EDDY PUMP CORPORATION

MADE IN USA

Hydraulic Excavator Pump Attachment - 12 Inch

MODEL #
12-Inch EXF 12000 Hydraulic Excavator Attachment

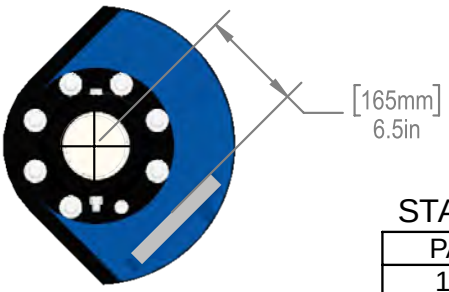
OPERATING LEVELS	
MIN FLOW	2600 GPM
MAX FLOW	7300 GPM
HEAD RANGE	Up to 180 ft
DISCHARGE SIZE	12 inch
SUCTION SIZE	14 inch
SOLIDS HANDLING	Solids up to 11 inches
MAX SPEED	900 RPM
PERCENT SOLIDS BY WEIGHT	40-70%
PRODUCTION RATE	500-600 yd^3 material/hr

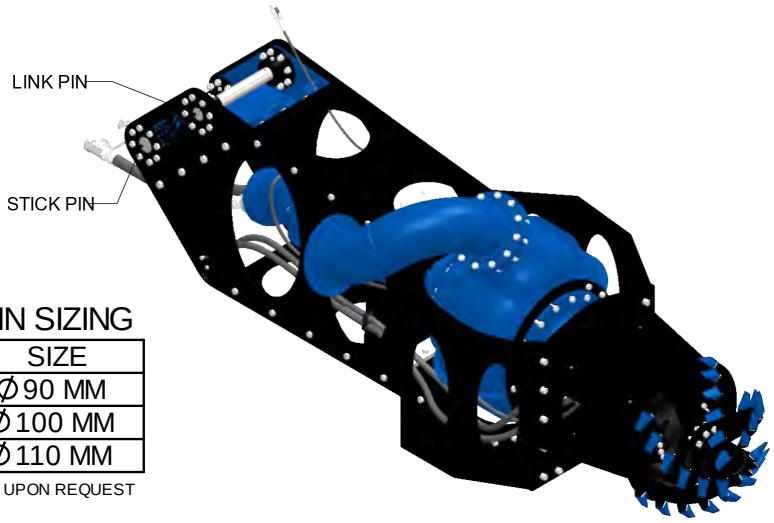
*Typical Attachment Photo. Photos for general guidance. Contact us for further details.

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 160 GPM at 5000 PSI (700cc motor)
Cutterhead circuit requirements from excavator auxiliary power OR from Hydraulic Power Unit 20-28 GPM at 5000 PSI (2150cc motor)
12” 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: 60-94 tons / 54,400-85,000 kg

MAXIMUM LINKAGE CROSS SECTION





STANDARD PIN SIZING

PART #	SIZE
12877	Ø90 MM
06661	Ø100 MM
01042	Ø110 MM

*CUSTOM SIZES AVAILABLE UPON REQUEST

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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

