

HIGH-PERFORMANCE FILTER PRESS SOLUTIONS FOR DEMANDING APPLICATIONS

ADVANCED FILTER PRESS SOLUTIONS FOR LIQUID-SOLID SEPARATION.



COMPREHENSIVE FILTER PRESS TECHNOLOGIES FOR DEMANDING INDUSTRIES:

- Mining & Critical Mineral Processing
- Alumina Refining
- Aluminium
- Steel
- Battery Recycling & Circular Economy
- Chemical & Specialty Chemical Manufacturing
- Titanium Dioxide, and other Pigments & Dyes
- Food & Beverage
- Pharmaceuticals & Biotech
- Wastewater Treatment
- Drinking Water Treatment
- Pulp & Paper
- Tanneries, and more

Custom-Manufactured Filter Media, Equipment, and Parts...plus Technical Services

- Filter Cloth
- Filter Presses
- Filter Plates
- On-site Technical Field Service
- In-house Laboratory Services
- Engineered Parts and Accessories
- Parts for Repair



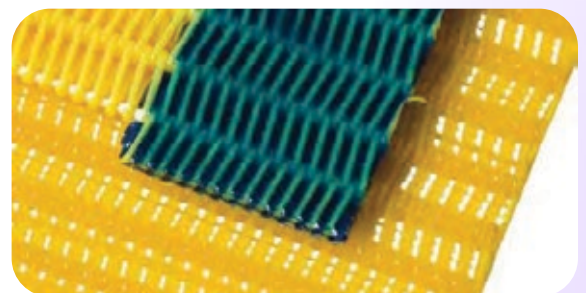
Custom Equipment Designs



Filter Cloth: Standard and Custom Designs



Laser Cut Cloth



Vacuum and Belt Filter Cloths

WE KNOW LIQUID-SOLID SEPARATION

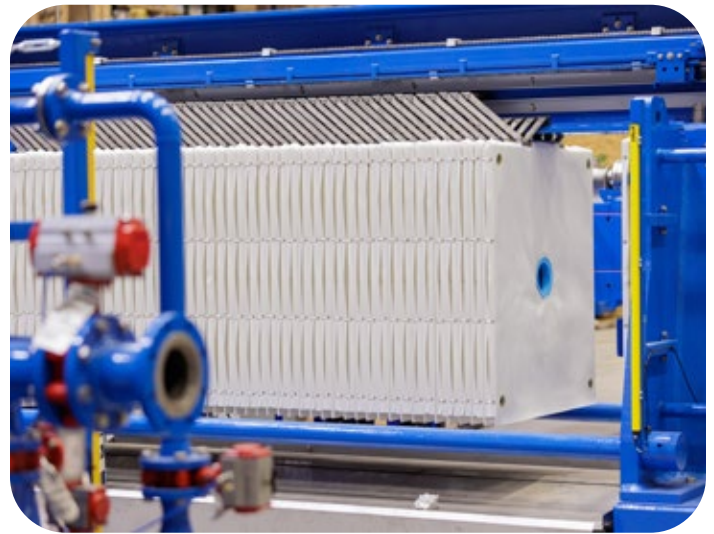
Backed by over five decades of experience and world-class manufacturing, Cleanova Micronics provides custom solutions, equipment, and expert consultation across industries. Customers trust us to deliver filtration results that go beyond expectations - every time.

A TRUSTED FILTRATION PARTNER – AND PROBLEM SOLVER

Our customers trust us not only for high-performance filter media, plates, and filtration equipment, but also for the expertise that ensures success. From project design to ongoing optimization, we help reduce costs, improve efficiency, extend service life, and protect the environment.



System Control Devices



Industry-Leading Equipment Designs



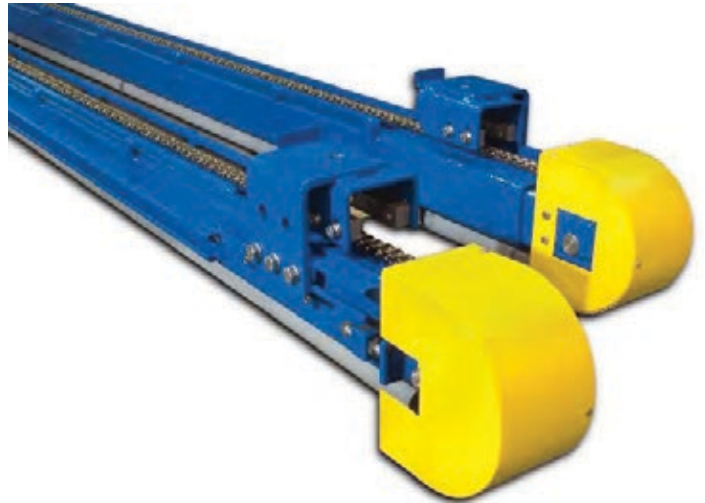
Custom-Engineered High-Capacity Filter Presses for Optimal Dewatering

