

▶ The distinct benefits of Mott all-metal process filtration?

Process Filtration News

Mott can improve or enhance your current filtration operation, reduce your operating costs and reduce your environmental exposure to risks by replacing your out-dated equipment with rugged porous metal filter elements or a state-of-the-art fully automated filtration system. We hope you will take a moment to read about how Mott process filtration systems can provide better solutions to what you may currently use to meet your filtration requirements.

Mott HyPulse® Systems

Proven for decades in process filtration

Mott HyPulse® filtration systems provide superior efficiencies when used as replacement technology for outdated leaf filters, cyclones, and filter presses. Filtration requirements in Refineries, Specialty Chemical Processing and the Pharmaceutical industry demand the removal of fine solids.

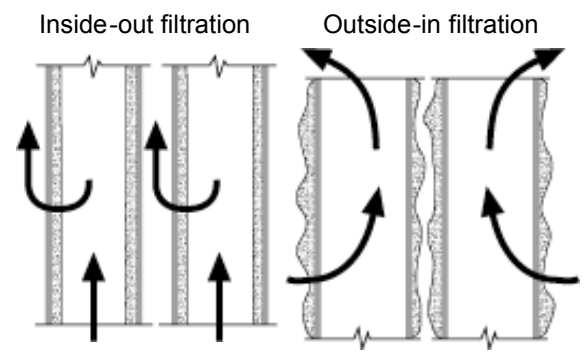
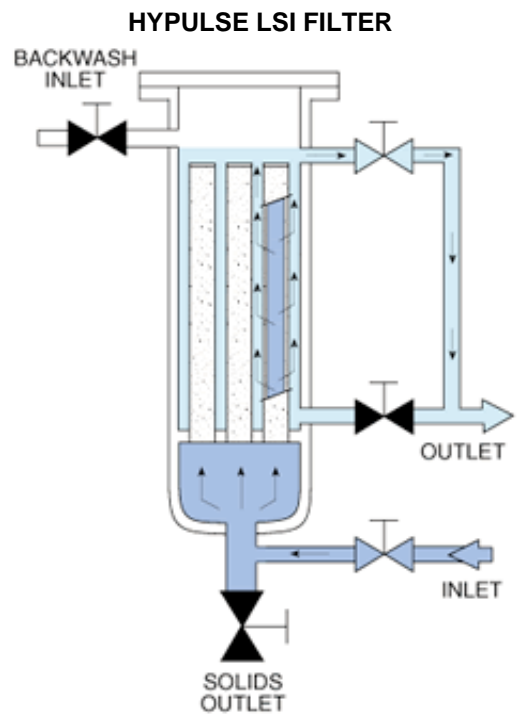


Mott's filtration systems are capable of providing a solution without the use of moving parts, without the threat of operator exposure to hazardous conditions or environmental excursions, and without the need for a secondary final filter. Mott's porous metal media is cleanable in place, eliminating the need to change out and dispose of contaminated media. Mott simply provides a safer, easier and more effective way of solving tough filtration applications.

HyPulse LSI "Inside-Out" Filtration

Mott HyPulse LSI filters provide the optimal solution for the most demanding processes. They are designed for applications that include high temperature operation, high-efficiency liquid-solids separations, backwashability, and continuous operation. Fully-automated Mott filter systems eliminate constant operator dependence, and their fully

enclosed design protects operators from hazardous exposures.



Inside-out filtration used in Mott HyPulse LSI filters results in more uniform deposition and more secure retention of solids, while eliminating the problem of cake bridging between elements often associated with outside-in filtration.

Mott filters also typically provide single-pass filtrate clarity, eliminating long recirculation processes and increasing production capacity. Mott offers the widest selection of filter media ranging from standard 316L stainless steel to corrosive-resistant nickel and Hastelloy, among others.



Our all-metal filtration systems frequently provide a better economic solution over filter presses or leaf filters, with the added benefit that in most cases their use will eliminate the need for filter aids, employee exposure and maintenance typically associated with these outdated filtration technologies.

The Mott HyPulse LSI filter offers performance advantages over other types of separations equipment in the following categories:

- Filtrate quality
- Pressure drop capability
- Cycle time and throughput
- Pressure drop recovery after backwash
- Automated operation

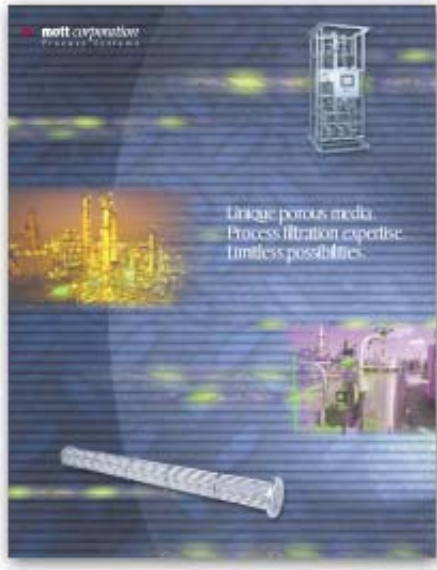
With a Mott HyPulse filtration system, you can also eliminate operator exposure from frequent media change-outs and avoid expensive media disposal costs.



Close-packed filter elements enable Mott to design compact LSX systems with more filtration area than much larger competitive systems.

For more information

Click on the image below to download our [process systems overview](#). You may also contact us at Process Systems Sales, Mott Corporation, 84 Spring Lane, Farmington, CT 06032, 1-860-747-6333 or Toll-Free 1-800-BUY-MOTT. E-mail: quest@mottcorp.com.



mott corporation
Process Systems



Unique porous media.
Process filtration expertise.
Limitless possibilities.

