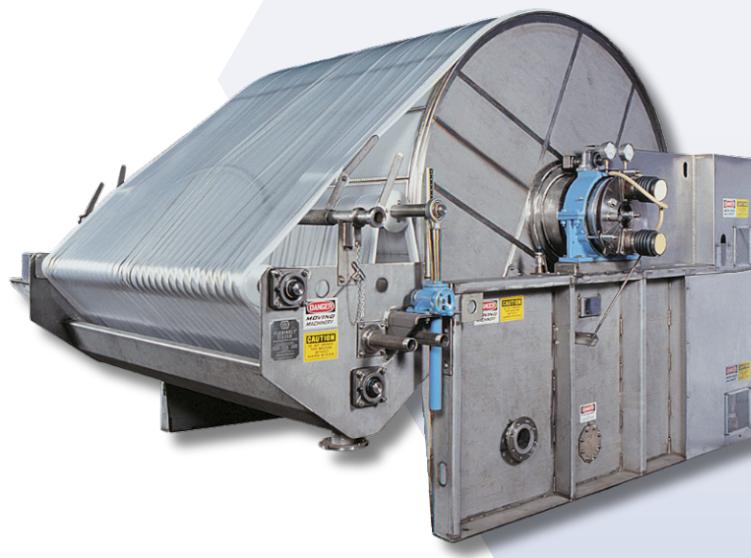


# Rotary Drum Vacuum Filter

Provides reliable performance with continuous operation and adaptable filtration, suitable for both straightforward and demanding processes.



## SUPERIOR LIQUID-SOLID SEPARATION, MINIMAL MAINTENANCE

The Rotary Drum Vacuum Filter (RDVF) delivers continuous, high-efficiency separation of liquids and solids across a wide range of industrial processes. Its versatile, modular design supports filtration, clarification, extraction, cake washing, and drying — all with customizable discharge options tailored to your specific material needs.

Built for performance and durability, the RDVF is trusted in the chemical, pharmaceutical, food processing, and power generation industries. With minimal maintenance and maximum reliability, it's a go-to choice for process engineers looking to boost efficiency without compromise.

## APPLICATIONS



**Agricultural Product, e.g.,  
Grain, Gypsum**



**Mining & Minerals**



**Plastics Resin, Electric  
Power**



**Food Processing  
Waste**



**Sludge**



**Fruit Juice, Wine, Corn  
Syrup Clarification**

## BENEFITS



**Filter Rate up to  
160 lb/ft<sup>2</sup>/hr**



**Five Unique  
Discharge Designs  
for Versatile Use**



**Easy Maintenance  
& Filter Media Care**



**Flue Gas Desulfurization  
(FGD) Scrubber Sludge**

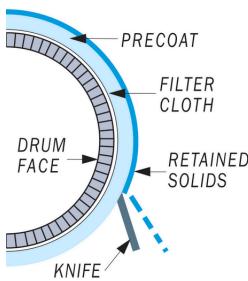


**Fermentation Broth**



**Industrial Waste**

## DESIGNED FOR VERSITILITY

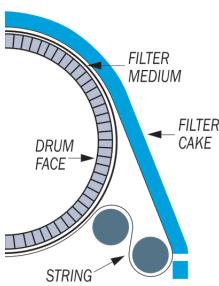


### PRECOAT DISCHARGE

A powder precoat is applied to prevent blinding the filter media.

#### Typical Applications:

- Slimy, sticky, oily and blinding solids
- Clear filtrates
- Filter diluted slurries with varying feed concentrations
- Very thin filter cakes

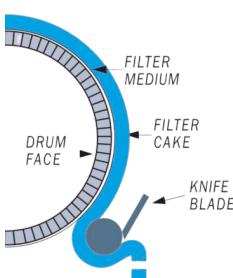


### STRING DISCHARGE

Parallel strings lift and release cake, minimizing wear to prolong the filter life.

#### Typical Applications:

- Cohesive cakes
- Gelatinous cakes

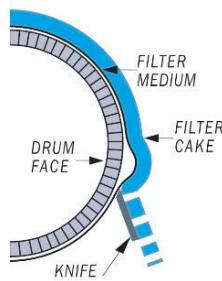


### ROLL DISCHARGE

Tight media to retain fine particles.

#### Typical Applications:

- Thin, sticky (tacky) cakes
- Dilatent and thixotropic materials

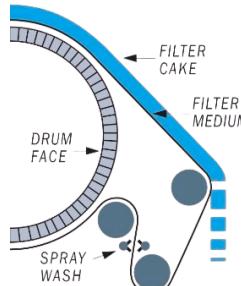


### SCRAPER DISCHARGE

Air blowback releases cake above the scraper.

#### Typical Applications:

- Fast filtering materials.
- Filter/Dewater granular or crystalline solids
- Cakes in excess of 1/4" thick
- Non-blinding cakes
- Cloth washing is not required



### FLEXIBELT® DISCHARGE

Variable-speed roll with raised helix for effective cake removal.

#### Typical Applications:

- Filter medium washing is required
- Thin cake
- Dry cake discharge or sluice (wet) cake

## SERVICES & PARTS

### Need replacement parts?

Contact our sales team and ask about our inventory of 10,000+ spare parts — to support your filtration needs.

End-to-end separation technologies used by municipal water, agricultural, and manufacturing industries.

