

# SAND AND GRAVEL

Polaris Pumps is a manufacturer of heavy duty slurry submersible pumps used in sand and gravel applications across the United States. Pump sizes from 2 inch to 10 inch low-head and medium-head with screen, mixer and shredder options. Our unique modular design allows field upgradeable wet end conversion. We have a pump for your tough applications.

## APPLICATIONS:

- Weir Overflow
- Dust Suppression
- Recycle Water
- Wheel Wash Sump
- Cyclone Feed
- Dredging

## Features/Benefits:

- All Cast Parts 28% High Chrome Iron or CD4MCu..... Longer Parts Life
- Mixer & Optional Water Jet Ring..... Cleaner Sumps
- 316 SS 17-4PH or 2205 Hardware..... Low PH Sumps
- U.L. and CSA Approved Motors (UL) (SP)..... Safety
- Efficient Design..... Lower Operating Cost

### The Polaris Pumps Line of Electro-Submersible Pumps Feature...

- Our Modular Design Allows Field Upgradeable Wet Ends: Convert An Open Suction Wet End Installation To Either A Solids Mixer Or Shredder Unit
- Complete High Chrome (650 BHN) or CD4MCu Wet End Construction
- All Hardware 316, 17-4 PH or 2205 Stainless Steel
- Internal Back to Back Tungsten Carbide Mechanical Slurry Seals Standard
- Vented Pump Casings to Maintain Flushed, Low Pressure Seal Environment
- Motor Options For Explosion Proof Rating Per Class 1 Division C & D and 90° C High Ambient Ratings
- Assembled in the U.S.A. from U.S. and Canadian Made Components



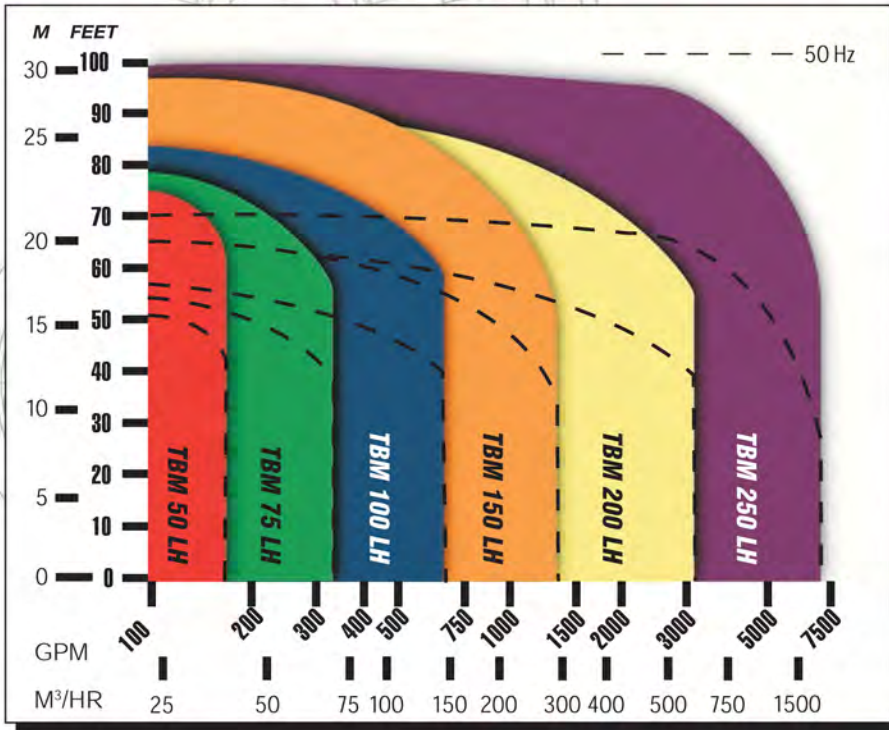
**POLARIS**  
P U M P S

*Pump'n Hard Iron*

[www.polarispumps.com](http://www.polarispumps.com)



## Series TBM Low-Head Hydraulic Coverage



## Series TBM Medium-Head Hydraulic Coverage



**TBM200MH-PBO  
WITH OPTIONAL WATER JACKET  
AND JET RING**

