EDDY PUMP CORPORATION

MADE IN USA

Hydraulic Excavator Pump Attachment - 10 Inch

MODEL #
10-Inch EXF 10000 Hydraulic Excavator Attachment

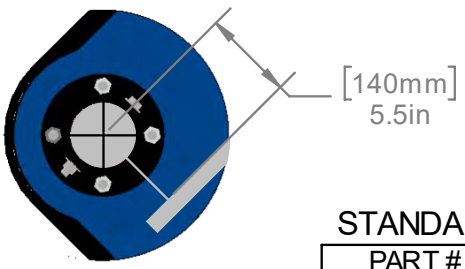
OPERATING LEVELS	
MIN FLOW	1600 GPM
MAX FLOW	5000 GPM
HEAD RANGE	Up to 240 ft
DISCHARGE SIZE	10 inch
SUCTION SIZE	12 inch
SOLIDS HANDLING	Solids up to 9 inches
MAX SPEED	1200 RPM
PERCENT SOLIDS BY WEIGHT	40-70%
PRODUCTION RATE	300-350 yd^3 material/hr

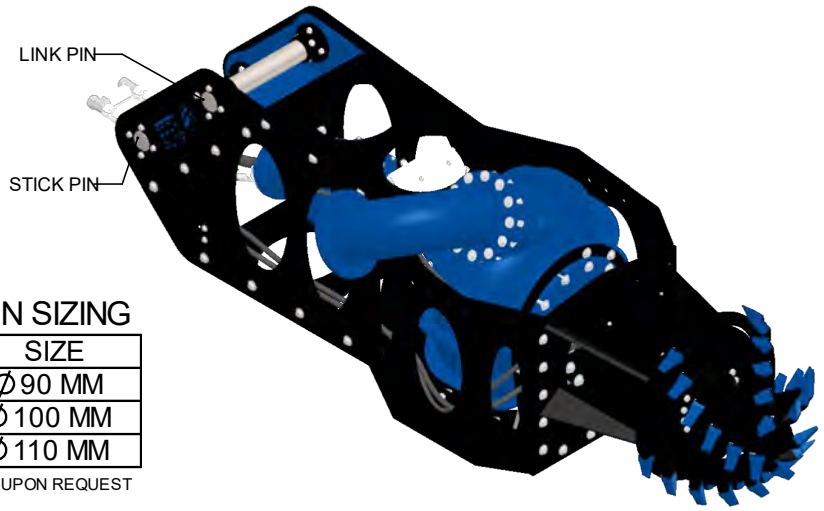
*Typical Attachment Photo. Photos for general guidance. Contact us for further details.

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 120 GPM at 5000 PSI (500cc motor)
Cutterhead circuit requirements from excavator auxiliary power OR from Hydraulic Power Unit 20-28 GPM at 5000 PSI (2150cc motor)
10” 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

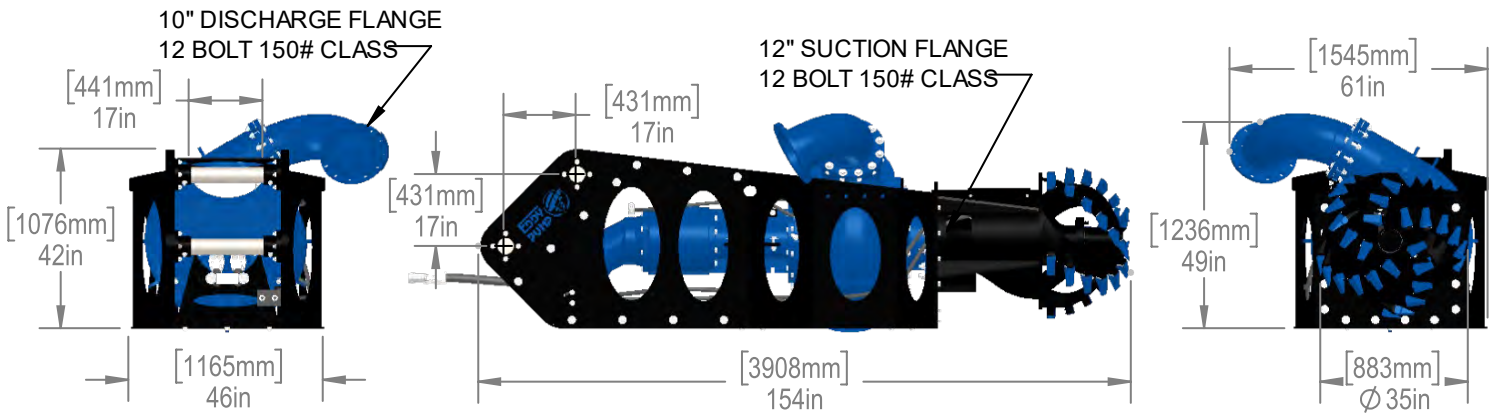
Features and Benefits

- Non-Clog, High Viscosity, High Specific Gravity, High Abrasives, Low pH Pumping Design
- Handles up to 70% Solids by Weight
- 10 Inch - Ability to pump objects of up to 9-inches in diameter

