Aries Rotary Drum Vacuum Filters (RVDFs) are designed for a wide range of liquid / solids separation. Typical applications include wastewater treatment and the processing of chemicals, cosmetics, foods, pharmaceuticals and minerals. Aries’ RDVF’s are extremely versatile and provide reliable continuous liquid / solids separation with minimal operator attention. They are designed to handle difficult to separate slurries. Aries’ RDVF’s produce a low solids filtrate with high solids filter cakes.

**Industries**
- Paint & Coatings
- Food & Dairy
- Oil & Gas
- Concrete Water Recycling
- Stone Cutting
- Corn & Sugar Processing
- Chemical Processing
- Metal Forming
- Clay & Pigments
- Rendering
- Industrial waste processors

**Applications:**
- Wastewater clarification and dewatering
- Starch & sugar processing
- Oily sludges
- Adhesive waste streams
- Glycol recovery
- Chemical Precipitation Systems
- Paint Spray Booths
- Chemical processing
- Mineral processing
Aries Rotary Drum Vacuum Filters (RVDFs) can be custom designed to meet unique application requirements. Aries' RVDFs are self-contained systems designed to provide continuous solids dewatering. As the drum rotates, partially submerged in a slurry, the vacuum pulls air and liquid through the filter cloth located on the exterior of the drum. This leaves a dewatered filter cake that is scraped off with a doctor blade. RDVF systems readily adapt to changes in slurry feed rates and solids concentrations. Typical volume reduction approaches 95% with a high solids filter cake produced.

Aries' RVDF advantages:

- Self contained
- Small footprint
- Continuous throughput
- Minimal operator attention
- Can handle variable slurries

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