



Precision. Innovation. Commitment.

MICRONICS
ENGINEERED FILTRATION GROUP



*Comprehensive filtration solutions
for every application....*

Serving a wide range of industries, including:

- Food & Beverage
- Mining/Minerals
- Paper Industry
- Pharmaceuticals
- Pigments / Dyes
- Potable Water Treatment
- Refineries
- Chemical
- Tanneries
- Waste Water Treatment

Custom-manufactured filter media:

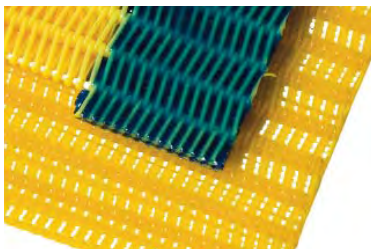
- Filter Cloths
- Filter Presses
- Filter Plates
- On site service
- Accessories
- Parts for repair



Operator friendly
equipment designs



System control devices



Vacuum and belt
filter cloths



High capacity filtration



Filter cloth: standard
and custom designs

...and much more.

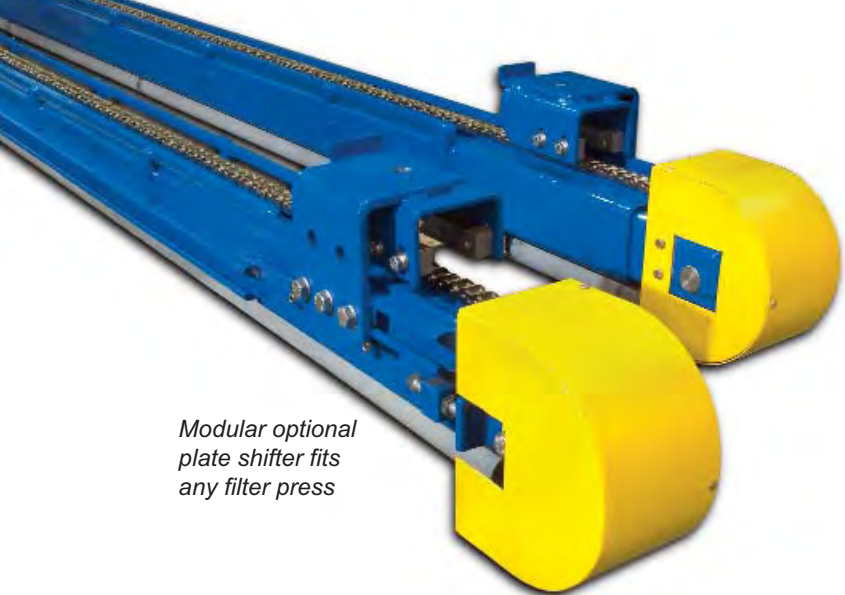


We know liquid-solid separation.

Over 50 years in the business – and our own on-site manufacturing of filtration products – gives us *expertise and support capabilities* you won't find anywhere else. Our customers rely on us for custom manufactured *equipment* and prompt, reliable *consultation* for their filtration applications – *no matter what the manufacturer or brand*.

*A trusted filtration partner
(and problem-solver).*

Whether you're a small or large company, local or global, you'll enjoy *personal attention from our top experts*. We'll guide you through all phases of your project... and beyond. In fact, our customers rely on us as their long-term partner in filter media and applications – to help *reduce costs, increase efficiency* and *extend the life* of their filtration equipment.

