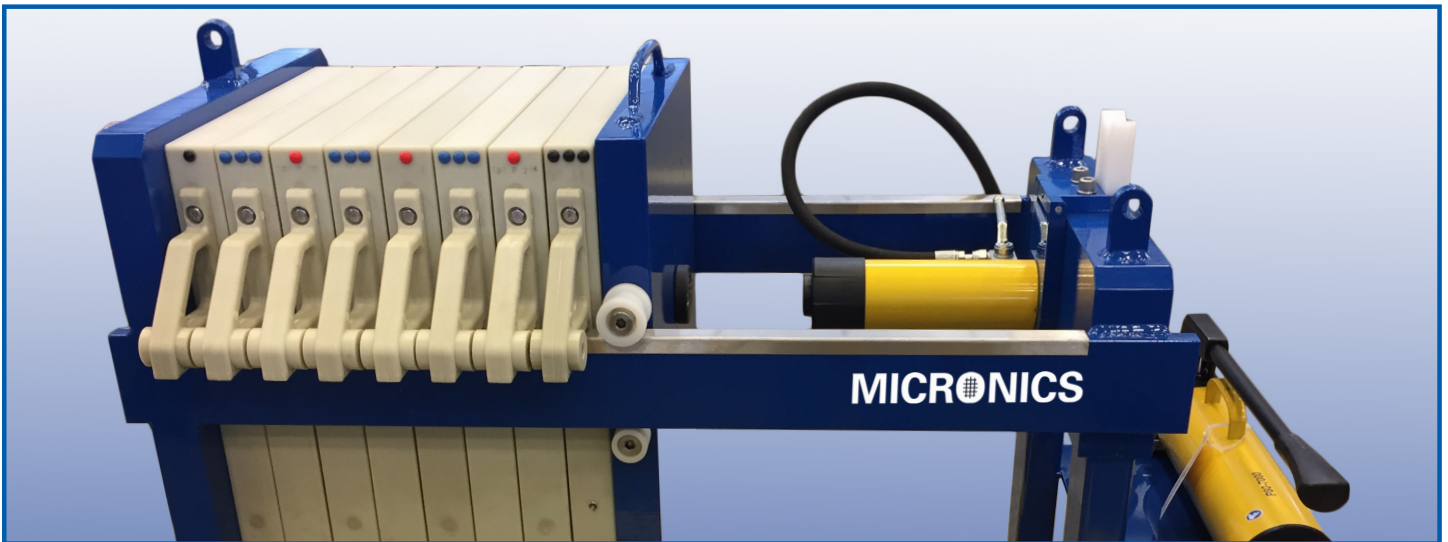


# Micronics 470mm Filter Press

## Reliable. Safe. Easy to Operate & Maintain.



## Micronics' Standard 470mm Filter Press is the perfect entry-level press for your smaller-scale dewatering operation.

We deliver quality, reliability, and the rugged, robust construction you count on from the Micronics Engineered Filtration Group, including our exclusive 3-layer paint system for improved corrosion resistance.

Our 470mm filter presses use manually-shifted filter plates and hand-operated hydraulic power units. The piping manifold with manual valves for controlling feed, filtrate, and cake blow is included. Talk to us about cake carts and automated equipment to suit your facility's needs.



Micronics offers TWO (2) standard 470mm models, a 1-cubic foot capacity and a 2-cubic foot capacity press. The 1-cubic foot MSP 1-2 is expandable, allowing you to double the press capacity when your operational requirements grow.

**Micronics' New Standard 470mm Filter Presses Are In-Stock and Ready-to-Ship... We'll get you on your way to efficient, effective dewatering – quickly.**

### Standard Options Include:

- Cake Cart for 470mm Filter Press, designed with forklift lifting points and locking casters
- Air-operated Diaphragm Feed Pump, installed on press-mounted pump stand
- Automatic Feed Pump Control System (for control of Air-operated Diaphragm Feed Pump)

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## At A Glance, Micronics Standard 470mm Filter Presses

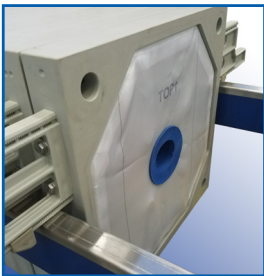
| Model   | Volume (nominal)  |      |                   |      | # Chambers<br>Initial/Expanded | Length* |       | Weight (Operating)** |        |
|---------|-------------------|------|-------------------|------|--------------------------------|---------|-------|----------------------|--------|
|         | Initial           |      | Expanded          |      |                                |         |       |                      |        |
| MSP 1-2 | 1 ft <sup>3</sup> | 30 L | 2 ft <sup>3</sup> | 60 L | 7 / 13                         | 75"     | 1.9 m | 2,115 lbs            | 960 kg |
| MSP 2-2 | 2 ft <sup>3</sup> | 60 L | 2 ft <sup>3</sup> | 60 L | 13 / 13                        | 75"     | 1.9 m | 2,115 lbs            | 960 kg |

Plate Type: 470mm x 470mm, Gasketed "CGR"  
Max Pressure: 8 bar design

\* Length includes valve manifold  
\*\* Operating weight assumes a fully expanded press and cake density of 85 lbs/ft<sup>3</sup>

### Filter Cloth

Filter Cloth is the key foundational ingredient for ensuring an efficient, reliable filter press operation. Along with your Micronics 470mm Filter Press, we will supply you with a complete set of high-quality filter cloths with our "HPR" welded feed necks for enhanced performance – improved slurry delivery & greater abrasion resistance – to meet your requirements.



Micronics' Filter Cloths are precision-manufactured using one of several laser-cutters, in Micronics' own state-of-the-art manufacturing facilities. Our cloths are designed for easy attachment & replacement.

**Turn to your Micronics sales representative for more information, a GA drawing, and a Filter Press Quotation.**

### Accessories, Spare Parts, and Services

You can confidently turn to Micronics for everything you need to keep your filter press in top operating condition.

We will supply you with replacement filter cloths, air hammers, filter plates - when you are ready for expansion or to replace old filter plates - and much more.



Our knowledgeable full-time service technicians will help you with troubleshooting or process optimization to get the most from your system, including reducing cycle time and optimizing cake dryness.



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