Hydraulic Excavator Pump Attachment - 10 Inch

**MODEL #**
10-Inch EXH 10000 Hydraulic Excavator Attachment

**OPERATING LEVELS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN FLOW</td>
<td>1200 GPM</td>
</tr>
<tr>
<td>MAX FLOW</td>
<td>5000 GPM</td>
</tr>
<tr>
<td>HEAD RANGE</td>
<td>Up to 200 ft</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>10 inch</td>
</tr>
<tr>
<td>SUCTION SIZE</td>
<td>12 inch</td>
</tr>
<tr>
<td>SOLIDS HANDLING</td>
<td>Solids up to 9 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>300-350</td>
</tr>
</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)
- 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

**STANDARD PIN SIZING**

<table>
<thead>
<tr>
<th>PART #</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<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>
</tr>
</tbody>
</table>

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

MAXIMUM LINKAGE CROSS SECTION

STICK PIN

LINK PIN

[140mm] 5.5in

*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>7,500 lbs</th>
<th>3,400 kg</th>
</tr>
</thead>
</table>

10" DISCHARGE FLANGE
12 BOLT 150# CLASS

12" SUCTION FLANGE
12 BOLT 150# CLASS
OPTIONAL EQUIPMENT TO ENHANCE OPERATION OF DREDGE

- Magnetic flow meter
- Discharge line pressure gauge (0-150 psi)
- “Quick Prime” Valve (requires small 24 volt air system)
- Pivot mounted Discharge hose carrier (adaptable to most machines)
- Recirculation system for pre-mixing applications (requires small 24 volt air system)
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 - 10 Inch** HD 10000 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.*

**WE PUMP SOLIDS, NOT WATER**

**CONTACT US**

(619) 258-7020

info@EddyPump.com