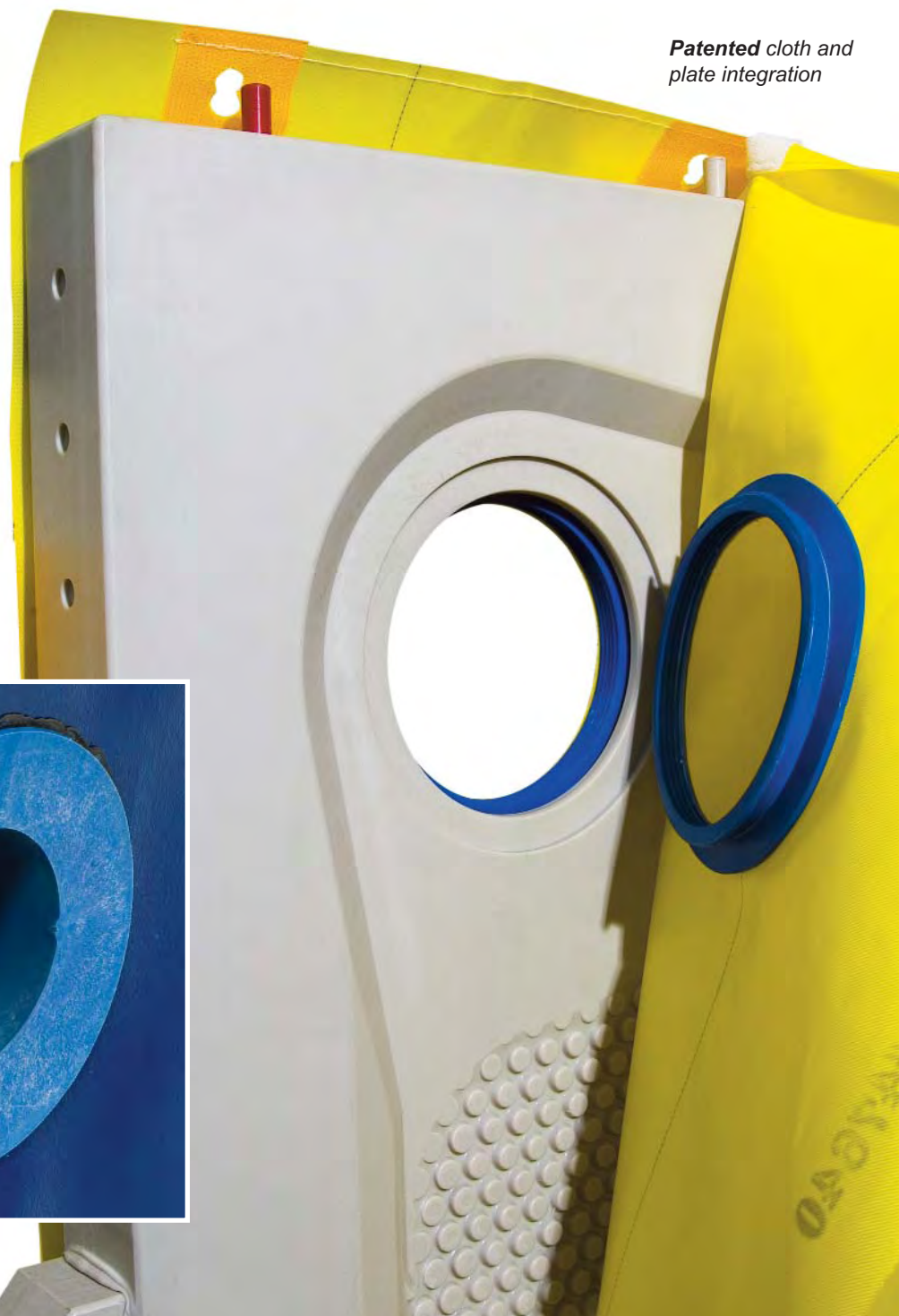


*Modular optional
plate shifter fits
any filter press*

Quality and innovation

We manufacture and design all of our own products and work with a close, trusted network of suppliers. (In fact, we've *invented several filtration parts* now standard in the industry.) Our customers enjoy *trouble-free, high quality products* designed by filtration experts, and customized to individual needs and budgets.

Patented Slurry Feed Delivery
shown in cross section



Patented cloth and
plate integration



Precision. Excellence. Value.

Our products are tailored to each customer's application. Call us for more information about pricing and installation of filter media that meet 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