FILTER PRESS SOLUTIONS

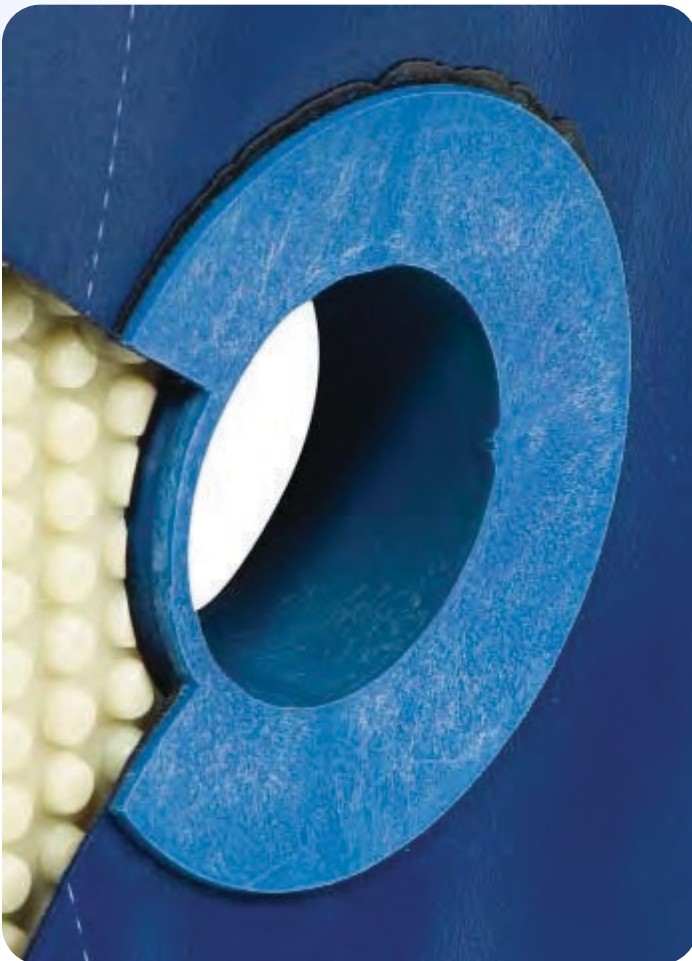
QUALITY • INNOVATION • RELIABILITY

At Cleanova Micronics, we design, engineer and manufacture filter press solutions, working with a trusted network of suppliers. Many of the innovations we have pioneered are now industry standards. Our customers rely on us for high-quality, trouble-free products that are engineered by filtration experts and tailored to their specific process needs and budgets. We challenge ourselves to continuously innovate to deliver superior filtration products and services for your demanding applications.

Our products are tailored to each customer's application. Contact us for information about pilot testing for your innovative processes and applications.



Modular Optional Plate Shifter Fits Any Filter Press



Patented Slurry Feed Delivery Shown in Cross Section

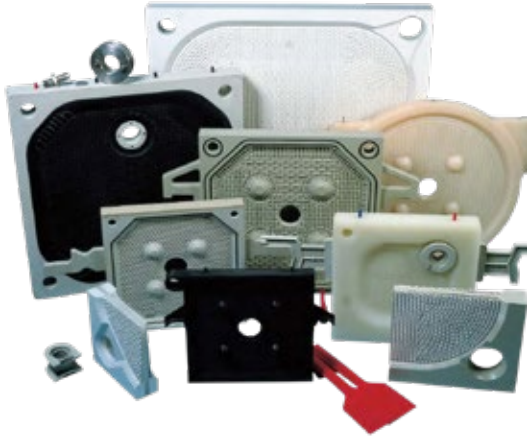


Patented Cloth and Plate Integration

PRECISION. EXCELLENCE. VALUE.

