

High Solids Mobile Clarifier

Treats water with high levels of solids for stormwater discharge or waste water remediation.

Specifically designed to handle high volumes of suspended solids with large dual settling zones and heavy-duty rakes.

Functioning at a maximum of 850 gpm, mobile clarifiers allow for quick delivery, setup and remote operation.

FEATURES

- Road-legal design for quick delivery and setup
- Onboard clearwell and booster pumps
- Hydraulic jacking legs
- Dual sediment rakes for waste evacuation
- Tip-up hand rails
- Single-point electrical hookup
- Dual-containment chemical injection system
- VFD-controlled components
- Up to 850 gpm flow rate
- PLC controlled equipment
- Touch-screen controls
- Remote monitoring

APPLICATIONS

- Clarifier bypass
- Stormwater discharge treatment
- Heavy metals precipitation
- Ash pond remediation
- Wastewater treatment



DIMENSIONS

Height

12'11" Shipping/
20'9" Operation

Width/Length

8'6"/52'10"

Shipping Weight

55,000 lbs

Operational Weight

202,000 lbs

System Capacity

12,150 gallon
10,500 gallon (Clarifier)
1,650 gallon (Filtrate)

PRODUCT WATER

Flow Rate

200 to 850 gpm*

Effluent

99% solids removal*

**Laboratory testing required. Water sample evaluated on case-by-case basis to determine removal efficiency.*

CONNECTIONS

Inlet

8" ANSI Class 150 Flange

Product

8" ANSI Class 150 Flange

Waste

6" ANSI Class 150 Flange

REQUIREMENTS

Max. Water Temp.

120° F

Max. Inlet Pressure

80 psi

Inlet TSS

10% w/w (100,000 ppm)

Electrical

200A 480VAC 3PH

Influent Flow

920 gpm

FEATURES

Touch-screen controls

Remote monitoring

Inlet flow-control valve

Coagulant and flocculant-dosing systems

Acid/base injection points for pH adjustment

Filtrate-storage tank

Forwarding pumps

Inlet and discharge turbidity meters

