2021 Corporate Overview

75th Anniversary

Schroeder Industries
Our Quality Promise to You

Continuous Improvement In Our Business
To Ensure A Quality Product, Shipped On
Time, Without Compromise
Products

- Hydraulic & Lube Filtration
- Element Technology
- Filter Systems & Diagnostic Tools
- Fuel Filtration
- Process Filtration
- Hydraulic Accessories
Filtration Solutions for Your Applications

Filtration solutions for an almost limitless range of applications.
Headquartered in Leetsdale, Pennsylvania, Schroeder Industries manufactures our product on-site for quality control & assurance.

Schroeder’s plant in Cumberland, Maryland manufactures our Element Technology.
Schroeder Brothers (founded in 1946)

- Established in 1946 as Schroeder Brothers Corporation
  - Celebrated 70 years in 2016
  - (A Mine Products Distribution Company)
- Incorporated as a division of Alco Industries in 1984
  - (A Mining Systems and Filtration Company)
- Became Schroeder Industries LLC in May 2003
  - (Advanced Fluid Conditioning Solutions®)
- Growth Rate
  - (As of 11/26/19): 212 Employees
Organization of Schroeder Industries

External Sales
- Overseas Subsidiaries
- Nationwide Distributors
- Service Partners

External Sales & Global Service

Corporate Functionality

Company Management

Engineering
- Initial Development/Research
- Technical Process Development
- Quality Assurance
- Component Production
- Customer Services

Administration
- Order Processing National / International
- Accounting
- Purchasing
- Information Technology
- Human Resources + Legal

Marketing Services
Certifications

- NSF Certified (April 2017)
- ISO 9001:2015 Certified
- NIST SP171-800 Compliant
- Patented Technology
- UL Listed
- Registered Trademarks
- Annual Quality Audits
  - Insured for Cleanliness Quality
Patents

- Staff in all major liquid filtration disciplines & control technologies
- Over 40 U.S. Patent Awards since 1956
- Schroeder Industries was the first to introduce a hydraulic circuit tester and we continuously develop new products, such as hydraulic reservoirs, conditioning systems & element design technology
- 13 patents in the last 10 years alone, with 6 pending
- Average 12 new products launched per year with a 29% sales success within 2 months of launch & 93% success rate within 1 year
Custom Engineered Solutions

- On-site expert team of engineers, equipped to create custom filtration solutions to fit your individual needs
- Proactively develops products to support OEM and MRO demands and changes in Fluid Systems technology
- Product Design Review (PDR) Process – Efficient customization process to fill specific customer needs
- All new products are validated in the Engineering Lab per the most stringent applicable industry standards
- Through prototyping and testing, we are able to optimize designs and decrease costs to customers
Service Center – Local & Global

Commissioning
Rebuilds
Preventative Maintenance
Optimization Work
Proactive Hydraulic Service
Customer Service
Training Sessions

Sessions can be arranged in-house or at our customer or partner’s location

Schroeder University classes for our full-line distributors

Hands-on fluid training in our Fluid Care Center (FCC)
**Fluid Care Center (FCC)**

Tests commissioned by customers: scientifically supported and documented

Machines/systems optimized for lubrication applications

- Standard Housing/Element Testing
- Fluid Quality Testing
- Technical Cleanliness
- Rapid Prototyping with 3D Printed Components
- Application Specific Testing
- Hydraulic Load Cycle Test (HLCT)
Product Groups

- Hydraulic & Lube Filtration
- Element Technology
- Filter Systems & Diagnostic Tools
- Fuel Filtration
- Process Filtration
- Hydraulic Accessories
Hydraulic & Lube Filtration

A complete range of filter assembly types up to 6,500 psi (448 bar)

Hydraulic & Lube Filtration

Element Technology
Filter Systems & Diagnostic Tools
Fuel Filtration
Process Filtration
Hydraulic Accessories
Fluid Engineering Services

High Pressure Filters
(1,500 – 6,500 psi)

Medium Pressure Filters
(500 – 1,500 psi)

Stainless Steel
(up to 1,500 psi)

Low Pressure Filters
(up to 500 psi)

Suction Filters

Manifold Cartridge Kits & Filters

Custom Solutions
Element Technology

High-efficiency elements for lubrication and fluid power systems

- Hydraulic & Lube Filtration
- Element Technology
- Filter Systems & Diagnostic Tools
- Fuel Filtration
- Process Filtration
- Hydraulic Accessories
- Fluid Engineering Services

High Performing Excellement® (Z-Media)

Patented Replacement Element Business Protection (GeoSeal® & DirtCatcher®)

Coalescing Technology

CNG Elements

Schroeder BestFit® Cross-Over Solutions.

