



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

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.

Pilot Specifications	
Flow Rate	30 gpm
Operating Dimensions	12' W x 60' L x 15' H
Operating Weight	36,000 Gallons
Power Requirements	460 V, 50 amp, 3 ph, 60 hz
Connection Sizes	2" Raw Water Inlet 3" Waste Drain ¾" Potable Water Inlet
Operational Control	Automatic

Represented by: