



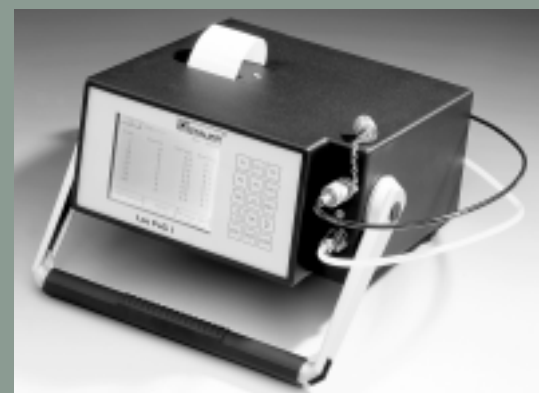
FILTRATION TECHNOLOGY

STAUFF Filtration Technology

Response & Flexibility



Competitive Service



Prompt Delivery



STAUFF Filtration Technology offers a complete range of filtration products and services that will provide the system designer or user with the highest level of contamination control demanded by today's most sophisticated applications. Products include pressure filters, return line filters, elements, spin on filters, suction strainers, and filler breathers for various hydraulic, lubrication and fuel oils.

STAUFF has the technical expertise to provide superior filter element designs for the STAUFF original filter housings and also for the interchange element market. STAUFF manufactures more than 10,000 different elements. Many of these are designed to fit into filter housings produced by other companies while maintaining or surpassing the original performance.

The "STAUFF Contamination Control Program" includes the diagnostic services including fluid sampling and laser particle counting products needed to monitor the system contamination level.

STAUFF, through its global network of wholly owned companies and technically qualified distributors, is ideally placed to assist its customers in the total contamination control process providing a well balanced filtration solution.

Service Capabilities

- 24 hour turn around on all standard stock element orders
- 48 hour turn around on all assembled filter assembly orders
- Rush orders placed by 4:00PM will ship the same day
- Private Label Element Printing
- Spin On Filter silk screening
- Special Packaging

Products

- Wider range of interchange elements:
 - ARGO
 - DONALDSON
 - EPPENSTEINER
 - FAIREY ARLON
 - HYDAC/HYCON
 - HY-PRO
 - INTERNORMEN
 - LHA
 - MAHLE-PUROLATOR
 - MOOG
 - MP FILTRI
 - PALL
 - PARKER
 - SEPARATION TECHNOLOGIES
 - VICKERS
 - ZINGA

- STAUFF Laser Particle Counter
- Oil Analysis Service, STFC-10
- Desiccant Breathers, SDB Series
- Custom Element Manufacturing
- Custom Filtration Systems
- Filter Carts

THIS IS STAUFF

RESPONSE AND FLEXIBILITY • COMPETENT SERVICE • PROMPT DELIVERY • ENSURED QUALITY • FRIENDLY SERVICE • PROVEN IN PRACTICE



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STAUFF



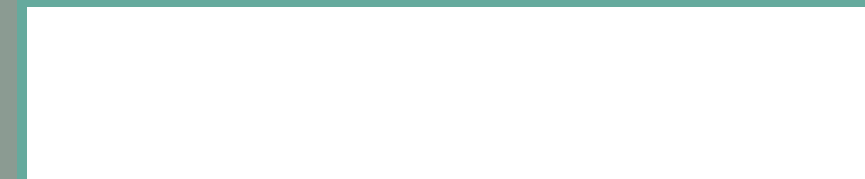
FILTRATION TECHNOLOGY



Complete Program

Local solutions for individual customers worldwide

Globally available through distributors in all industrial countries





Pressure Filters SF

STAUFF high pressure filters are designed for the most demanding applications. They come in a variety of sizes, configurations and with numerous porting options.

- pressures to 420 bar (6000 PSI)
- flows to 1320 l/min (350 US GPM)
- BSP, NPT, SAE "O"-ring or SAE Code 61 & 62 flange ports
- head spheroidal graphite cast iron, bowl cold drawn steel
- wide range of valve options
- various element types and media available
- standard bowls or top-loading bowls available
- visual, electrical and visual-electrical indicators



Return-Line Filters SRFL-S/D

The SRFL series of return-line filters are designed to handle large flows in any industrial hydraulic or lubrication system. Special configurations are also available for process applications.

- simplex and duplex housings available
- pressures up to 14 bar (206 PSI)
- flows up to 7000 l/min (1850 US GPM)
- on request also available for larger flows
- ANSI, SAE and DIN flanged ports
- housing carbon steel, stainless steel available
- visual and electrical indicators



Medium Pressure Filters SMPF

Designed for applications in the machine tool industry. Their aluminum light weight compact design allows easy installation. As with all STAUFF filters a wide range of options are available.

