

# Mobile Clarifier

**Treats water with high turbidity to serve as pretreatment for reverse osmosis systems, stormwater discharge and pond remediation.**

**Utilizes recirculating sand to decrease settling time in the water source, as well as dual cyclones to boost the rate of solids removal.**

**Functioning at a maximum of 800 gpm, mobile clarifiers allow for quick delivery, setup and remote operation.**

## FEATURES

- Road-legal design for quick delivery and setup
- Hydraulic jacking legs
- Tip-up hand rails
- Single-point electrical hookup
- Recirculating sand decreases settling time
- Dual cyclones for increased solids removal
- VFD-controlled components
- Up to 800 gpm flow rate
- Complete automated design
- Touch-screen controls
- Remote monitoring

## APPLICATIONS

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



## DIMENSIONS

### Height

12'11" Shipping/  
15'9" Operation

### Width/Length

8' 5"/54'

### Shipping Weight

56,000 lbs

### Operational Weight

175,000 lbs

### System Capacity

14,000 gallon  
12,800 gallon (Clarifier)  
1,200 gallon (Filtrate)

## PRODUCT WATER

### Flow Rate

Up to 800 gpm

### Effluent

99% solids removal\*

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

## CONNECTIONS

### Inlet

8" Class 150 Flange

### Product

8" Class 150 Flange

### Waste

4" Class 150 Flange

## REQUIREMENTS

### Max. Water Temp.

120° F

### Inlet Pressure

1-80 psi

### Inlet TSS

<1,000 PPM TSS

### Electrical

200A 480VAC 3PH

### Influent Flow

1,070 gpm

### Effluent Flow

800 gpm

## INSTRUMENTATION

Touch-screen controls

Remote monitoring

Inlet flow-control valve

Coagulant and flocculant-dosing systems

Acid/base Injection Points

Filtrate-storage tank

Forwarding pumps

Inlet and discharge turbidity meters