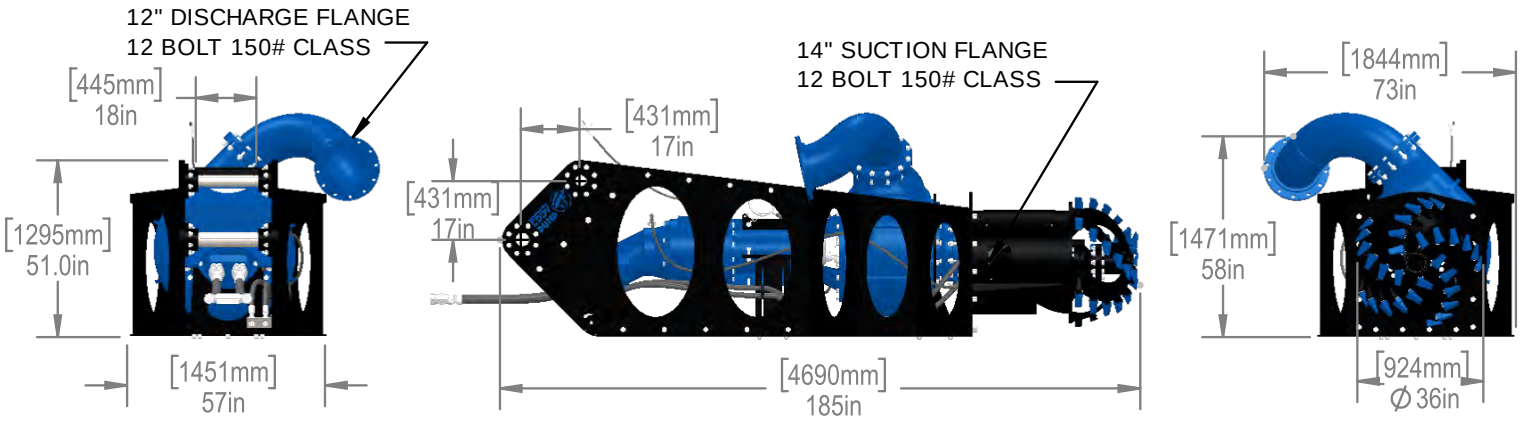
Features and Benefits

- Non-Clog, High Viscosity, High Specific Gravity, High Abrasives, Low pH Pumping Design
- Handles up to 70% Solids by Weight
- 12 Inch - Ability to pump objects of up to 11-inches in diameter

Fluid Pumped

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

GENERAL SPECS		
Overall Weight (without optional equipment)	9,500 lbs	4,310 kg



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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