- pressure up to 110 bar (1600 PSI)
- flows up to 90 l/min (25 US GPM)
- BSP, SAE "O"-ring ports
- head and bowl aluminum alloy
- visual and visual-electrical indicators



Offline and Bypass Filters OLS/BPS

STAUFF offline and bypass filters OLS/BPS are designed for the filtration of hydraulic and lubrication systems. Available as a bypass unit BPS or with an integrated motor/pump unit as an offline filter OLS, STAUFF OLS/BPS aggregates remove not only contamination, but also water from your hydraulic system.

- bypass and offline units
- pressure up to 420 bar (6000 PSI)
- flows from 2.1 l/min (0.55 US GPM) up to 18 l/min (4.75 US GPM)
- various housings and lengths
- several motor/pump units (for offline filter aggregates)
- water absorbing filter elements with 0.5 micron filterpaper



Return-line Filters RF - RTF

STAUFF return-line filters are designed as tank top filters. Their practical design allows easy element replacement and quick installation. A wide range of media is available for the RF-RTF element series.

- pressure up to 16 bar (232 PSI)
- flows up to 500 l/min (130 US GPM)
- BSP, NPT, SAE "O"-ring and SAE Code 61 flange ports
- head aluminum alloy, bowl glass fiber reinforced PA
- visual and electrical indicators



STAUFF Mobile Filter System SMFS

STAUFF manufactures a complete range of mobile filtration systems. Compact in design and easy to operate on the one hand, but also made for permanent use with high flow rates on the other hand, STAUFF Mobile Filter Systems are essential tools for the preventive maintenance either to transfer new oil or to purify hydraulic and lubrication oil systems.

- compact and handy in design
- flows up to 110 l/min (30 US GPM)
- variety of mikron ratings available for return-line filter elements
- high-quality gear pump
- CE certified motor unit
- also available with STAUFF Laser Particle Monitor LPM and Visual Clogging Indicator



Spin-on Filters

STAUFF manufactures a wide range of high and low pressure spin-on filters. A variety of filter head, element and indicator options are available. Both North American as well as European spin-on elements are available from stock.

- pressure to 14 bar (200 PSI)
- flows to 460 l/min (120 US GPM)
- BSP, NPT, SAE "O"-ring or SAE Code 61 flange ports
- heads die-cast aluminum
- visual and electrical indicators
- a wide range of media types and seal options
- European and North American elements in stock



STAUFF Replacement Elements

The STAUFF replacement element program includes replacement elements for over 10,000 part numbers covering more than 50 different brands of filter elements. The majority of these are available from stock.

- state-of-the-art laboratories and production facilities for element manufacturing
- stringent quality and production control
- high quality media (4-pro)
- all major brands available in STAUFF replacements
- large stock availability



Fluid Monitoring Systems

STAUFF manufactures a comprehensive line of fluid monitoring systems from pressure analysis to particle counting. From simple analog diagnostic systems to complex sophisticated digital diagnostic systems, STAUFF is your first choice.

- pressure gauge kits (analog)
- diagnostic test points and hoses (STAUFF-Test)
- digital pressure gauges (SPG-DIGI)
- STAUFF Pressure Transmitters (SPT)
- Digital monitoring units (PPC series) for flow, pressure, RPM and temperature – from simple (PPC04) to sophisticated (PPC12)
- laser particle counting units for laboratory and field use (LasPaCI) and in-line particle monitors for high-tech in-line and on-line particle monitoring (LPM1)
- STAUFF-Check web based reporting for complete laboratory analysis of hydraulic and lubrication fluids. Unique trend-monitoring service available



STAUFF Hydraulic Accessories

STAUFF manufactures one of the largest lines of hydraulic accessories in the world. We are the number one choice for any manufacturer in need of hydraulic accessories. Our line includes:

- STAUFF Clamps – hydraulic tube and hose supports for secure installation of tubing for diameters from 3mm (1/8") up to 1000mm (40")
- STAUFF Test – diagnostic test points and hoses for a wide range of applications in fluids and gases.
- STAUFF Diagtronics – diagnostic test equipment for pressure, flow, temperature, RPM's and particle counting
- STAUFF Hydraulic Accessories – a complete range of filler breathers, suction strainers, level gauges, flanges, and reservoir accessories



STAUFF Tools

STAUFF has a wide range of training tools and software to support the proper application of filtration systems and products.

Software includes filter sizing programs as well as training presentations. Contact your local STAUFF representative for more information.