

FILTRATION SOLUTIONS FOR

AGRICULTURE APPLICATIONS



Schroeder
INDUSTRIES
Advanced Fluid Conditioning Solutions®



AutoFill® Automatic Backflushing Filter | RF14

- ◆ Automatic backflushing function allows virtually uninterrupted filtration for increased efficiency and decreased maintenance requirements
- ◆ Provides filtration for particulates as small as 10 microns
- ◆ Ideal for soft particulates like algae, organic material, fibers, cottonwood debris, and stringy materials
- ◆ Utilizes basket with suction scanning technology

Fluid Conditioning | FCU, FS and BDC

- ◆ FCU: A portable service unit and is designed for temporary measurement of solid particle contamination (ISO code) and water saturation in hydraulic systems. The integrated pump and the hoses with test point connections, which are included with the FCU, allow operation on reservoirs, control circuits, and high pressure circuits.
- ◆ FS: Our basic Filtration Station® transfers fluid through two (2) K9 filters in series for staged particulate or water/particulate removal. An optional water sensor is available for providing the water saturation of the fluid, which can be displayed on the control panel.
- ◆ BDC: The Bulk Diesel Cart provides exceptional single-pass diesel filtration and continuous water removal. It includes the BDS unit with a particulate pre-filter and our patent pending coalescing water removal filter. Ideal for single pass transfer or kidney loop fuel maintenance operations at 25 gp



Hydraulic & Lube Filters | GH, CTF60 and GRTB

- ◆ Filters rated for 100 to 6500 psi working pressure or 20 to 450 gpm
- ◆ High-pressure filters to protect open-circuit functions and closed-loop pumps and motors
- ◆ Lightweight and Cost Optimized
- ◆ Low-pressure filtration for inline and in-tank hydraulic returns
- ◆ Allows for consolidation of inventoried replacement elements by using the same patent protected or generally available elements in the pressure or return side housings.



BestFit™ Replacement Elements | SBF

- ◆ **Premium filter element equivalents for over 42,000 OEM-brand part numbers and counting!** Try our convenient Element Cross Reference Search Tool: schroederindustries.com/cross-reference
- ◆ Affordable filtration solutions sized to fit a wide variety of applications and replace a wide range of competitor elements
- ◆ Cartridge and spin-on styles available in a variety of media grades (cellulose, synthetic, water removal, anti-stat, stainless steel, metal mesh)
- ◆ Available for private label branding



Schroeder Elements

On-Board Diesel Filtration | HDP-BC and HDP-HT



HDP-BC

HDP-HT

- ◆ Low investment costs and small installation space.
- ◆ Consistent dewatering over the entire life of the filter element
- ◆ Robust design thanks to aluminum housing.
- ◆ Economical and technically superior operation as a result of long element service life
- ◆ High Tech design: Reliable dewatering thanks to automatic water discharge, even during suction side operation
- ◆ Water sensor and fuel preheating available as options

Bulk Diesel Filtration | BDF and BDS



BDF

BDS

- ◆ Fuel and water separation media technology in a patent pending three-phase element construction for high efficiency, single-pass removal of free and emulsified water in Ultra-low Sulfur Diesel (ULSD) and blends
- ◆ Can be installed upstream (suction side) or downstream (pressure side) of transfer pumps with plate mounting as a standard option.
- ◆ Helps protect expensive fueling injectors from premature and catastrophic failures caused by water and particulate
- ◆ Separates emulsified and free water from diesel fuel
- ◆ No disposable water-absorbing media, significantly lowering the total cost of water removal

Air Breathers | PAB3, PABR7 and DBE



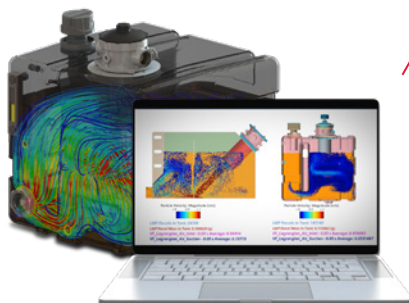
PAB3

PABR7

DBE

- ◆ Reduces operating costs by preventing airborne or water contamination
- ◆ Resin impregnated 3-micron media
- ◆ Integrated anti-splash insert
- ◆ Can be customized with company logo
- ◆ Protection valves prevent media from saturation during system downtime
- ◆ Bypass valves divert out flow from reservoir away from water removal media to preserve media life

Tank Optimization Services



- ◆ Cutting-edge simulations and CFD analyses pave the way for optimal reservoir efficiency. Schroeder Industries' proven methods have helped dozens of customers downsize their reservoirs and improve performance.
- ◆ Benefits of Tank Optimization can include:



Increased
Machine Space



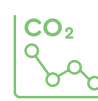
Reduced Oil
Usage



Reduced
Costs



Improved
Energy Efficiency



Increased
Sustainability

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products in the field of agriculture. 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 micron 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

Agriculture



We design solutions for agriculture 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 agriculture customer
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of agriculture customers
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges such as tier 4 engines
- ◆ Nurturing a creative, cooperative culture committed to the individual and 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 people to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.



Find Schroeder Distributors Near You!

Discover over 100 global partners with Schroeder Industries' Distributor Locator:

schroederindustries.com/resources/distributor-locator/



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

Agriculture Solutions:
Learn More

