

BLACKMAX® SUBMERSIBLE PUMP SYSTEM



shown with optional wheel kit



MAXIMUM PERFORMANCE. MINIMUM VISIBILITY.

THE BLACKMAX is a high performance submersible pump system for applications such as turf irrigation, water transfer, mining, sea water, and source water blending. Utilizing advance controls and available in both single- or multi-pump configurations, the BlackMax Submersible Pump System is a cost saving alternative to wet wells or intake structures. These systems can float or rest on the reservoir bottom, and offer a near invisible and silent underwater design ideal for situations requiring low visibility and reduced noise levels.

INTAKE SCREEN OPTIONS



Static intake screen




Self-flushing intake screen

Pump intake screens sized to reduce clogging. Fish Friendly compliant screens available.

Reliable submersible pump and stainless steel motor, both contained within HDPE sleeve designed for effective motor cooling.

Tough, durable HDPE construction eliminates rust and corrosion. 50+ year design life.

MINIMAX

- 1 PUMP
- 3 – 10 HP
- UP TO 100 GPM
- UP TO 100 PSI
- 36" WIDE

SIMPLEX

- 1 PUMP
- 3 – 60 HP
- UP TO 600 GPM
- UP TO 125 PSI
- 48" WIDE

DUPLEX

- 2 PUMPS
- 3 – 60 HP
- UP TO 1200 GPM
- UP TO 125 PSI
- 60" WIDE

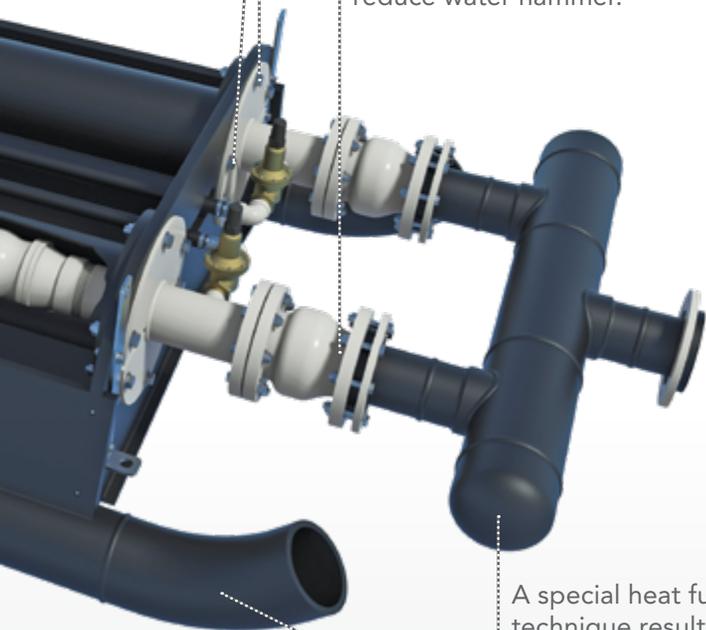
DESIGN ADVANTAGES

- ① Low maintenance, non-corrosive
- ② Virtually invisible pumping system
- ③ Quiet underwater operation
- ④ Useable in a variety of water sources
- ⑤ Can be operated in shallow water



Corrosion-resistant stainless steel hardware at all connection points.

Non-slam "silent" discharge check valves that significantly reduce water hammer.



A special heat fusion technique results in joints that are stronger than the pipe itself in both tension and hydraulic loading.

TRIPLEX

- 3 PUMPS
- 3 – 60 HP
- UP TO 1800 GPM
- UP TO 125 PSI
- 84" WIDE

BLACKMAX SUBMERSIBLE PUMP SYSTEMS

CONSULT FACTORY
FOR CUSTOM
DESIGNS.

