

FILTRATION SOLUTIONS FOR MACHINE TOOLS



Improved Reliability

Branded Solutions

Lower Maintenance Costs



PBB

Process Booster Block | PBB

- ◆ Compact size can be a solution for tight spaces
- ◆ Adapts to customer-specific pump solutions
- ◆ Integrated solutions for state-of-the-art "Fluid Wall"
- ◆ Easy Error Access
- ◆ Modular Design
- ◆ Quick change of components



K9

Medium Pressure Filter | K9

- ◆ Base-ported filter with 900 psi operating pressure and up to 100 gpm flow.
- ◆ Provides in-line, single pass water and/or fine particulate filtration when mated in series with one or two additional K9 housings.
- ◆ Designed to meet HF4 automotive standard.
- ◆ Available with test points downstream and/or upstream.
- ◆ Perfect for through spindle coolant applications.



FOF60

High Pressure Sandwich Filter | FOF60

- ◆ 6,000 psi operating pressure and up to 12 gpm flow.
- ◆ Designed to mate with D03 subplate pattern, reducing pressure drop and minimizing leakage points.
- ◆ High collapse element withstands high pressure surges and static loads while providing dedicated filtration to a specific component.



CTF60

Top-Ported Pressure Filter | CTF60

- ◆ 6,000 psi operating pressure and up to 75 gpm flow.
- ◆ Compact design is ideal for high pressure applications requiring a space saving solution.
- ◆ Thread on bowl with optional drain plug facilitates easy element service.



KLC

Fluid Conditioning | KLC

- ◆ A small, self-contained filtration system equipped with high efficiency, high capacity elements capable of removing particulate contamination and/or water quickly, conveniently and economically.
- ◆ An off-line system that can be used to supplement in-line filters, when adequate turnover cannot be achieved in the system.
- ◆ Flow rates of 1.3 gpm to 4.9 gpm



Triton-E

Triton-A

Triton Dehydration Station[®] | Triton E and Triton A

- ◆ Designed to eliminate 100% free and up to 90% of dissolved water from hydraulic fluids.
- ◆ Uses a patented mass transfer process, they efficiently remove water and particulate contamination quickly in virtually all environments.
- ◆ Extremely portable
- ◆ Available as 1.5 (Triton-A) and 15 gpm (Triton-E) versions.



TCM

Fluid Condition Monitoring | TCM

- ◆ Newest generation of particulate monitors that continuously measures solid contamination in fluids.
- ◆ Enclosed in a 4-inch diameter case, the TCM utilizes an optical sensor and measures particulates in four sizes (>4, >6, >14 and >21 microns).
- ◆ Measurement results can be displayed or exported as a contamination code according to ISO 4406:1999 or SAE AS 4059.
- ◆ Mounted on a manifold for flow control and integration of a water sensor TWS for measuring water saturation of fluids.



RF3

RF4

Automatic Back-Flushing Filter | RF3 and RF4

- ◆ Separation of solid particles from low viscosity fluids
- ◆ Filtration ratings from 25 μm to 3,000 μm
- ◆ Automation brings efficiency to machine tool maintenance
- ◆ Performance enhanced by isokinetics
- ◆ Safety assured by proven technology and experience
- ◆ Flow Rates: Up to 220 L/min
- ◆ RF4 is designed for individual machines. The RF3 is for central coolant conditioning systems



Schroeder Elements

Schroeder Bestfit[®] Element with Private Label Branding Available

- ◆ Affordable filtration solution that can be used in a wide variety of applications
- ◆ Cartridge and Spin-on styles available
- ◆ Variety of media grades (cellulose, synthetic, water removal, anti-stat)
- ◆ Available for private label branding
- ◆ Over 40,000 cross references on the website

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for machine tools. We are proud of our proven track record of providing quality products over the last sixty years. The designs you see inside are the result of thousands of hours of field testing and laboratory research... and decades of experience. Schroeder was one of the first companies to demonstrate the need for, and benefits of, hydraulic filtration. We pioneered the development of micronic filtration, helping to set performance standards in industrial fluid power systems. As a result, Schroeder is now a leader in filtration and fluid conditioning—and the proof of our expertise lies in our broad mix of unsurpassed products.

For more information, please visit: www.schroederindustries.com

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Machine Tools



We design solutions for machine tool applications and for the success of our customers by:

- ◆ Optimizing the use of technology with applications for improved equipment performance
- ◆ Using an efficient, timely customization process to fill the specific needs of machinery customer
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of machine tool customers
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges of our customers
- ◆ Nurturing a creative, cooperative culture committed to providing the best solutions for our customers

Our goal is to be your fluid conditioning partner. Our expertise in filtration technology, our superior filter and element manufacturing capabilities, and our dedication to customer service and product support are the reasons we're considered experts in Advanced Fluid Conditioning Solutions®.

We are committed to providing the best available filter products to meet necessary cleanliness levels at a competitive price. As a cost-effective quality producer, we can work with your organization to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.



For more information, please contact sisales@schroederindustries.com



580 West Park Road | Leetsdale, PA 15056, USA
724.318.1100 phone | 724.318.1200 fax
www.schroederindustries.com

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Advanced Fluid Conditioning Solutions®