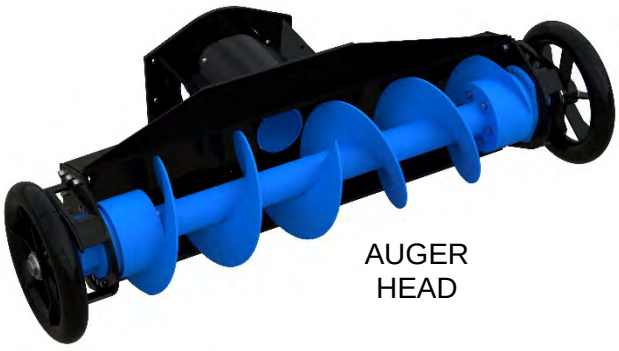
SELF-CLEANING HEAD

WATER JETTING RING

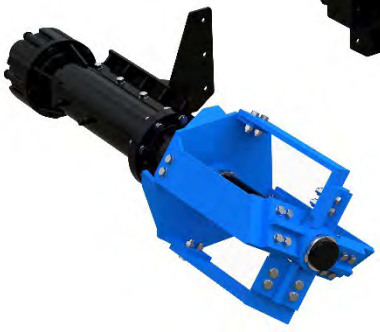
LINER-SAFE WHEELS

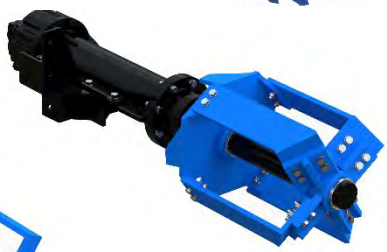
EXTENDED CUTTER HEAD

RE-CIRCULATION



AUGER HEAD





MIXER HEADS

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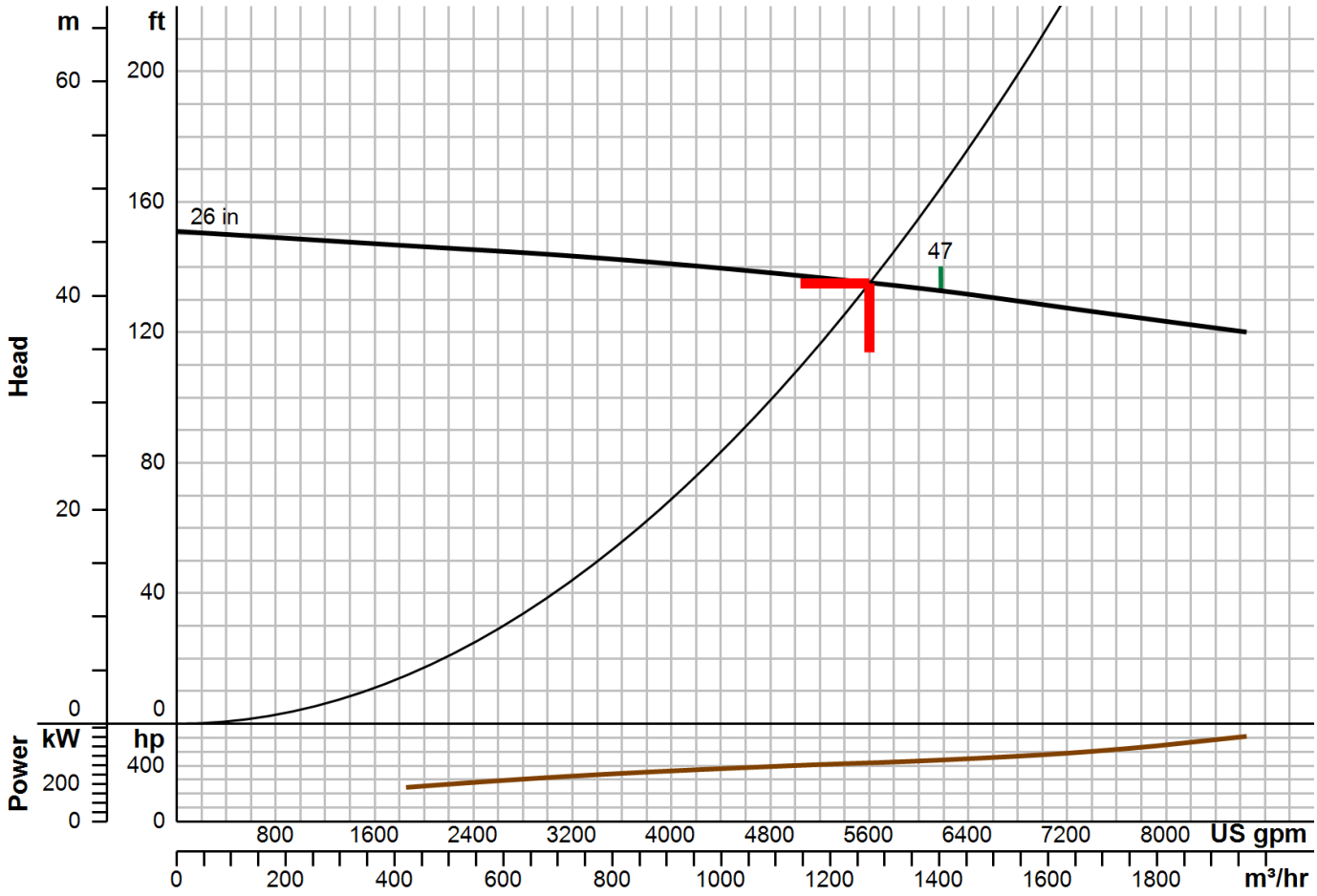
Pump Curve

HD-12000 ELECTRICAL 26-INCHES ROTOR 500 HP

EXF - 12000 Hydraulic Excavator Pump Attachment – Pump Curve



The EXF-12000 utilizes the HD-12000 pump wet end. The performance curve shown represents the HD-12000 wet-end performance used in the EXF-12000 excavator attachment configuration.