Private Label Branding
Filter Systems & Diagnostic Tools

Mechanical and electronic fluid conditioning and diagnostic monitoring tools

- De-Watering, De-Gassing & Vacuum Dehydration Units
- Asset Management Filter Carts
- EasyTest & Fluid Analysis
- HTB | Hydraulic Test Benches
- TestMate® & HY-TRAX® Series
- Custom Solutions

Filter Systems & Diagnostic Tools

- Hydraulic & Lube Filtration
- Element Technology
- Fuel Filtration
- Process Filtration
- Hydraulic Accessories
- Fluid Engineering Services
Fuel Filtration

Elements, housings, and systems for challenging fuel cleanliness requirements

- Hydraulic & Lube Filtration
- Element Technology
- Filter Systems & Diagnostic Tools
- Fuel Filtration
- Process Filtration
- Hydraulic Accessories
- Fluid Engineering Services

Fuel Condition Monitoring
Products & Equipment
On-Board, Mobile Diesel Filtration
High Efficiency Diesel Particulate & Coalescing Solutions
CNG Filtration Technology
Biodiesel Treatment & Polishing Products
ASME Filtration Vessels
Turn-Key & Custom Fuel Filtration Systems
Process/Water Filtration

A full range of automated backflush, centrifugal and bag housing products

- Hydraulic & Lube Filtration
- Element Technology
- Filter Systems & Diagnostic Tools
- Fuel Filtration

Process Filtration
- Hydraulic Accessories
- Fluid Engineering Services

Automatic-Backflushing Filters
- Bag Housings & Elements
- RMF | Rolling Media Filter

Mining Specific Products
- Automatic Twist Flow
- Cartridge Housings & Elements
- Oil and Gas Filtration Products
- Custom Solutions
Hydraulic Accessories

A complete range of reservoir accessories, roto-molded reservoir subsystems and individual accessory components with unique value-added options

- Plastic Reservoirs (and Tank Straps)
- ISO Clean Tank Assemblies
- Oil Sight Glass
- Indicators
- Complete Tank Assembly Solutions
- Test Points
- Test Equipment
- Air & Desiccant Breathers
Tank Optimization

- Global competition put strong pressure on OEMs:
  - Decreasing costs and increasing energy efficiency to be competitive as well as high requirements based on emission’s directive
- Because of this, it is tough to install additional engine components in the already quite limited design space
- Our optimizing experts in the field of tank and filtration systems support you during the design engineering revision of your machine through:
  - Simulations, tests and experience
  - Optimized filter systems
  - Reduction of complexity of the tank
  - Optimization of space
  - Spare part management
Private Labeling – Your Brand On Us

- Our Elements, Spin-Ons and Air Breathers all come with the option of Private Label Branding:
  - Your brand identity logo on a high-performing filtration solution from Schroeder Industries
- Our team of engineering and marketing experts are available to work within your Corporate Standards to ensure the highest quality artwork on the highest quality piece of filtration
Schroeder Industries is an industry leader in Advanced Fluid Conditioning Solutions® for a number of markets.
Construction

On-Board Fluid Contamination Monitoring System
Agriculture

Aftermarket Protection
Bulk Fuels

Fleet Maintenance
Mobile Vehicles
Steel Making

Mechanical Backflush Filtration
Industrial

Filler Breather
Nozzle and Pump Seal Protection
Offshore

Desiccant Filter Breather

Desiccant Air Breather
Refuse

Top-Ported Filter

Tank-Mounted Filter
- A leader in Advanced Fluid Conditioning Solutions®.
- More than 70 years of industry experience
- Engineered Solutions for your application