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## Electric Excavator Pump Attachment 4-inch (EXFE-4000)

| MODEL #   |  |
|-----------|--|
| EXFE-4000 |  |

| 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 inch |
| Max Speed         | 1800 RPM            |
| Percent Solids    | Up to 40-70% Solids |
| CU YD Material HR | 75-150              |

| RECOMMENDED SENSORS                             |  |
|---|--|
| Wireless Doppler Flow Meter                     |  |
| RTK/GPS System for precision real-time dredging |  |

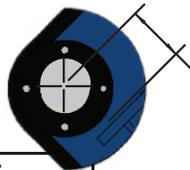


\*Typical Deployment Photo. Dredge pumps can be deployed vertically or horizontally. Photos for general guidance. Contact us for further details.

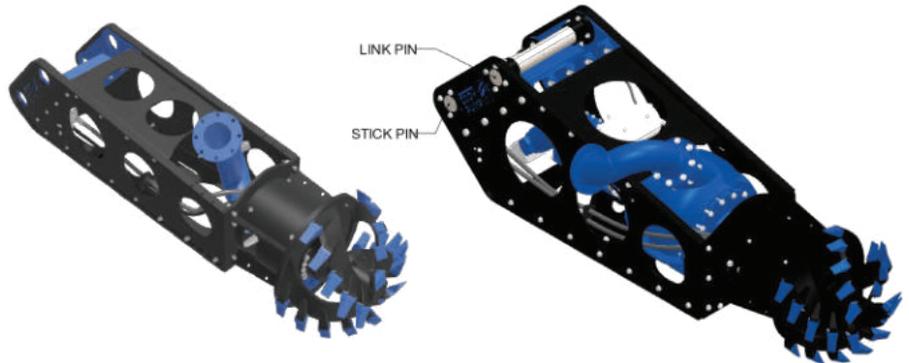
| REQUIRED EQUIPMENT TO OPERATE ATTACHMENT  |
|---|
| Cutterhead circuit requirements from excavator auxiliary power or from hydraulic power unit 12-18 GPM at 4250 psi (1340 cc motor) |
| 4-inch DAE Slurry hose  |
| Generator and VFD to power 100-HP motor   |

### MAXIMUM LINKAGE CROSS SECTION

[114mm]  
4.5in



| STANDARD SIZING |          |
|-----------------|----------|
| PART #          | SIZE     |
| 01425           | Ø 80 MM  |
| 12877           | Ø 90 MM  |
| 06661           | Ø 100 MM |
| 01042           | Ø 110 MM |

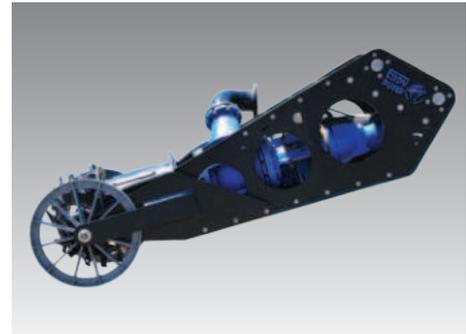
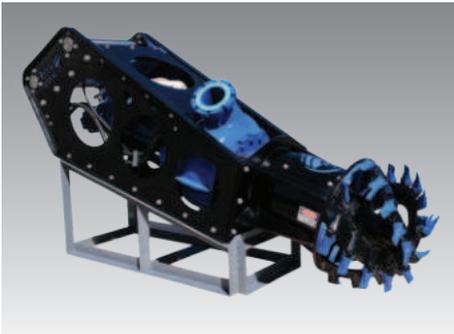


\*CUSTOM SIZES AVAILABLE UPON REQUEST

(EXFE-4000 Frame, Elbow Discharge, Cutterhead ONLY No Pump)

**We pump up to 70% solids, not water.**

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**EDDY Pump Electric Excavator Pump Attachment 4-inch (EXFE-4000)** 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**

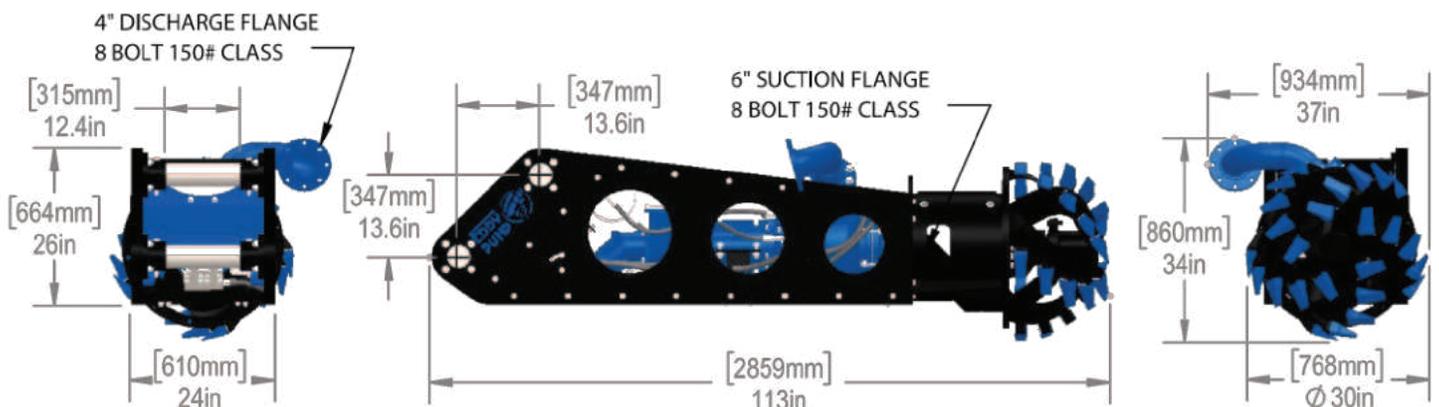
- Non-Clog, High Viscosity, High Specific Gravity, High Abrasives, Low pH Pumping Design
- Transport 40-70% Solids
- Ability to pump objects of up to 4-inch in diameter

