Hydraulic Excavator Pump Attachment - 8 Inch

**MODEL #**
8-Inch EXH 8000 Hydraulic Excavator Attachment

**OPERATING LEVELS**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>MIN FLOW</td>
<td>800 GPM</td>
</tr>
<tr>
<td>MAX FLOW</td>
<td>4000 GPM</td>
</tr>
<tr>
<td>HEAD RANGE</td>
<td>Up to 200 ft</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>8 inch</td>
</tr>
<tr>
<td>SUCTION SIZE</td>
<td>10 inch</td>
</tr>
<tr>
<td>SOLIDS HANDLING</td>
<td>Solids up to 7 inches</td>
</tr>
<tr>
<td>MAX SPEED</td>
<td>1800 RPM</td>
</tr>
<tr>
<td>PERCENT SOLIDS</td>
<td>Up to 40-70% Solids</td>
</tr>
<tr>
<td>CU YD MATERIAL HR</td>
<td>250-300</td>
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**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 carrier weight requirements: 60-94 tons / 54,400-85,000 kg

**MAXIMUM LINKAGE DIMENSION**

[Drawing of maximum linkage dimension]

**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*

*Typical Attachment Photo. Photos for general guidance. Contact us for further details.*
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>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Overall Weight (without optional equipment)</td>
<td>6,800 lbs</td>
</tr>
</tbody>
</table>

**Dimensions**
- **8” DISCHARGE FLANGE**
  - 8 BOLT 150# CLASS
  - 442mm (17.4in)
  - 1076mm (42in)
- **10” SUCTION FLANGE**
  - 12 BOLT 150# CLASS
  - 431mm (17in)
  - 1165mm (46in)
<table>
<thead>
<tr>
<th>Optional Equipment to Enhance Operation of Dredge</th>
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<tbody>
<tr>
<td>Magnetic flow meter</td>
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<tr>
<td>Discharge line pressure gauge (0-150 psi)</td>
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<tr>
<td>“Quick Prime” Valve (requires small 24 volt air system)</td>
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<tr>
<td>Pivot mounted Discharge hose carrier (adaptable to most machines)</td>
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<tr>
<td>Recirculation system for pre-mixing applications (requires small 24 volt air system)</td>
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</tbody>
</table>

- **Standard Cutter Head**
- **Self-Cleaning Head**
- **Water Jetting Ring**
- **Liner-Safe Wheels**
- **Auger Head**
- **Re-Circulation**
- **Extended Cutter Heads**
- **Mixer Heads**

WE PUMP SOLIDS, NOT WATER
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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