FILTER PLATES FOR YOUR EXACT APPLICATION

- Standard stock plates and special custom designs
- Full range of filter plates including recessed, membrane, vacuum membrane, and plate & frame filter plates in polypropylene, kynar, stainless steel or aluminum material



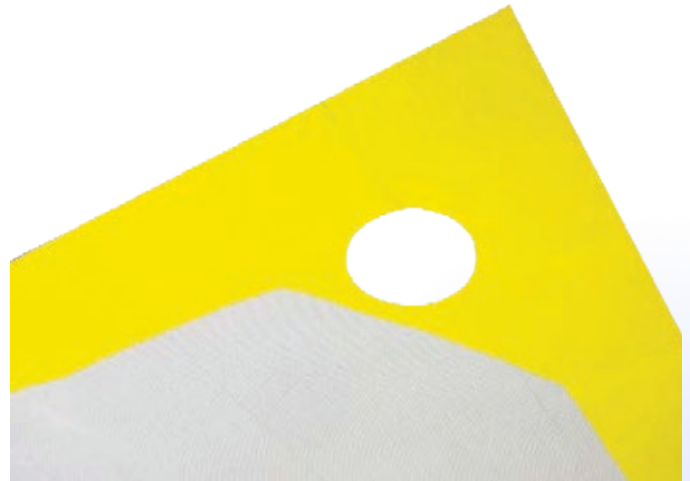
A Complete Filter Plate Range with Any Accessory Required



Cloth Designed to Match Your Specific Needs

FILTER CLOTH

- Precision, high tech equipment and manufacturing craftsmanship
- Step-by-step process for designing, measuring and creating your filter cloth
- Stronger, more durable high performing cloths customized for your exact application
- Full range of synthetic and natural fibers, woven and felted
- Lightweight to heavy woven fabrics
- Monofilament, multifilament, staple (spun) fiber and combination yarn design
- Satin, twill, plain, special and duplex weave patterns



Filter Press Cloth



Belt Filter Cloth



Mine-XLL™ Filter Press Cloth

ENGINEERED FILTER PRESSES, EXPERT DEWATERING.

SIDEBAR AND OVERHEAD BEAM DESIGNS TAILORED TO YOUR NEEDS.

Cleanova Micronics' engineered filter presses deliver reliable, efficient dewatering solutions for diverse industries. From laboratory-scale to full production, we offer a complete range of designs to match your process requirements.

- Low operating costs
- Reliable, trouble-free operation
- Sustained performance in demanding applications
- Efficient, cost-effective dewatering
- Fully integrated system designs and installation
- Rentals for pilot or test applications, including our 150mm MicroPress™
- Flexible Options for Every Application
- Rectangular Sidebar Filter Presses
- Overhead Beam, plate-suspension press models
- Compression and tension closure frames
- Presses available in manual, semi-automatic, and fully automatic models
- Air-Operated or Electro-Hydraulic Systems



Pneumatic Air-Over-Oil Filter Press
(can be used in explosion-proof environment)



Overhead Beam Press Models
for Easier Access to Plates/Cloth



Fully Automatic Sidebar Filter Presses
for Optimal Liquid-Solid Separation



Compact Footprint, Manual Dewatering
for Smaller Volumes

IT'S ALL RIGHT HERE.

Turn to Cleanova Micronics for better operating efficiencies, reduced yield losses, water conservation, reduced environmental impact, and a lower cost of ownership. Problem solved.

WITH YEARS OF INDUSTRY EXPERIENCE, WE OFFER:

- Pilot Testing and Process Optimization
- New Capital Equipment
- Filter Plates
- Industry-leading Filter Press Cloth for longer life
- Replacement Press Parts
- Turnkey Retrofits and Refurbishments for all OEM press brands
- Field Maintenance Services
- Installation and Commissioning



Technical review of installation



Complete refurbished filter. Addition of booth washer and support structure.



High Capacity Filter Press with Automatic Cloth Washer

PUT US TO WORK ON YOUR CURRENT CHALLENGE.

- Starting a new venture?
- Equipment not as efficient as you'd like?
- Filtration processes too costly?
- Worried about repairs to your press, plates or cloth?



Filter Cake Cart

HIGH-PERFORMANCE FILTER PRESS SOLUTIONS FOR DEMANDING APPLICATIONS



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



Cleanova Micronics is dedicated to being the comprehensive solutions provider for Pressure Filtration needs across all industries...including yours. This is what we call total engineered filtration solutions. In addition to filtration equipment, parts, accessories, and industry-leading filter media – we provide high-quality field and in-house laboratory services to help customers maintain and operate their pressure filters.

Problem-solving, technical innovation, speed, and reliability are at the core of our solutions. Safety and compliance are paramount in your operation, and in our range of Pressure Filtration solutions and services. Contact us Today!