

## Self-Priming Pump – 12-Inch 700 HP, Skid or Trailer

MODEL #	
DSP-12000 with 700 HP Tier-4 Diesel Engine	

OPERATING LEVELS	
MIN FLOW	2600 GPM
MAX FLOW	7300 GPM
HEAD RANGE	Up to 180 ft
DISCHARGE SIZE	12 inch
SUCTION SIZE	14 inch
SOLIDS HANDLING	Solids up to 12 inches
MOTOR SPEED	1800 RPM
PERCENT SOLIDS	Up to 40-70% Solids



\*Typical Self Prime trailer unit. Can be skid mounted also. 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 Self-Priming 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

### Fluid Pumped

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

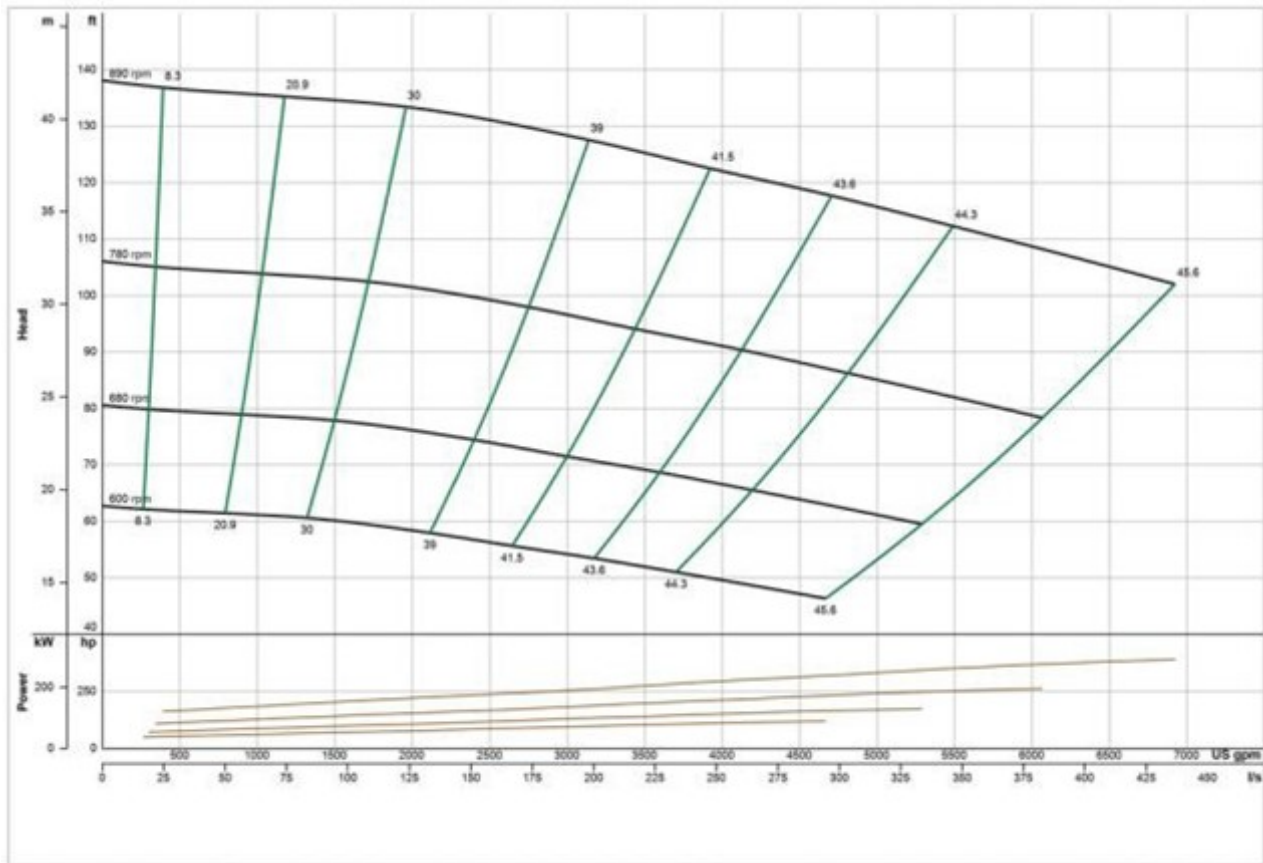
WE PUMP SOLIDS, NOT WATER



## 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 - 12 Inch - Pump Curve



\*General pump curve based on water with 1200 RPM motor. Contact us with your specific material for a custom pump curve.

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**CONTACT US**



**(619) 258-7020**



**info@EddyPump.com**