

Hydraulic Excavator Pump Attachment - 4 Inch

| MODEL # | |
|--|-----------------------|
| 4-Inch EXH 4000 Hydraulic Excavator Attachment | |
| OPERATING LEVELS | |
| MIN FLOW | 250 GPM |
| MAX FLOW | 1200 GPM |
| HEAD RANGE | Up to 200 ft |
| DISCHARGE SIZE | 4 inch |
| SUCTION SIZE | 6 inch |
| SOLIDS HANDLING | Solids up to 3 inches |
| MAX SPEED | 1800 RPM |
| PERCENT SOLIDS | Up to 40-70% Solids |
| CU YD MATERIAL HR | 75-150 |

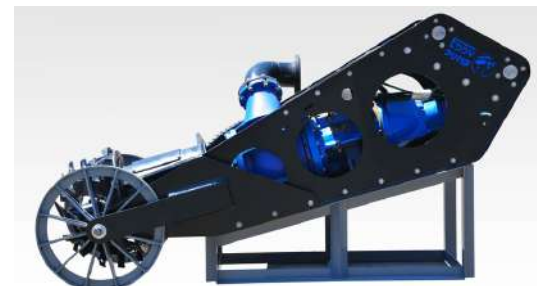
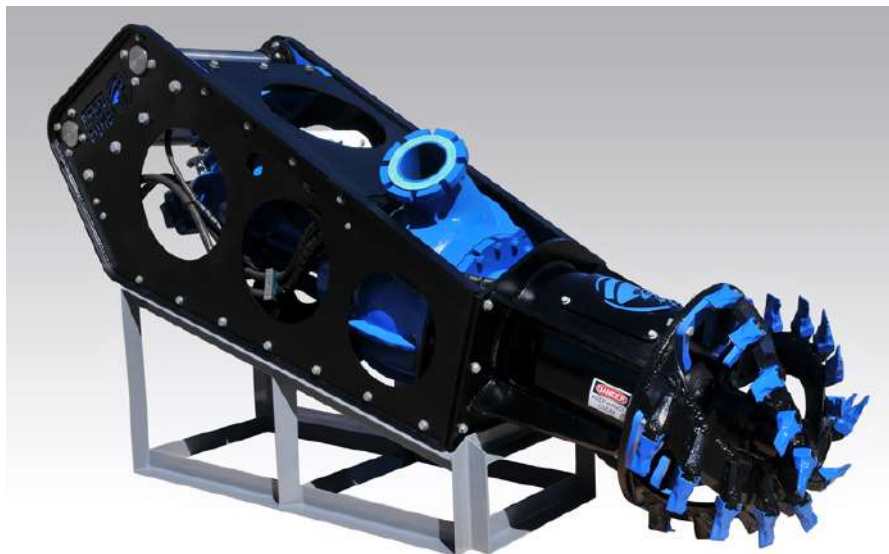


*Typical Attachment Photo. Photos for general guidance. Contact us for further details.

| RECOMMENDED SENSORS |
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| 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 |
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| EDDY Pump circuit requirements from excavator auxiliary power OR from Hydraulic Power Unit 35 GPM at 5000 PSI (80cc motor) |
| Cutterhead circuit requirements from excavator auxiliary power OR from Hydraulic Power Unit 12-20 GPM at 5000 PSI |
| 4" 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 |

| OPTIONAL EQUIPMENT TO ENHANCE OPERATION OF DREDGE |
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| 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) |
| Liner Safe Roller Attachment, Self Cleaning Mud Guard, Water Jetting Ring are additional options for your project. |
| Recirculation system for pre-mixing applications (requires small 24 volt air system) |



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
- Transport 40-70% Solids
- Ability to pump objects of up to 9-inches in diameter

Fluid Pumped

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

| GENERAL SPECS | | |
|---|----------------|------------------|
| Production: 700-1000 GPM or 75-150 cubic yards of material per hour | | |
| Head with 80cc hydraulic motor (16" rotor) | Up to 200 feet | Up to 61m |
| Overall Weight (without optional equipment) | 3,300 lbs | 1,496 kg |
| Overall Length | 113 inches | 2.87 m |
| Overall Height | 37 inches | .94 m |
| Overall Width with discharge pipe removed | 28 inches | 0.7 m |
| Overall Width with discharge pipe mounted (right side) | 38 inches | 0.97 m |
| Carrier Weight Range | 20-45 tons | 18,000-40,000 kg |
| Rotating Head Diameter (with or without cutting teeth) | 18 inches | .46m |
| Double seal with Sealed Barrier fluid tank (allow dry run) | 3 inches | 76.2 mm |

