

Hydraulic Excavator Pump Attachment - 6 Inch

MODEL #	
6-Inch EXF 6000 Hydraulic Excavator Attachment	

OPERATING LEVELS	
MIN FLOW	450 GPM
MAX FLOW	2500 GPM
HEAD RANGE	Up to 200 ft
DISCHARGE SIZE	6 inch
SUCTION SIZE	8 inch
SOLIDS HANDLING	Solids up to 5 inches
MAX SPEED	1800 RPM
PERCENT SOLIDS	Up to 40-70% Solids
PRODUCTION RATE	150-200 yd ³ material/hr



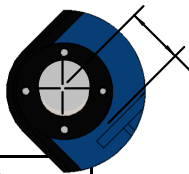
*Typical Attachment Photo. Photos for general guidance. Contact us for further details.

RECOMMENDED SENSORS
Hydraulic Pressure Gauge for pumps and cutter head circuit to operator (0-6000 PSI)
Magnetic Flow meter to maintain stable plug free pipeline flow and maximize production

REQUIRED EQUIPMENT TO OPERATE ATTACHMENT
EDDY Pump circuit requirements from excavator auxiliary power OR from Hydraulic Power Unit 57 GPM at 5000 PSI (180cc motor)
Cutterhead circuit requirements from excavator auxiliary power OR from Hydraulic Power Unit 12-18 GPM at 5000 PSI (1340cc motor)
6" material handling discharge hose and hydraulic lines plumbed out to the end of the boom
Crossover check valve to prevent damage to hydraulic motor and prevent pump rotor from coming off
Minimum excavator carrier weight requirements: 20-45 tons / 18,000-40,000 kg

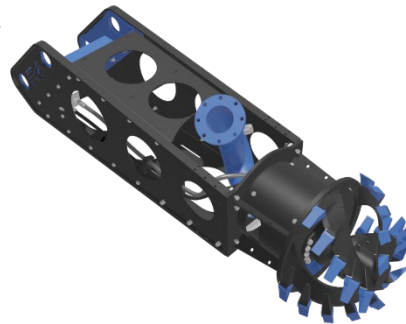
MAXIMUM LINKAGE CROSS SECTION

[114mm]
4.5in



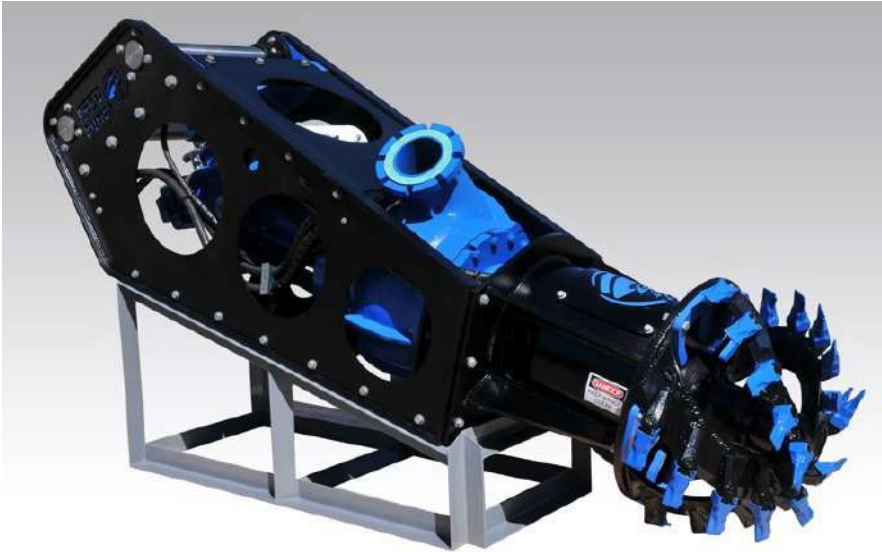
STANDARD SIZING	
PART #	SIZE
01425	Ø 80 MM
12877	Ø 90 MM
06661	Ø 100 MM
01042	Ø 110 MM

*CUSTOM SIZES AVAILABLE UPON REQUEST



(EXF6K Frame, Elbow Discharge, Cutterhead ONLY No Pump)





EDDY Pump industrial Excavator Dredge Pump Attachments 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

