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Mini Pontoon Dredge

**Electric 4-Inch Dredge
Heavy-Duty**



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4" MINI PONTOON DREDGE – HEAVY-DUTY

The DAE Pumps Mini Pontoon Dredge is a portable, robust, and smaller version dredge that is capable of dredging areas that the large dredging operations cannot access. The Mini Pontoon Dredge allows a single operator to run a dredge remotely and pump at high production rates. Ideal for lagoons, basins, ponds, and other smaller dredging projects, this unique pontoon dredge pump is designed not to harm poly, clay, or concrete liners. The DAE Pumps Mini Pontoon Dredge offers non-clogging pumping capability designed for high solids industrial pumping applications.

KEY FEATURES

- Lightweight, portable, and easy to transport from one project to the next
- Autorun allows a single operator to monitor progress
- Non-clogging pump capable of handling solids up to 3-inches
- High viscosity, high specific gravity, low pH pumping design
- Transport 40-70% solids
- High abrasive resistant pump for longer wear

APPLICATIONS

- Mining (Mineral Recovery)
- Lagoon Dredging
- Sand and Agg
- Basins
- Shallow Industrial Ponds
- Dams
- Fly Ash and Coal Ash



Specifications

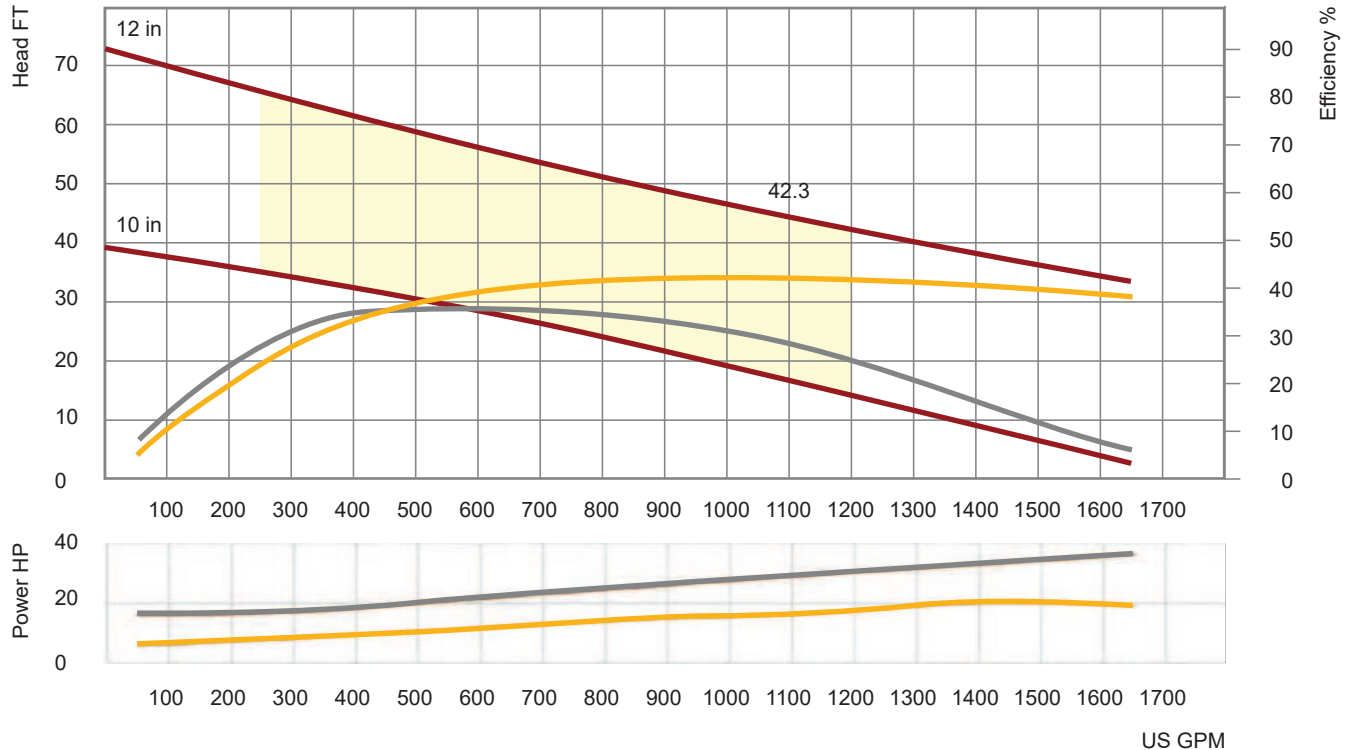
Min. Flow Rate	250 GPM
Max. Flow Rate	1200 GPM
Max. Head	160'
Discharge Size	4"
Intake Size	6"
Solids Handling	3"
Max. Speed	1800 RPM
Max. Percent Solids	70%
Max Cubic Yds / Hr.	150
Depth Masts Max Lift (above waterline, pump retracted)	17.4 ft
Standard Operation Depth	1.6 - 16 ft

Weights and Dimensions

Weight (without pump)	3,307 lbs
Height	5.6 ft
Width	12.5 ft
Length	9.8 ft

PUMP CURVE

Running at 1200 RPM



INCLUDED EQUIPMENT

- Mini Pontoon Dredge
- 4 inch high chrome pump with a 150 HP Submersible Electric Motor
- 300 ft of traversing cable
- Solar panel charging system to charge the lifting Winch Battery
- Winches: remote-operated lifting Winch 12V and 110V Traversing Land Winch
- Gas Generator 110 VAC output to power the Traversing 110V Land Winch

REQUIRED EQUIPMENT

- Electric generator to power pump equal to 150KW or main line shore power for the pump
- 4" material handling discharge hose and floats
- MEMA 3R VFD or Soft Starter

ADD-ON OPTIONS

- Doppler Flow Meter
- Discharge Line Pressure Gauge (0-150 psi)
- High Pressure Jetting Ring