WE PUMP SOLIDS, NOT WATER

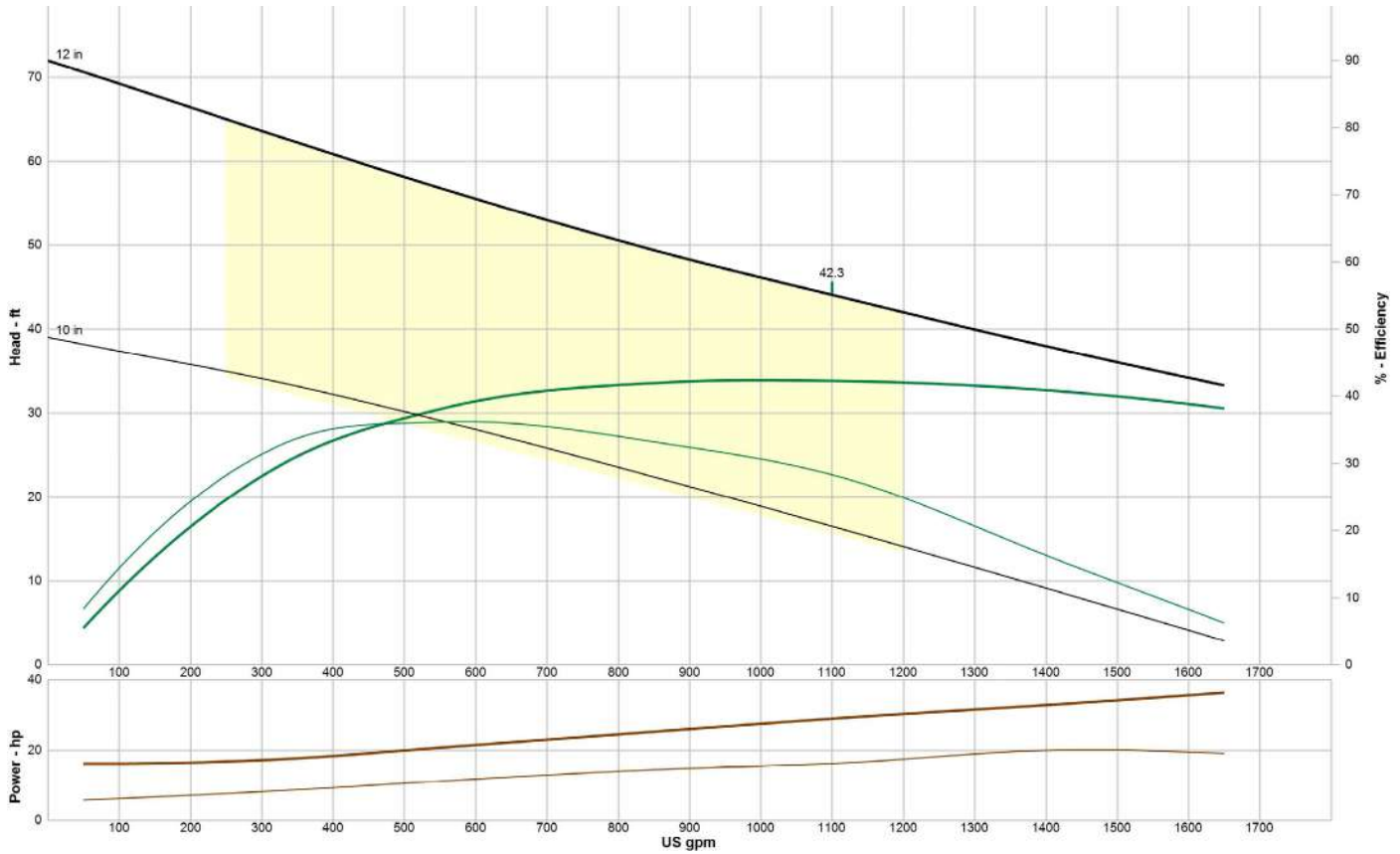


PUMP CURVE

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 - 4 Inch EXH 4000 Hydraulic Excavator Attachment - Pump Curve



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

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CONTACT US



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