



MPW's Water Forwarding Skid provides an automated solution for collection and neutralization of multiple water streams

Description and Use

With a capacity of 2,100 gallons, MPW's Water Forwarding Skid provides a single-skid system with redundant-forwarding pumps. The instrumentation includes HiHi, LoLo, Redundant Pump Start/Stop Point Level Switches and Analog (4-20 ma) tank-level output.

A single 30A 480VAC three-phase source powers the forwarding pumps. Soft starters reduce stress on the system, allow for a smooth ramp-up of pump output and control both pumps. Although the pumps are interlocked to eliminate simultaneous operation, there is an Auto Fail Over pump mode that ensures redundancy in case one pump fails.

Features

- 2,100 gallon capacity
- Twin 20-horsepower pumps
- Electronic tank levels
- Two chemical-injection lines for high and low pH feeds
- Redundant pumps
- Electronic warning system

Application

- For use with multiple water streams , including wastewater
- Placed with UF and RO trailers for wastewater collection and neutralization





System Features

DIMENSIONS

Skid: (LxHxW) 18.1' x 7' x 8'
 Operating Weight 22,430 pounds

CONNECTIONS

Inlet

- 6" Camlock
- 6" ANSI 150# flange
- 3" Camlock (UF)
- 2" Camlock (RO)

Waste

- 6" Camlock
- 6" ANSI 150# flange

REQUIREMENTS

Max. Water Temp. 110° F
 Max. Inlet Pressure 100 PSI
 Min. Inlet Pressure 30 PSI
 Electrical 30A 480VAC 3PH

INSTRUMENTATION

Four Point Level Switch
 Tank Level Transmitter
 External Signaling Terminal Box

Technical Specifications