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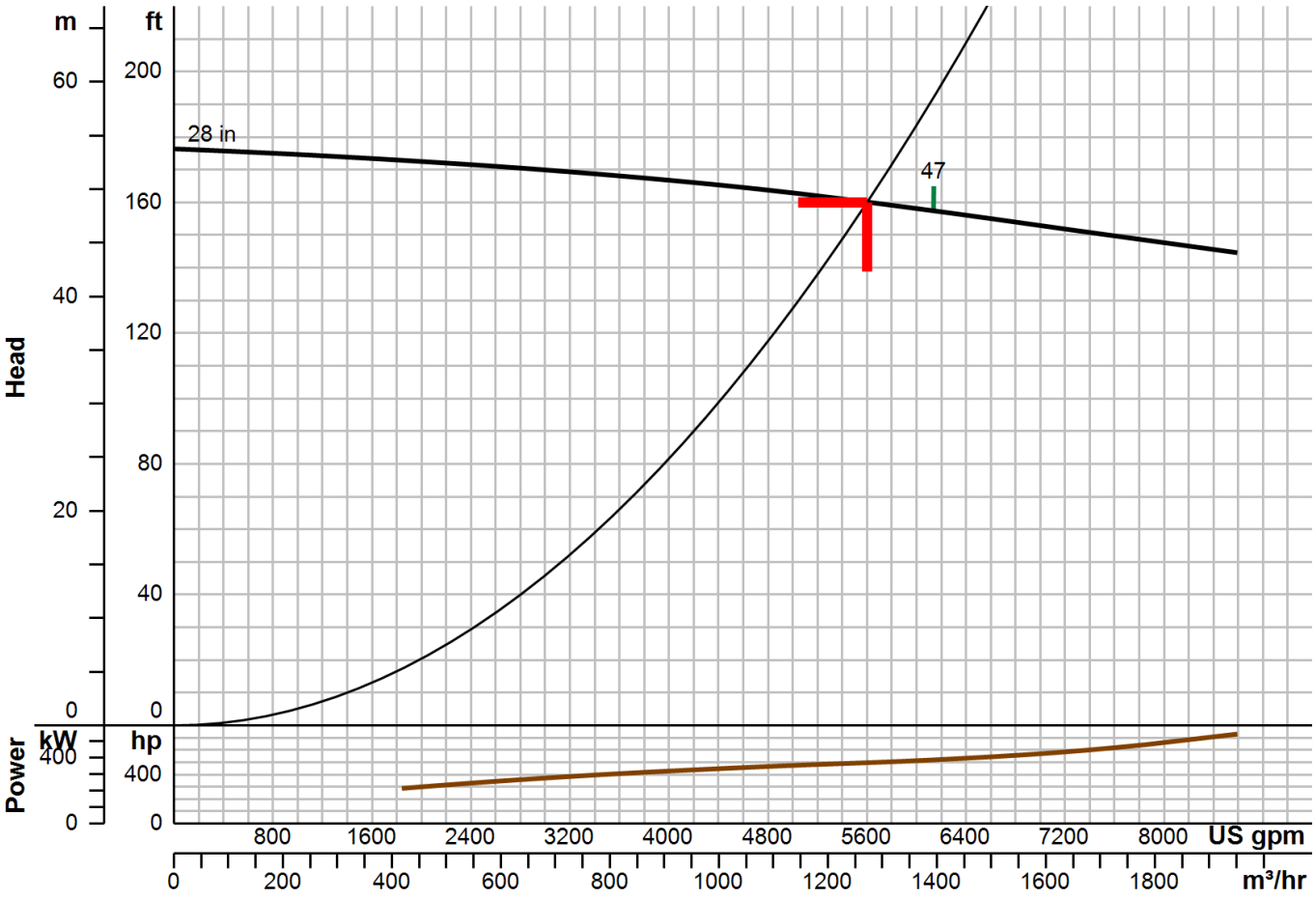
HD-12000 ELECTRICAL 28-INCHES ROTOR 600 HP



The EXF-12000 utilizes the HD-12000 pump wet end. The performance curve shown represents the HD-12000 wet-end performance used in the EXF-12000 excavator attachment configuration.

