

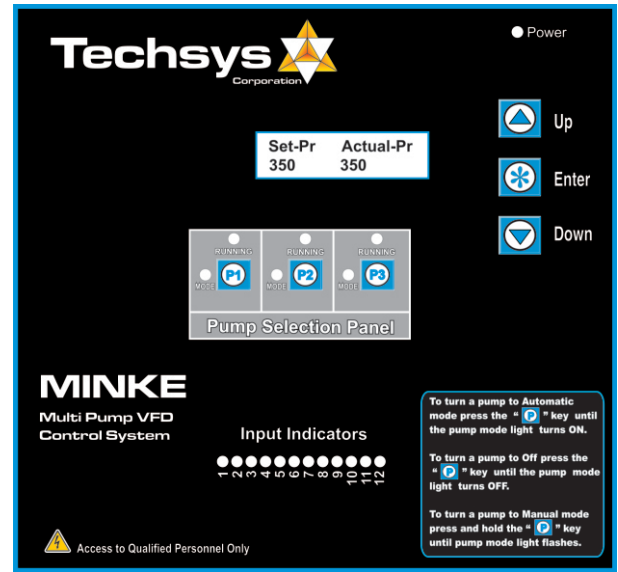


Pump Control System

MINKE PUMP CONTROLLER

The MINKE pump controller provides fully integrated pressure control for pump stations operating up to 3 pumps.

MINKE is designed to suit the needs of the budget conscience customer. The MINKE is easy to use and suitable for any type of pump. The MINKE controller is specifically designed to help improve the overall efficiency, operation and protection of single or multi-pump systems.



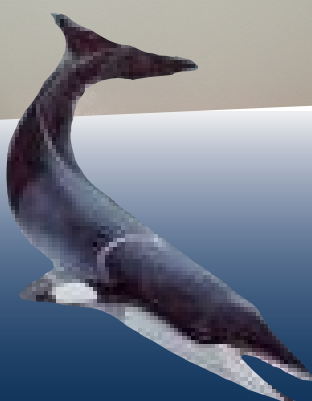
Other Features Include

The MINKE pump controller has been designed to control all types of pumps under the most severe circumstances by utilising purpose built routines and user options developed through years of testing. MINKE can be made to maintain a constant pressure, level, flow or vacuum by utilising a variable frequency inverter to alter the speed of a pump or multiple pumps. We have a number of options detailed below to suit our customer's needs and expectations.

The MINKE concept is to supply a package that requires only connection to power, wiring of pump motors and attaching a pressure tube to the discharge manifold and the system is ready to run without any further expense. Extra options can be fitted to a standard controller at our factory to suit most applications and eliminate the need for expensive on site alterations.

Applications

- Pressure booster systems
- Constant level control
- Fixed flow-rate transfer
- Vacuum control
- Flood mitigation and control
- Industrial
- Building services
- Agriculture
- Turf





Standard features

IP 54 Mild Steel Enclosure
Text based LCD Screen
IP54 Cooling fan/s and vent/s
Mains Isolation Switch
Motor circuit breakers
MINKE Controller
Pump ON/OFF/MAN buttons
Built in LED pump run indicators
Adjustable Delay Timers
Individual Pump Hours Run meters
Operation to 35 degrees Celsius ambient
Automatic pipe fill mode if required
Diagnostic displays
On Board Data Logging
Backup operation for VFD failure
LED Indicators for each input

AS3000 Switchgear
Simple menu structure
Danfoss variable frequency inverter
25Bar Pressure transducer
Configurable for up to 3 Pumps
Auto Alternation or fixed Lead Pump
Built in LED pump available indicators
High-Low Alarms with definable actions
Selectable friction loss compensation
Individual Pump Start counters

OTHER OPTIONS AVAILABLE

SCADA & BMS Interface
4 function programmable outputs
4 Inputs each individually function programmable
Serial Communications Capacity - RS485/Modbus
Remote start interface

Applications



BUILDING SERVICES
 Boost and multi boost
 Storm water control



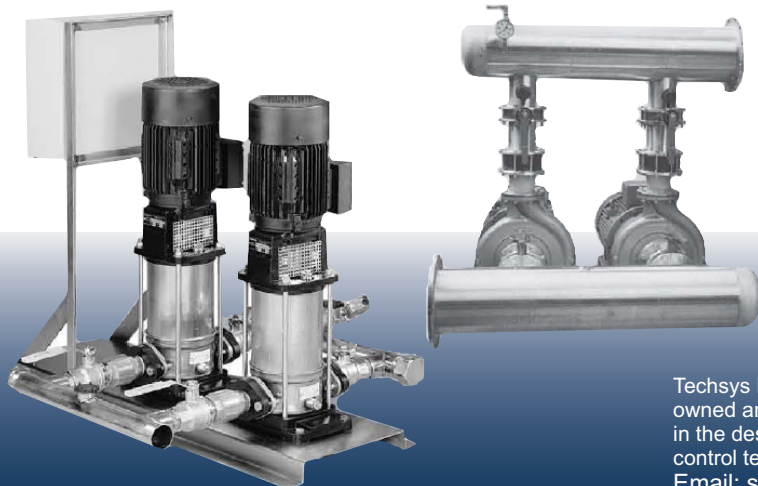
BOOSTER SYSTEMS
 small domestic
 or commercial sites



INDUSTRY
 Rain water harvesting
 Wash down
 Vacuum control



IRRIGATION
 Sprinkler, drip or spray.



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Product performance specifications may change without notice.

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Techsys Engineering is an Australian
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