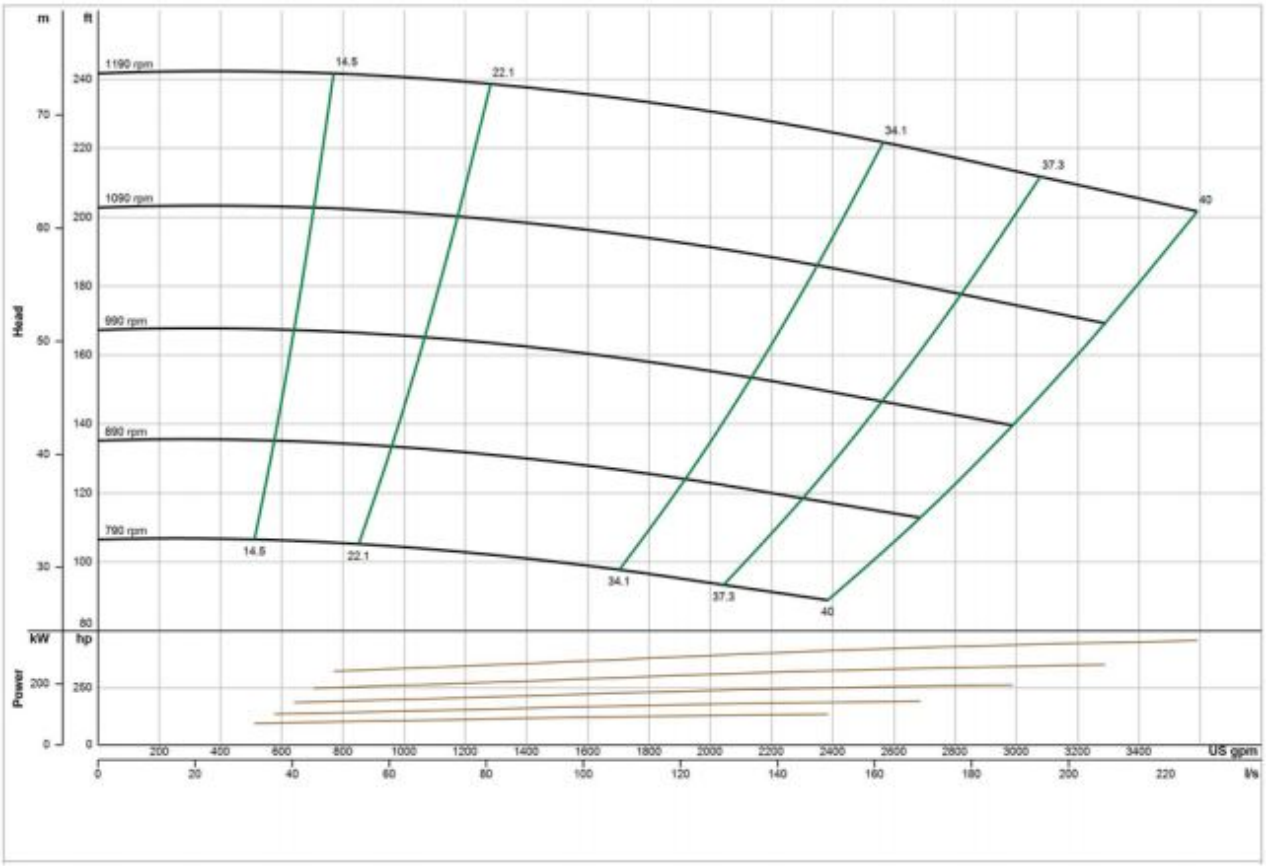
PUMP CURVE

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 with 1200 RPM motor. Contact us with your specific material for a custom pump curve.

WE PUMP SOLIDS, NOT WATER

CONTACT US

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