AUTOMATED TANK MANIFOLD

WATERONE

COMBINED PERFORMANCE

SELECT ENERGY SERVICES

AUTOMATED TANK MANIFOLD
Select Energy Services’ Automated Tank Manifold was developed to streamline on-site water management during high intensity frac operations. WaterONE Automated Tank Manifolds provide operators with complete control to manage fluid levels, capacity, blends, and pressure to storage tanks. Each is equipped with WaterONE automation to help prevent tank draw down and overflows with alerts to notify equipment operators. An on-board command center data and AquaView® interface capture data to provide real-time visibility to verify water assets are performing safely and accurately.

OVERVIEW
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BENEFITS
MAINTAIN CRITICAL WATER LEVELS
Tanks levels are automatically regulated using level sensors and valves that continually manage tank level thresholds. Air actuated valves allow simultaneous valve closure for maximum control.

WATERONE™ AUTOMATION
Process control algorithms provide true automation, not remote control with human intervention. Valve adjustments on the manifold trigger WaterONE pumps to automatically adjust the throttle to maintain tank levels and line pressure.

LAST LINE OF DEFENSE
On-board sensors provide an added check for treatment operations using produced water to verify water quality as well as central point to manage multiple water sources.

INCREASED SAFETY
Reduces slip, trip, and fall hazards associated with operators visibly inspecting water levels from the top of frac tanks.

PATENTED* DESIGN
Supports high-rate frac water transfer services composed of multiple water sources. Handles, treats, combines, and halts the flow of water to tanks and storage. *U.S. Patent No. 9,963,961

FIELD WIDE DATA ANALYSIS
Through WaterOne’s global SCADA system, captured data enables operators to ensure water transfer operations are continually tracked, reviewed, and optimized.

FEATURES
- Enables critical water storage and movement on location
- Climate controlled Command Center monitors and controls up to 20 tanks
- Simultaneous valve closure for maximum control
- On-board touchscreen PLC for local control
- Real-time visibility via AquaView® interface
- Customizable alert protocol sends communications based on urgency

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Tank Control</td>
<td>10 or 20 tanks</td>
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<tr>
<td>Footprint</td>
<td>8’ x 32’ or 8’ x 43’</td>
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<tr>
<td>Power Requirement</td>
<td>220 VAC</td>
</tr>
<tr>
<td>Working Pressure</td>
<td>200 psi</td>
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<tr>
<td>Flow Rate</td>
<td>140 bbl/min</td>
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<tr>
<td>Monitoring Capabilities</td>
<td>Tank Levels, Flow Rate/Total Water Chemistry, Temperature</td>
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READY TO SEE WHAT WE CAN DO FOR YOU?
To learn more about our WaterONE Automation services or request a quote, contact your Select Account Representative or visit selectenergyservices.com/contact/