Fluid Pumped

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

GENERAL SPECS		
Overall Weight (without optional equipment)	7,500 lbs	3,400 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

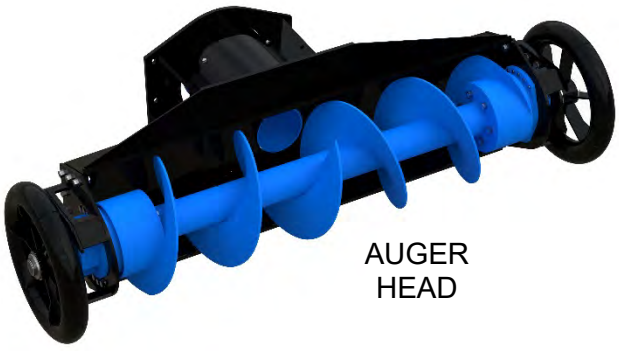
SELF-CLEANING HEAD

WATER JETTING RING

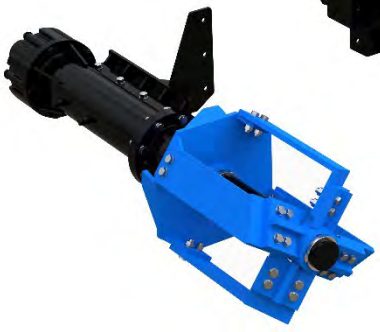
LINER-SAFE WHEELS

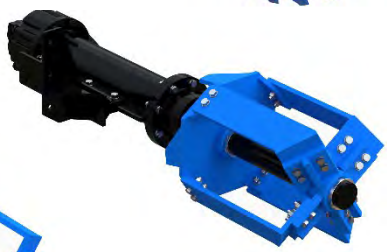
EXTENDED CUTTER HEAD

RE-CIRCULATION



AUGER HEAD





MIXER HEADS

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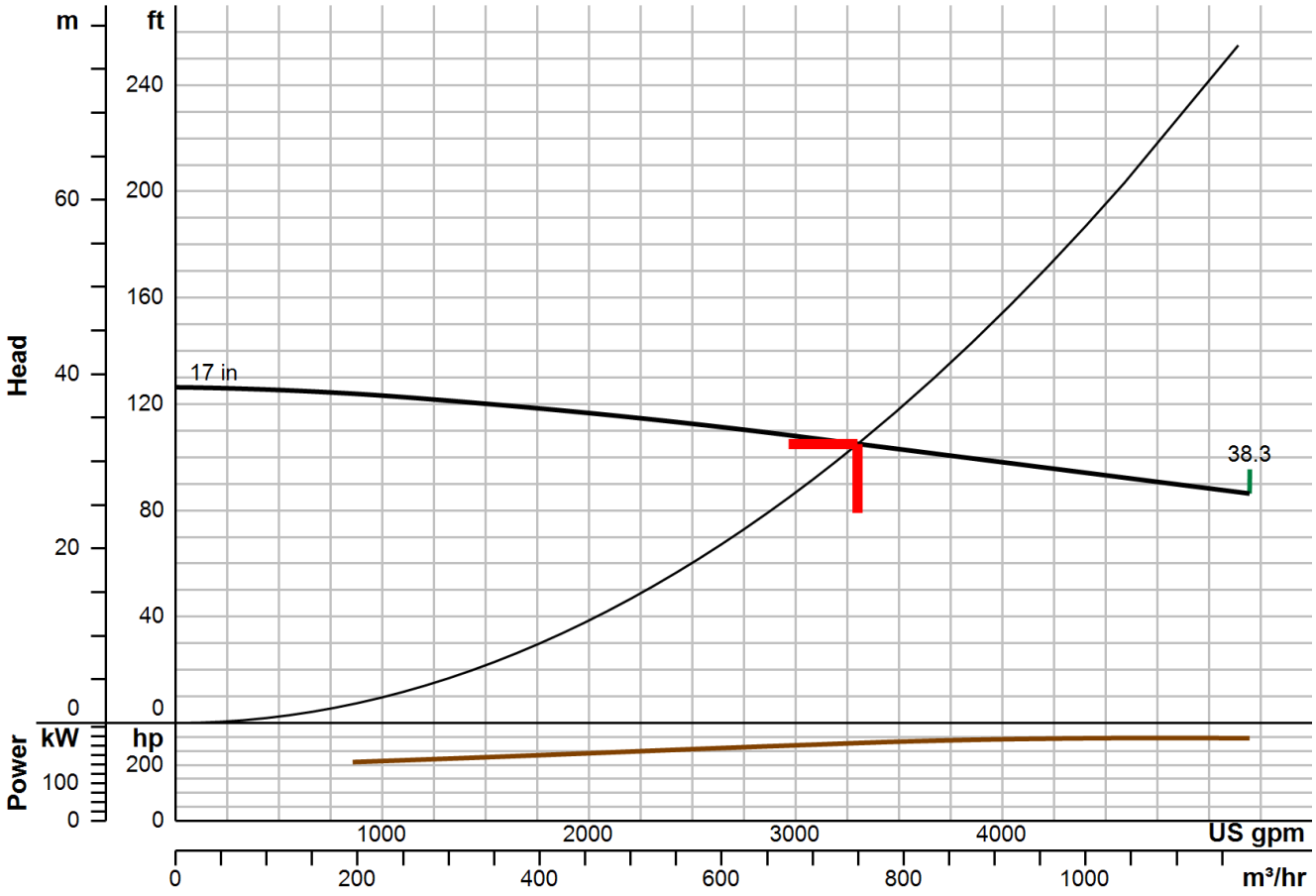
Pump Curve

