

# SCHREIBER®

Pure Ingenuity

## Grit Classifier



Dewaters grit in a fully enclosed stainless steel unit with hardened steel shaftless screw conveyor.

Schreiber's Grit Classifier is designed to wash and dewater the grit slurry from grit removals systems, enabling easy handling and transferring of grit for final disposal. The grit slurry is transferred to the grit classifier, where the inlet flow is directed downward. The grit settles into the bottom of the hopper. A shafted screw rotates lifting the grit from the bottom of the hopper up the trough, further washing and dewatering the grit. The decanted water flows over a

weir and is returned to the waste stream.

Schreiber's Grit Classifier is fully enclosed and is constructed of 304 stainless steel to provide a long service life. A hardened steel shaftless screw provides durability and requires no submerged bearing.

The Schreiber Grit Classifier is available in two sizes – 12" diameter for flow rates up to 150 gpm and 20" diameter for flow rates of up to 300 gpm.

## APPLICATIONS

- Wastewater headworks
- Grit dewatering

## OPTIONS

- Class 1, Division 1 motor
- Internal heating element to prevent freezing
- Multiple inlet configurations

## BENEFITS

- Ease of Handling Grit
- Low Maintenance
- Corrosion Protection
- Fully Enclosed
- Affective over a wide range of grit particle sizing, including sugar sand
- Discharge grit dewatered and ready for the land fill

