Hydraulic Excavator Pump Attachment - 8 Inch

**MODEL #**

8-Inch EXH 8000 Hydraulic Excavator Attachment

<table>
<thead>
<tr>
<th>OPERATING LEVELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN FLOW</td>
</tr>
<tr>
<td>MAX FLOW</td>
</tr>
<tr>
<td>HEAD RANGE</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
</tr>
<tr>
<td>SUCTION SIZE</td>
</tr>
<tr>
<td>SOLIDS HANDLING</td>
</tr>
<tr>
<td>MAX SPEED</td>
</tr>
<tr>
<td>PERCENT SOLIDS</td>
</tr>
<tr>
<td>CU YD MATERIAL HR</td>
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</tbody>
</table>

**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)

8” 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 required 30-ton min, 300 Series (See OEM boom specs to verify.)

**MAXIMUM LINKAGE DIMENSION**

[Diagram showing dimensions]

**STANDARD PIN SIZING**

<table>
<thead>
<tr>
<th>PART #</th>
<th>SIZE</th>
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<tbody>
<tr>
<td>01425</td>
<td>Ø 80 MM</td>
</tr>
<tr>
<td>12877</td>
<td>Ø 90 MM</td>
</tr>
<tr>
<td>06661</td>
<td>Ø 100 MM</td>
</tr>
<tr>
<td>01042</td>
<td>Ø 110 MM</td>
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</tbody>
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*CUSTOM SIZES AVAILABLE UPON REQUEST*
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

<table>
<thead>
<tr>
<th>Overall Weight (without optional equipment)</th>
<th>6,800 lbs</th>
<th>3,084 kg</th>
</tr>
</thead>
</table>

**8" DISCHARGE FLANGE**
- **8 BOLT 150# CLASS**
- **442mm** 17.4 in
- **417mm** 16 in
- **1076mm** 42 in
- **1165mm** 46 in

**10" SUCTION FLANGE**
- **12 BOLT 150# CLASS**
- **431mm** 17 in
- **3909mm** 154 in
- **1486mm** 58 in
- **1113mm** 44 in
- **892mm** Ø 35 in

WE PUMP SOLIDS, NOT WATER

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### OPTIONAL EQUIPMENT TO ENHANCE OPERATION OF DREDGE

<table>
<thead>
<tr>
<th>Equipment</th>
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<tbody>
<tr>
<td>Magnetic flow meter</td>
</tr>
<tr>
<td>Discharge line pressure gauge (0-150 psi)</td>
</tr>
<tr>
<td>“Quick Prime” Valve (requires small 24 volt air system)</td>
</tr>
<tr>
<td>Pivot mounted Discharge hose carrier (adaptable to most machines)</td>
</tr>
<tr>
<td>Recirculation system for pre-mixing applications (requires small 24 volt air system)</td>
</tr>
</tbody>
</table>

![STANDARD CUTTER HEAD](image1)

![SELF-CLEANING HEAD](image2)

![WATER JETTING RING](image3)

![LINER-SAFE WHEELS](image4)

![RE-CIRCULATION](image5)

![AUGER HEAD](image6)

![MIXER HEADS](image7)
PUMP CURVE

A pump curve is a graphical representation of a pump's 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 - 8 Inch HD 8000 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.

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contact us

(619) 258-7020

info@EddyPump.com