HD-10000 ELECTRICAL 17-INCHES ROTOR 300 HP

EXF - 10000 Hydraulic Excavator Pump Attachment – Pump Curve



The EXF-10000 utilizes the HD-10000 pump wet end. The performance curve shown represents the HD-10000 wet-end performance used in the EXF-10000 excavator attachment configuration.

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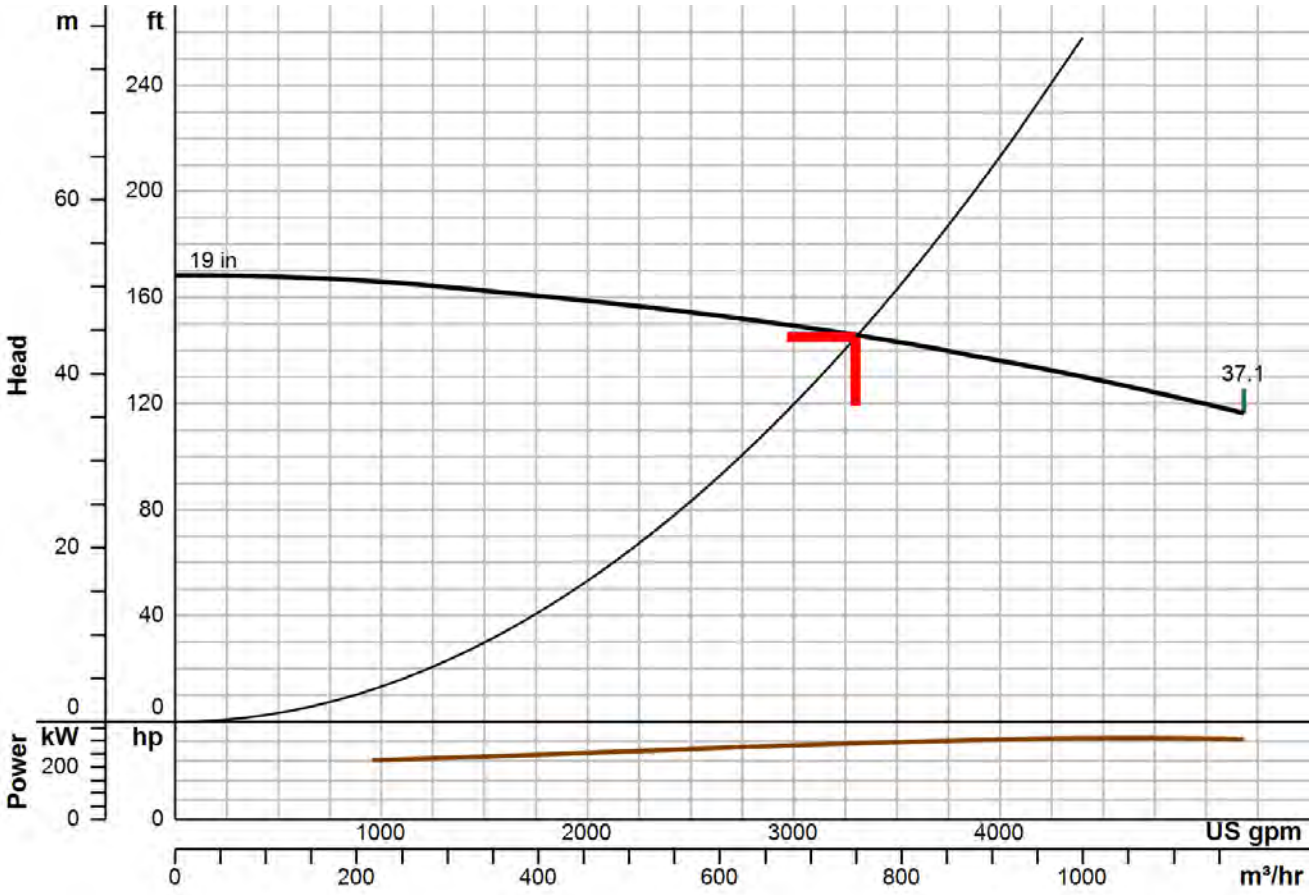
HD-10000 ELECTRICAL 19-INCHES ROTOR 400 HP