SPECIFICATIONS

- 3 – 60 HP
- 100 – 1800 GPM
- Pressures up to 125 PSI
- Non-corrosive high density polyethylene (HDPE) sled construction
- Stainless steel fasteners and lift/pull brackets
- Individual static intake screens & check valves per pump
- Slide rails & lower mud/slide plate
- Water-lubricated pumps
- Water-cooled motors
- 2 year limited warranty including parts & labor
- Full dynamic flow and operation testing prior to shipment

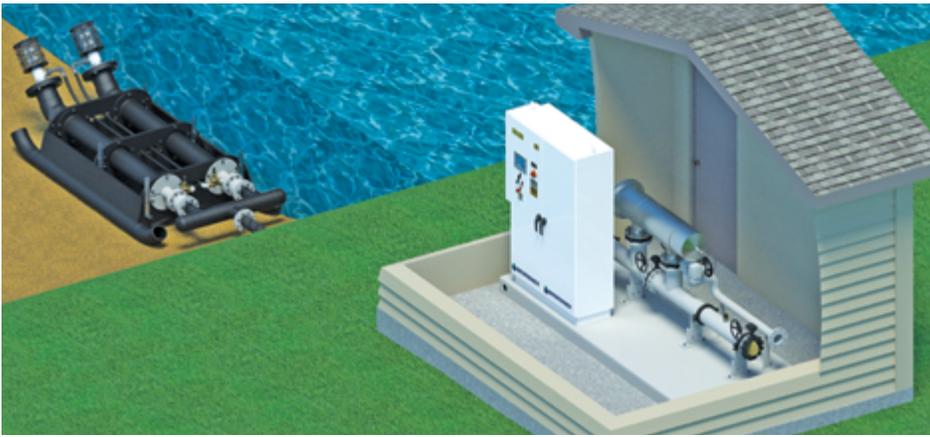
STANDARD OPTIONS

- WaterVision® Remote Telemetry with central integration
- Magnetic flow meter
- Line reactor
- Premium surge protection
- 24-volt remote start relay
- 5kW heater
- Opto coupler
- Paige earth grounding package
- Discharge drop pipes
- Mechanical joint couplings
- Auto-flushing wye strainer
- Auto-flushing suction scanner style filter—100/200/300 micron
- Self-flushing intake screen
- Wheel kit
- Installation floats



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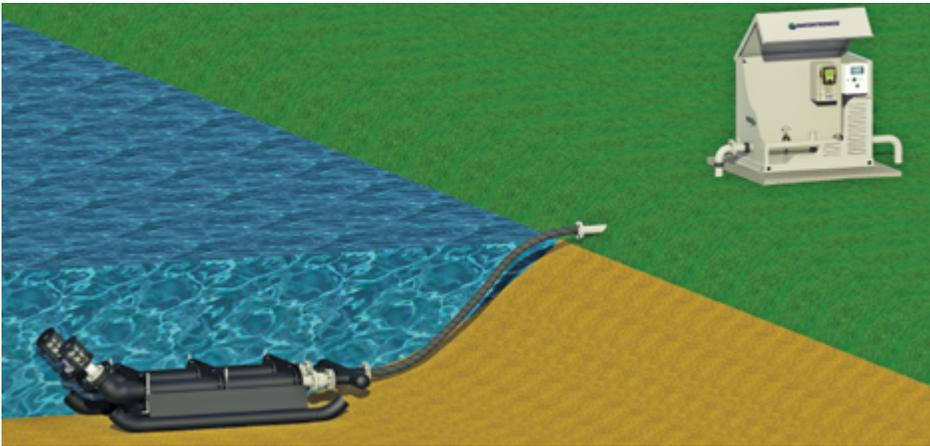




SIMPLIFIED INSTALLATION

BlackMax pump systems are placed directly into the water source and require no excavation or wet well.

Typical BlackMax installation with a Watertronics pre-engineered skid containing control panel and automatic filter



Typical BlackMax installation with a Watertronics self-enclosed, on-shore controls station



For more information on BlackMax Submersible Pump Systems, locate a sales manager in your area by visiting www.watertronics.com or call 1-800-356-6686.

PUMP SERVICE NETWORK® A WATERTRONICS EXCLUSIVE SERVICE

- ▶ Technical service for installations & start-up
- ▶ User training
- ▶ Maintenance
- ▶ Aftermarket part sales
- ▶ 200+ certified technicians nationwide

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