Micronics

Belt filter cloth

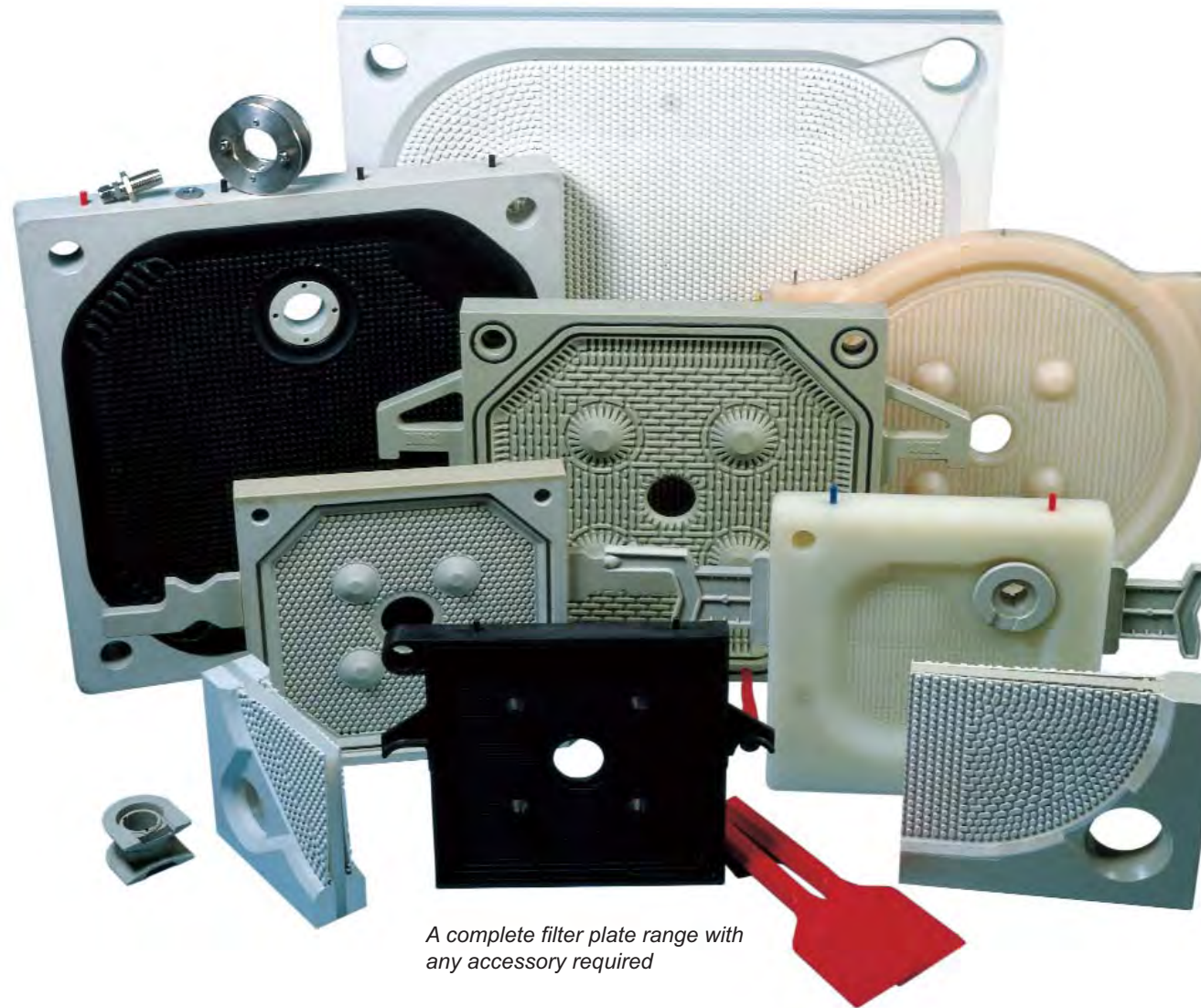


Filter cloth



Filter Plates

- 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 filter plate



Filter Presses

- Low operating cost
- Reliable trouble free operation
- Sustained operating ability
- Efficient low cost dewatering
- Fully integrated system designs and installation
- Rentals for test applications
- Round and rectangular side bar
- Overhead plate suspension models
- Manual, semi-automatic and fully automatic machines
- Air and Electro Hydraulic systems
- Compression and tension closure frames
- Laboratory scale filters

*Fully automatic
filter press*



*Pneumatic air over oil filter press
(can be used in explosion proof
environment)*



Overhead frameworks



*Simple low capacity filter
Small footprint
Economic dewatering*

***Don't need a whole new system?
We're the refurbishing experts***

- Turnkey refurbishing and retrofitting of all manufacturers and brands
- Maintenance services
- Replacement parts for numerous applications



