

ROTARY DRUM THICKENER



PRINCIPLE OF OPERATION

Influent to the drum is controlled by means of a flow distribution inlet, based on the concentration of influent and flow rate required, which distribute the influent over a large area of the drum to ensure efficient use of the drum open area. As the drum rotates, fluid passes through the perforations in the drum and falls into the water collection trough and exits the screen housing. Solids are retained and thickened within the drum and dewatered as they move to the elevated end of the drum by the internal screw auger. The thickened solids are then discharged.



Thickened Sludge.



KUSTERS WATER
a division of KUSTERS ZIMA



Internal Distribution and Flights.

FEATURES

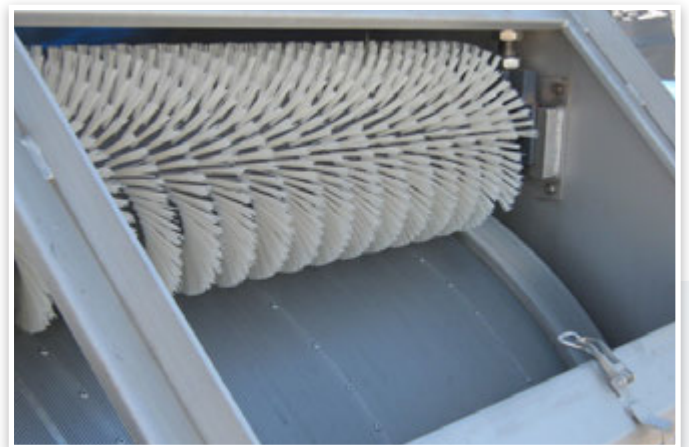
- Rugged Stainless Steel Construction
- Completely Enclosed
- Screenings Positively Conveyed to Discharge Point
- Ease of Maintenance
- Indoor or Outdoor Installation
- Automatic Integral Overflow with Alarm
- Spray Wash System
- Brush Cleaning System



Chemical Mixing System.

MATERIALS

- Drum: 304 or 316 Stainless Steel
- Housing: 304 or 316 Stainless Steel
- Inlet Pipe: 304 or 316 Stainless Steel
- Access covers: Molded ABS Thermoplastic
- Brush: Polyethylene
- Spray Bar: 304 or 316 Stainless Steel



Brush Cleaning System.

For more information call **864.576.0660**
or visit **kusterswater.com**



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