Electric Diver Operated Dredge - 4 Inch

**MODEL #**

4-Inch DEP 4000 Diver Operated Dredge

**OPERATING LEVELS**

<table>
<thead>
<tr>
<th>OPERATING LEVELS</th>
<th>MIN FLOW</th>
<th>MAX FLOW</th>
<th>HEAD RANGE</th>
<th>DISCHARGE SIZE</th>
<th>SUCTION SIZE</th>
<th>SOLIDS HANDLING</th>
<th>PERCENT SOLIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN FLOW</td>
<td>250 GPM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAX FLOW</td>
<td>1200 GPM</td>
<td></td>
<td>Up to 200 ft</td>
<td>4 inch</td>
<td>6 inch</td>
<td>Solids up to 3 inches</td>
<td>Up to 40-70% Solids</td>
</tr>
</tbody>
</table>

**GENERAL SPECS**

<table>
<thead>
<tr>
<th>GENERAL SPECS</th>
<th>Production: 700-1000 GPM or 50-100 cubic yards of material per hour</th>
<th>Hi-Chrome EDDY Pump w/ Dual Mechanical Seal</th>
<th>Hi-Chrome EDDY Pump w/ Dual Mechanical Seal</th>
<th>Generator Needed</th>
<th>Overall Weight (without optional equipment)</th>
<th>Submersible Electric Motor</th>
<th>Variable Frequency Drive</th>
<th>Pump Frame and Trailer (Optional)</th>
<th>Single Suction for One Diver Operation (Suction Nozzle Included)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>4 inch</td>
<td>4 inch</td>
<td>100KW or Greater</td>
<td>3,500 lbs</td>
<td>100 HP</td>
<td>100 HP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**EDDY Pump Electric Diver Operated Dredges** 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**

- Dredging
- Marine Construction
- Harbor Maintenance
- IntraCoastal Waters

**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 3-inches in diameter

**Fluid Pumped**

- Sand
- Mud
- Sediment
- Sludge
- Harbor Debris
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 - 4 Inch HD 4000 Heavy Duty Slurry Pump - Pump Curve

*General pump curve based on water with 1800 RPM motor. Contact us with your specific material for a custom pump curve.

WE PUMP SOLIDS, NOT WATER