

SUBMERSIBLE POWER UNIT

Extremely quiet due to isolation of key components using elastomer polymer materials

Built to withstand decades of thermal expansion and contraction

Blow-out proof muffler design eliminates need for future service

Design conforms to Consultant, Universities, Hospitals, and Federal requirements

Multiple tank sizes available



BORE-MAX

A **VANTAGE** Company

SUBMERSIBLE POWER UNIT

DURABILITY. PERFORMANCE. QUIET.

What else are you looking for?

Bore-Max Power Units are built to last for decades and run quietly. Certainly, the market abounds with lesser quality alternatives, but that can mean purchasing noisy, less efficient devices that can be costly to mitigate. Which is something you should weigh seriously when you're either planning a new installation, modernization, or repair project.

SOLID CONSTRUCTION IS THE KEY.

We use solid, quality materials in our Power Unit, which permits it to meet rigorous design standards established for Consultant, University, Hospital and Federal Requirements. It also meets or exceeds both Federal Hydraulic Elevator sourcing guidelines and requirements for all Local Jurisdictions as well. Our sturdy construction permits our Power Unit to easily withstand decades of destructive thermal expansion and contraction.

MADE TO BE QUIET.

To make a far less noisy hydraulic environment we developed a unique "Blow-Out Proof" heavy-duty muffler arrangement that never requires future service.

Of course, sound suppression is only part of the story. First, you have to suppress vibration at the source. This is why key components, such as the Motor/Pump frame, Footpads, Outlet port and Outlet port are all isolated by oil resistant Elastomer Polymer materials. This results in a machine that is almost vibration-free, which allows it to run quietly.

FOR CONVENIENCE IT'S BORE-MAX

We even offer a Will-Call Pick-Up area in Sacramento / Northern California, so you can get back on site, and move quickly with repairs.

STANDARD FEATURES

- Maxton Valves
- Easily removable Motor and Pump Chassis
- Grooved outlets conveniently fitted with grooved coupling
- Tanks (reinforced with structural steel) and Foot Channels are Seismic Zone 4 Compliant, providing increased airflow aiding in additional heat dissipation and reducing risk of tank bottom rust
- Louvered and double hinged Tank Lid offer easy access for inspection, adjustment and service while providing thermal ventilation
- Tank Construction: 14 ga.
- Submersible 80 Starts Per Hour Motor with Over-Temperature Thermostat
- Oil Level Sight Gauge
- Pressure test gauge with shutoff valve
- 10-50 HP, 3-Phase
- Motor/Pump isolation rated for oil exposure and compressive vibratory loads
- Motor/Pump frame, Foot Pads, Outlet port, all isolated with Elastomer Polymer materials to mitigate vibration and greatly reduce noise potential
- Bore-Max 8.0 in. "Blow-Out Proof" mufflers require no future service
- Convenient Outlet Placement: Left-hand or Right-hand
- Schedule 80 Pressure Piping
- Return Line Diffuser

TANK SIZES

33.0 in. (W) x 20.0 in. (D) x 47.0 in. (H)

38.0 in. (W) x 20.0 in. (D) x 47.0 in. (H)

42.0 in. (W) x 26.0 in. (D) x 47.0 in. (H)

48.0 in. (W) x 30.0 in. (D) x 47.0 in. (H)

OPTIONAL FEATURES

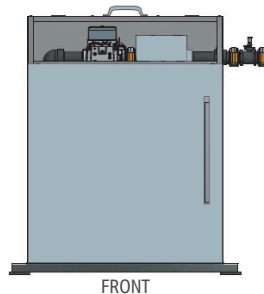
- Tank shut-off valve
- Isolation Coupling
- Overspeed/Rupture Valve
- Low oil / Hot oil switch (2010+ compliance)
- Low oil switch only
- Low pressure switch
- 120 Starts Per Hour Motors up to 40 HP
- Wilkes & McClean PRO suppressor
- EC Pixel controller pre-mounting and pre-wiring when ordered with the submersible pump unit
- Tank heater with automatic 100° F thermostat
- Oil cooler pre-plumbing – (2) ¾" male NPT
- Down Speed regulated Valve

VANTAGE TIME SAVING CONVENIENCE

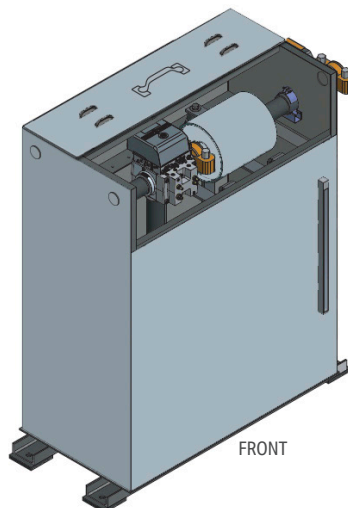
Take advantage of our adjacent controller and submersible Power Unit manufacturing facilities and save time and money with a pre-mounted / pre-wired Elevator Controls Pixel controller!

ELEVATOR CONTROLS PIXEL CONTROLLER OPTION

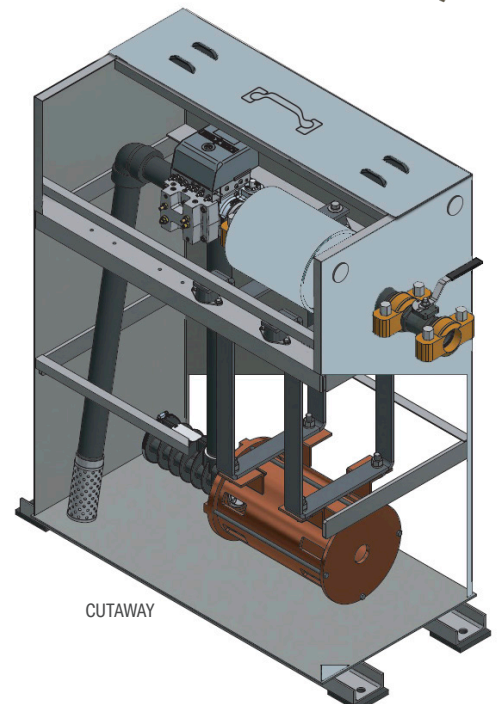
- Pre-mounted and Pre-Wired Pixel Hydraulic Controller
- Most combinations fit through a 36" wide machine room door
- Shipping and handling convenience – control, submersible Power Unit, landing system and peripheral items ship and receive at the same time



FRONT



FRONT



CUTAWAY

The Bore-Max Submersible Power Unit features a removable double hinged lid and removable motor and pump chassis. Illustrated with optional shutoff valve. Feedline coupling to be provided by others.

BORE-MAX

A **VANTAGE** Company

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