*Technical review
of installation*

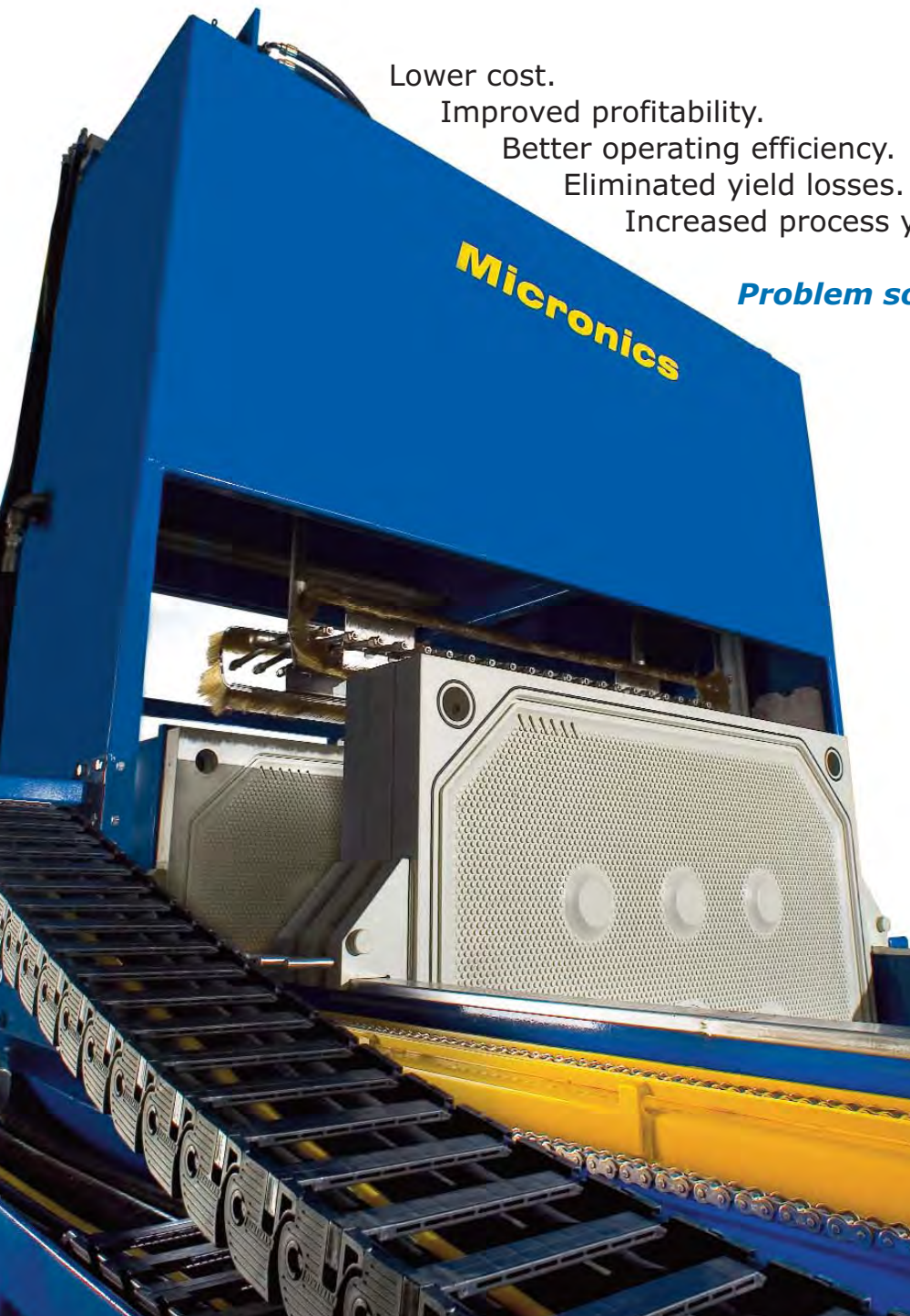


*Complete refurbished filter.
Addition of booth washer
and support structure.*



Lower cost.
Improved profitability.
Better operating efficiency.
Eliminated yield losses.
Increased process yield and capacity.

Problem solved.



Filter cake cart

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?

*High capacity filter
with cloth washer*

We can help.



The next step...

Our experts work with customers all over the world to address filtration challenges. Chances are we know how to solve your issue – promptly – to save you time, money, and hassle.

We use our vast expertise for creative solutions instead of making costly replacements.

No matter what your company size or filtration needs, put us to work for you.

MICRONICS

ENGINEERED FILTRATION GROUP

MICRONICS

SFM



NFM

Filterfab

TOTAL ENGINEERED FILTRATION SOLUTIONS

Micronic Engineered Filtration Group

1201 Riverfront Parkway
Chattanooga, TN 37402 U.S.A.
423.698.8988

www.micronicsinc.com