The EXF-10000 utilizes the HD-10000 pump wet end. The performance curve shown represents the HD-10000 wet-end performance used in the EXF-10000 excavator attachment configuration.

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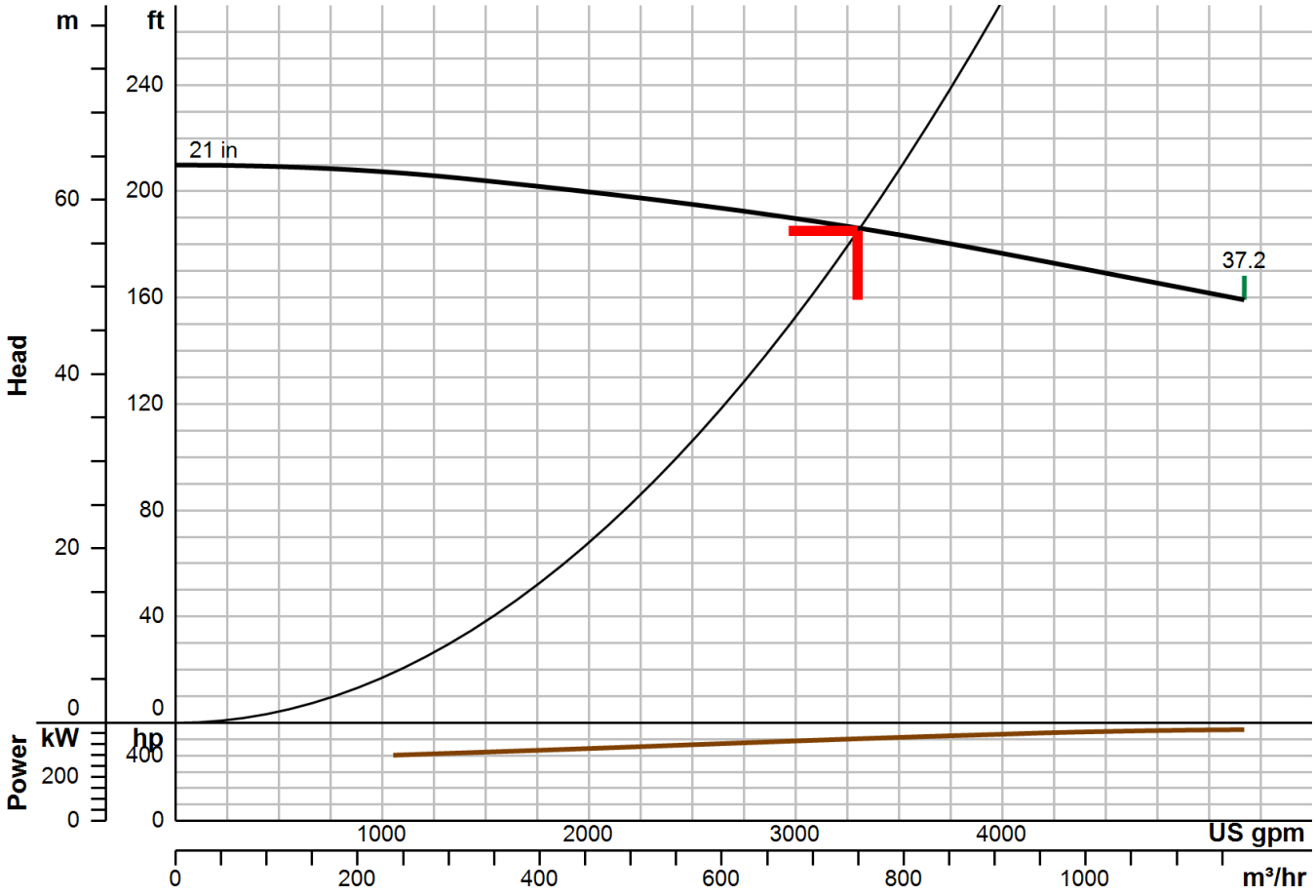
HD-10000 ELECTRICAL 21-INCHES ROTOR 500 HP



