TRIDENT® / TRIDENT HS Pilot
Pilot Plant HS1 AND HS2

The Microfloc Trident/Trident HS pilot plant tests the effectiveness of high-rate adsorption clarification or dual barrier clarification, followed by filtration.

Each pilot plant includes:

- An onboard chemical feed system complete with PLC for data logging and operation of pilot
- A full lab for bench scale and on-site testing to help determine chemical dosing, filter run lengths, adsorption clarifier run lengths, production efficiency, and contaminant removal
- Filter service and backwash pumps
- 50’ power cable

Pilot Applications

- Municipal surface water
- Municipal groundwater
- Industrial process & wastewater
- Common contaminant removal: As, color, Fe, Mn, PO₄, TOC, turbidity, etc.
- Pretreatment to membranes

Pilot Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Flow Rate</td>
<td>30 gpm</td>
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<tr>
<td>Operating Dimensions</td>
<td>12’ W x 60’ L x 15’ H</td>
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<tr>
<td>Operating Weight</td>
<td>36,000 Gallons</td>
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<tr>
<td>Power Requirements</td>
<td>460 V, 50 amp, 3 ph, 60 Hz</td>
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<td>Connection Sizes</td>
<td>2” Raw Water Inlet, 3” Waste Drain, ¾” Potable Water Inlet</td>
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<tr>
<td>Operational Control</td>
<td>Automatic</td>
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Contact WesTech today to implement a pilot test at your facility. Our responsive engineering team will help facilitate scheduling and pilot setup of the Trident or Trident HS pilot plant.

Represented by:

WesTech®
Tel: 801.265.1000 | westech-inc.com