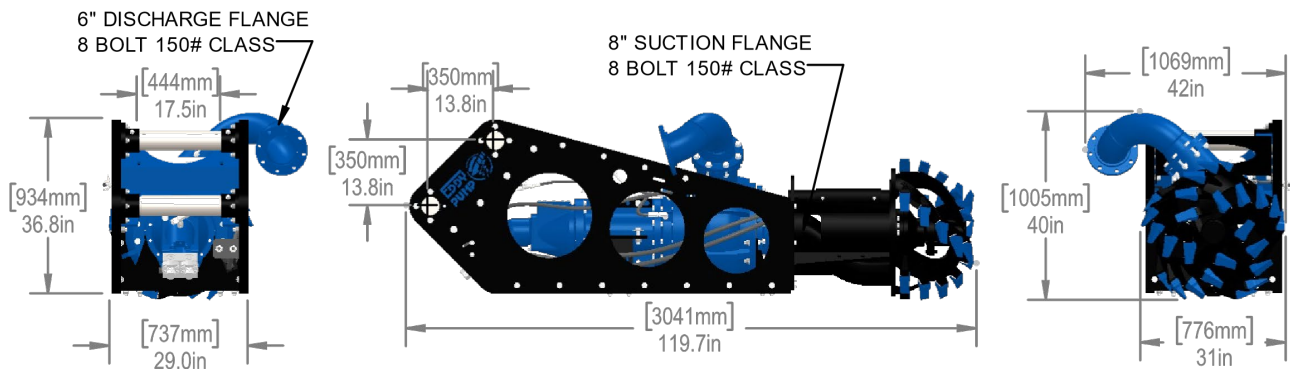
FEATURES & BENEFITS

- 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

APPLICATIONS

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

GENERAL SPECS		
Overall Weight (without optional equipment)	4,800 lbs	2,177 kg
EXF6K Frame, Discharge Elbow and Cutterhead (No pump)	1800 lbs	816 kg



OPTIONAL EQUIPMENT TO ENHANCE OPERATION OF DREDGE

Magnetic flow meter

Discharge line pressure gauge (0-150 psi)

"Quick Prime" Valve (requires small 24volt air system)

Pivot mounted Discharge hose carrier (adaptable to most machines)

Recirculation system for pre-mixing applications (requires small 24 volt air system)



STANDARD CUTTER HEAD



SELF-CLEANING HEAD



WATER JETTING RING



LINER-SAFE WHEELS



EXTENDED CUTTER HEAD



RE-CIRCULATION



AUGER HEAD

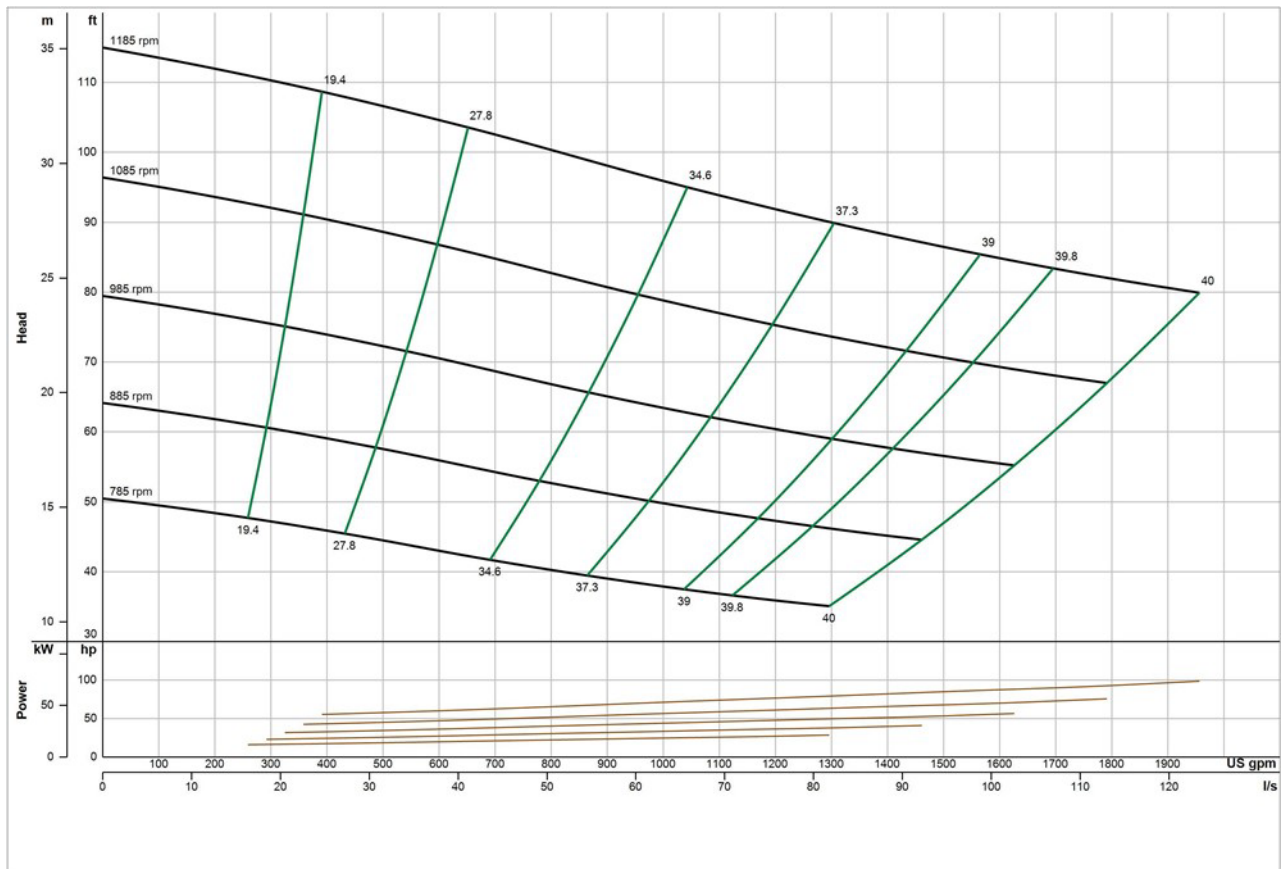


MIXER HEADS

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 - 6 Inch HD 6000 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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