The EXF-10000 utilizes the HD-10000 pump wet end. The performance curve shown represents the HD-10000 wet-end performance used in the EXF-10000 excavator attachment configuration.

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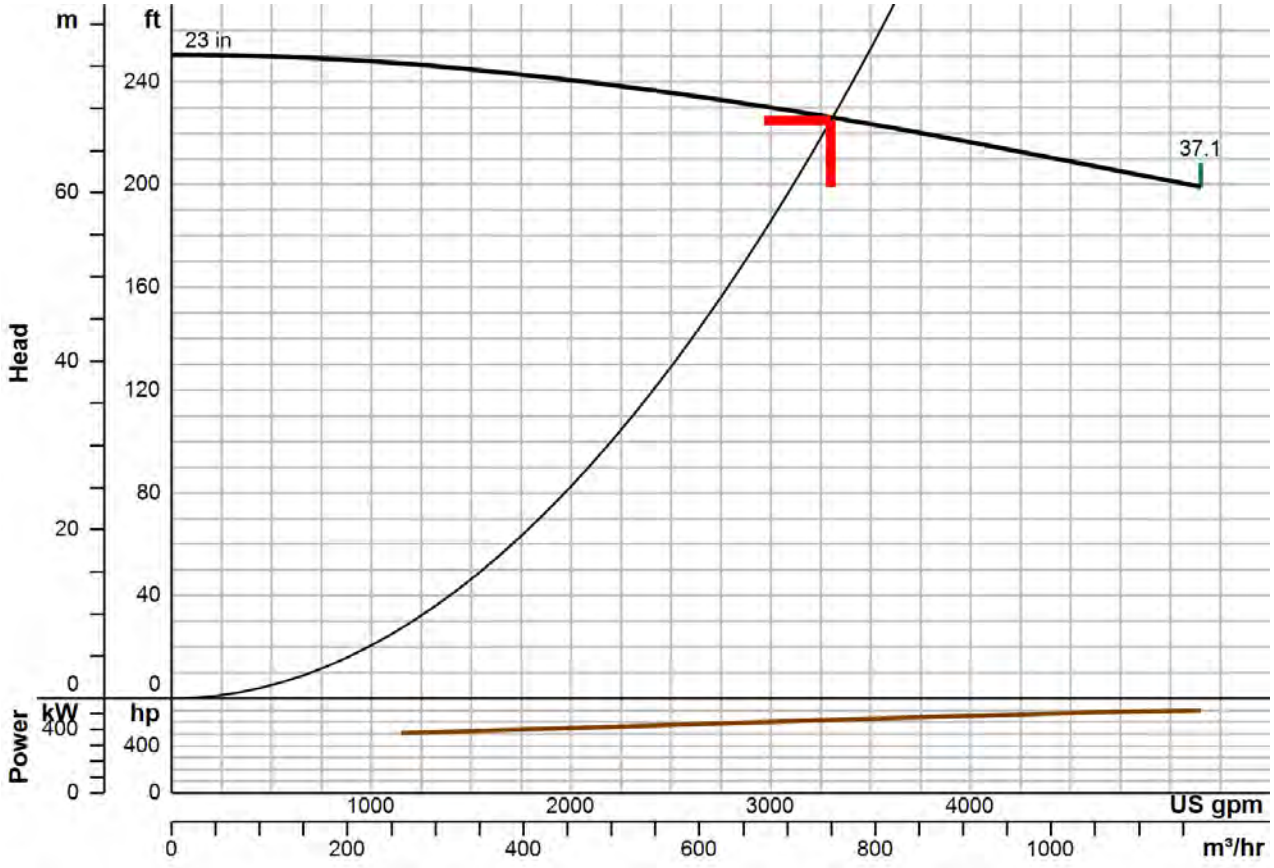

The EXF-10000 utilizes the HD-10000 pump wet end. The performance curve shown represents the HD-10000 wet-end performance used in the EXF-10000 excavator attachment configuration.

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CONTACT US

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