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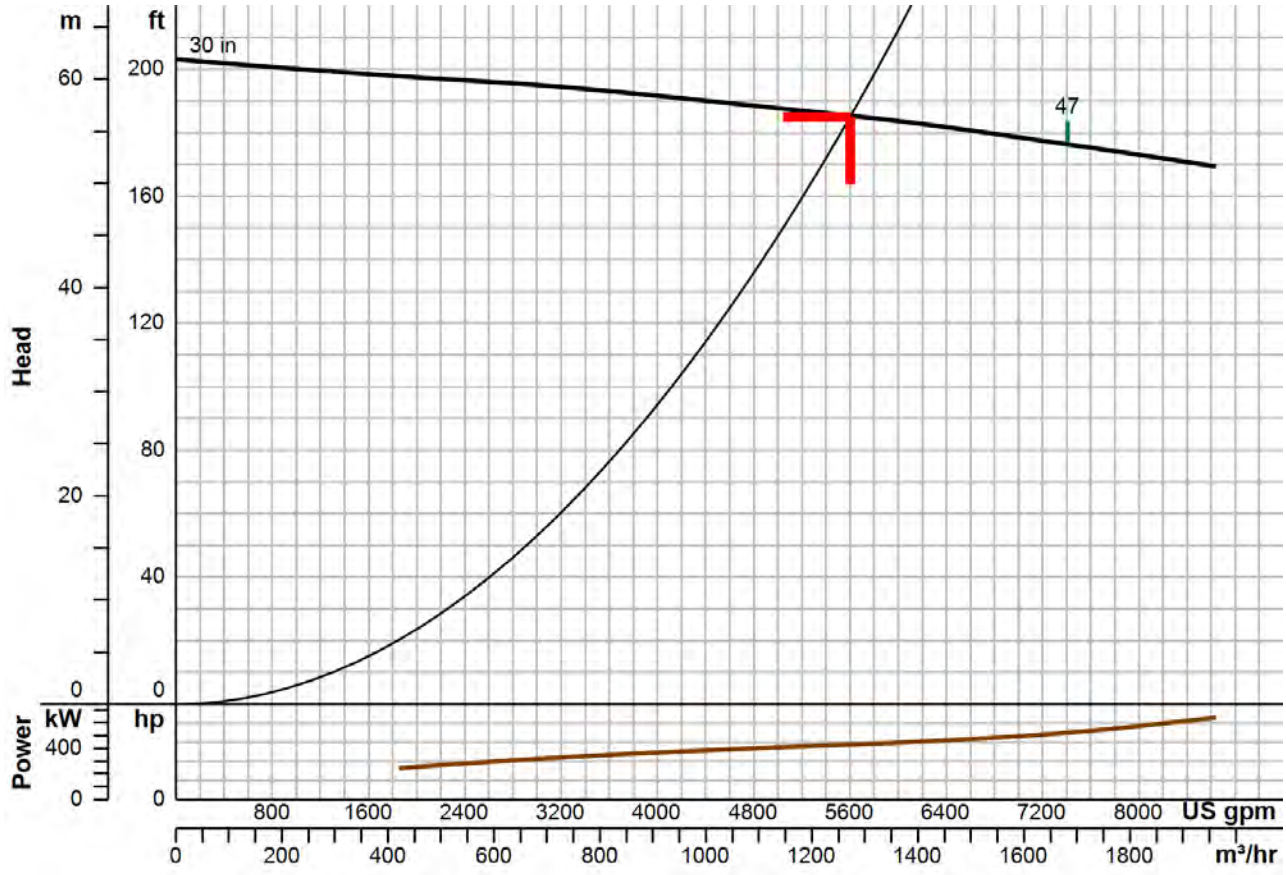
HD-12000 ELECTRICAL 30-INCHES ROTOR 700 HP



The EXF-12000 utilizes the HD-12000 pump wet end. The performance curve shown represents the HD-12000 wet-end performance used in the EXF-12000 excavator attachment configuration.

WE PUMP SOLIDS, NOT WATER

CONTACT US

(619) 404-1916

info@eddypump.com