



Cleanova
MICRONICS



HIGH-PERFORMANCE HORIZONTAL BELT VACUUM FILTERS FOR DEMANDING FILTRATION NEEDS



ENGINEERED FOR RESULTS.

RELIABLE, CONTINUOUS OPERATION. EXCELLENT CAKE WASHING PERFORMANCE.

Cleanova's NFM[®] Horizontal Belt Filter (HBVF) system delivers:

- Reliable, continuous dewatering and cake-washing performance with high density slurries > 1.8 SG
- High-throughput continuous production rates producing solids of 50–500 lbs/hr/ft²
- Adjustable belt speeds range between 5–70 feet per minute
- Very effective cake washing efficiencies with thicknesses ranging from 6–80 mm
- Adjustable belt speeds ranging from 5–70 ft/minute
- Proven solutions to enhance product capture and cake washing for unique requirements such as ion-exchange reactions
- Little to no particle degradation or attrition



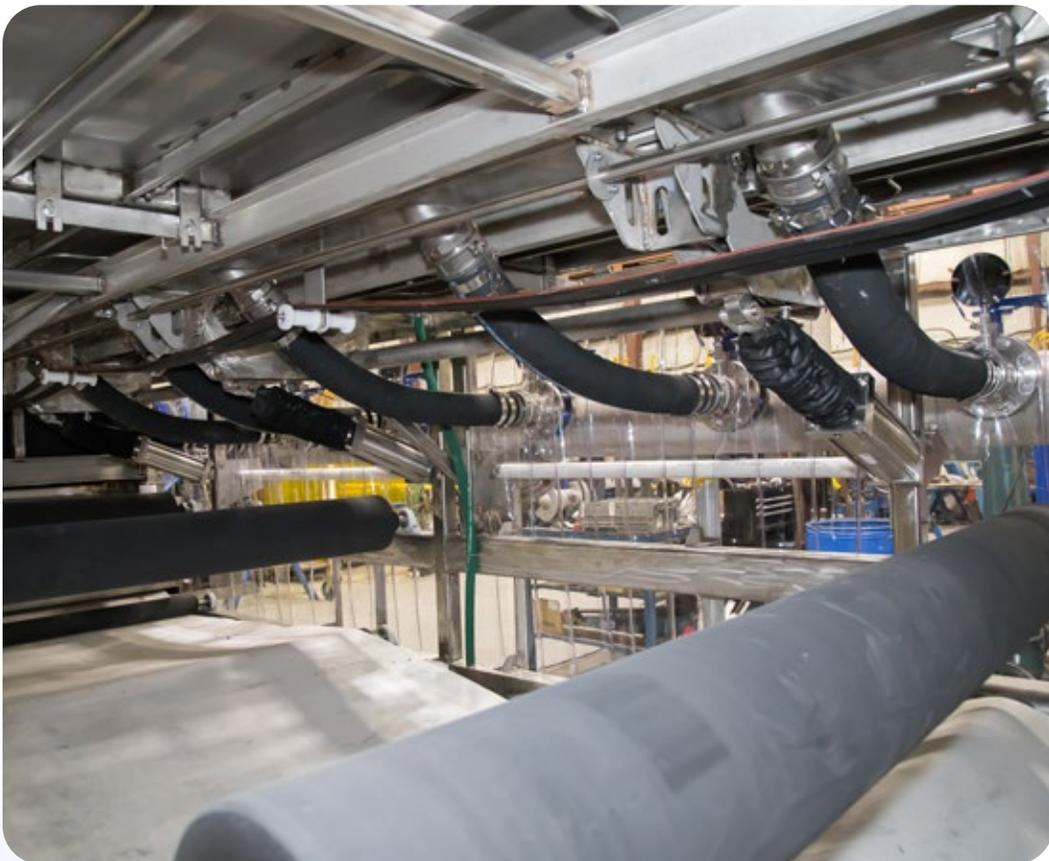
High Efficiency belt wash station for longer belt life and performance



Available counter-current feed system for enhanced product recovery



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ENGINEERED HBVF SOLUTIONS

Cleanova Micronics leads the way in advanced vacuum filtration solutions.

ENGINEERING CAPABILITIES

- Registered Professional Engineers
- Mechanical, Electrical, and Process Design
- Custom Capabilities
- 3D CAD and Inventor Modeling
- Finite Element Analysis (FEA) Simulation
- Prototyping

FIELD TECHNICAL SERVICE

- Project Management
- Turn-Key Installation
- Equipment Commissioning
- Operator, Maintenance and Safety Training
- Mechanical Inspections
- Performance Audits
- On Site Remanufacturing
- Laboratory and Pilot Scale Testing



Automatic Wash nozzle cleaning to maintain optimal belt wash efficiency

MANUFACTURING CAPABILITIES

- ASME Certified Welders and Millwrights
- X-Ray, Penetrant, Helium/Pressure Testing
- Quality Control Inspection of Incoming Materials, Components and Final Assembly
- Hot Vulcanizing Roll and Pulley Rubber Coverings
- Manufacturing of rubber drainage belts
- Non-union

INDUSTRIES SERVED

- Mining & Mineral Processing
- Chemical Manufacturing
- Building Products
- Food & Beverage
- Power Generation (Flue Gas Desulfurization)
- Pharmaceuticals
- Pulp & Paper



Direct Drive system for lower cost of ownership and reliable performance



HIGH-PERFORMANCE HORIZONTAL BELT VACUUM FILTERS FOR DEMANDING FILTRATION NEEDS



Improving operating efficiencies,
protecting the environment,
contributing to sustainability,
and ensuring a cleaner tomorrow

At Cleanova Micronics, we take pride in our legacy of strong, trusted filtration brands providing Pressure Filtration, Vacuum Filtration, and Air Pollution Control/Baghouse Solutions.

We are problem solvers. We provide personal attention to address each company's filtration challenges, goals, and objectives. We are committed to building strong, long-term partnerships with our customers and earning their trust each and every day.

Whether with filter media, advanced filtration equipment, maintenance and field services, or spare parts, our team of filtration experts is committed to our customers' success.