

JDV ROTARY DRUM THICKENER

Solids Handling Products

Product Overview

Removing water from solids is a primary concern for plant operators, whether it is digested sludge or raw sludge. Less water means lower overall solids disposal costs. For operators feeding digesters, removing free water from raw sludge equals increased digester efficiency and volume.

The **JDV Rotary Drum Thickener** is also excellent for liquids separation for industry. Pulp and paper, textiles, rendering facilities, food & beverage processing, tanneries, poultry plants and other industrial wastes can be thickened using the **JDV Rotary Drum Thickener**.

Polymer is injected into the feed line and mixes with the thin sludge in the Floc Basin or Tank. The conditioned sludge material is then passed into the **JDV Rotary Drum Thickener**, which separates the flocculated solids from the water. Thickened sludge rolls out the end of the drum, while the separated water decants through the self-cleaning screen.

The **JDV Rotary Drum Thickener** has a smaller foot print, lower upfront capital costs and lower overall operating costs when compared to other methods of thickening material.



Features	Benefits
Capacities up to 600 Gallons Per Minute (GPM)	Design Flexibility
Compact Design Minimizes Need for Valuable Building Square Footage	Increased Return On Invested Capital and/or Lower Initial Capital Costs.
Lower Power Requirements Versus Other Methods	Reduced Operating Costs, Lower Total Cost of Ownership.
Completely Enclosed Design	Reduced Odors, No Material Drop Off Losses and Increased Personnel Safety During Operation
Self Cleaning Rotary Screen, reducing polymer consumption	Reduced Maintenance Costs, Lower Total Cost of Ownership



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Options & Accessories

- Conditioning (Floc) Tank
- Over flow switch/alarm
- Drum Brush
- Control Panel for integration into central control system (SCADA)

Pricing

Pricing varies depending on capacity, in/out percent dry Solids and the type of sludge. Quotations are provided within 48 hours of request when accompanied by minimum required specification data.

Minimum specification data required in order to provide a quote:

1. Flow/Capacity (GPM)
2. % Feed (% Dry Solids)
3. % Out (% Dry Solids)
4. Type of Sludge (WAS, Primary, Secondary, etc...)

Contact JDV

Ensure Success For Your Next Project!

1-973-366-6556 or www.JDVEquipment.com