**Fluid Pumped**

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

| OPTIONAL EQUIPMENT TO ENHANCE OPERATION OF DREDGE |
|---|
| Wireless Doppler Flow Meter                       |
| RTK/GPS System for precision real-time dredging   |

| GENERAL SPECS                                   |           |          |
|---|-----------|----------|
| Overall Weight (without optional equipment)     | 3,300 lbs | 1,496 kg |
| EXFE-4000 Frame, Discharge Elbow and Cutterhead | 1,700 lbs | 771 kg   |



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**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)



STANDARD CUTTER HEAD



SELF-CLEANING HEAD



WATER JETTING RING



LINER-SAFE WHEELS



EXTENDED CUTTER HEAD



RE-CIRCULATION



AUGER HEAD



MIXER HEADS

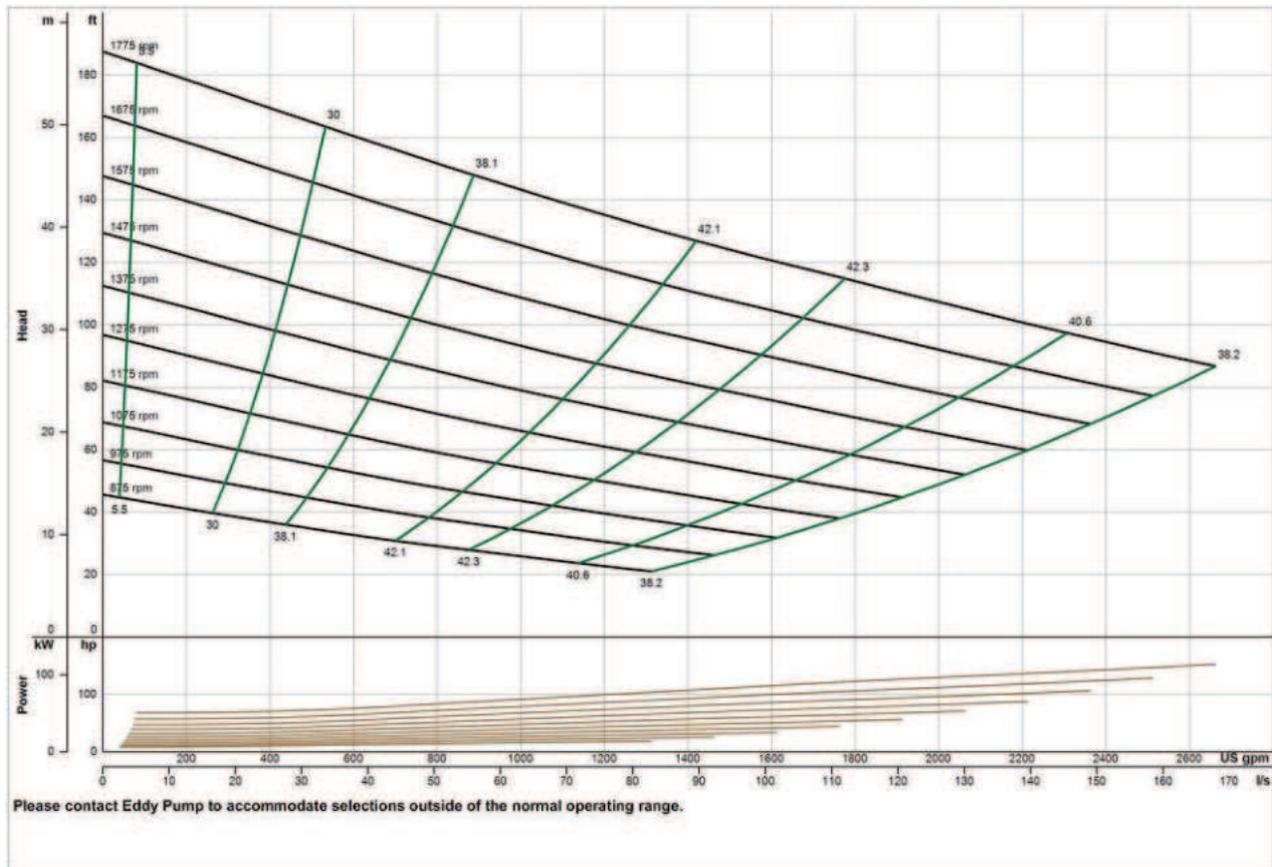
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**PUMP CURVE**

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 - Electric Excavator Pump Attachment 4-inch (EXFE-4000) - Pump Curve**



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

**CONTACT US**



**(619) 258-7020**



**info@EddyPump.com**