



STAUFF  
Filtration systems  
SCFC-05/10



HYDRAULIC  
COMPONENTS  
& FLUID CONTAMINATION  
CONTROL



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## Product Description

The Stauff portable filter carts, (SCFC & SPFC models), are very complete and efficient units capable of off line filtration, filling or emptying reservoirs or any application requiring the transfer or filtration of hydraulic fluid. Multi stage filtration can be achieved to extend element life. Both units are available with a variety of different spin on elements for quick and easy change to match the application requirements.

The SCFC is a very lightweight and compact cart perfect for most maintenance departments. The cart is assembled with either a single or double head allowing for flexibility.

The SPFC comes standard with a suction element, (125 µm), and two double heads which maximizes the carts filtration capabilities. It is also available as a Condition and Monitoring cart which incorporates Stauff's LPM-II Particle monitor for accurate monitoring of the fluids cleanliness condition.



**Type SCFC-05 / 10**

- Flow capability of 19 l/min / 5 GPM or 38 l/min / 10 GPM
- Single or three phase electric motor-1HP
- Thermal overload relays
- Welded frame cart
- Filter head with by-pass valve
- Visual clogging indicator
- On/Off buttons
- Weight: 52 kg / 115 lbs



**Type SPFC-10**

- Flow capability of 38 l/min / 10 GPM
- On/Off buttons with 10 foot power cord
- Single or three phase motor-1HP
- Heavy duty welded frame with drip pan and tool tray
- 3-way ball valve to by pass filters
- 3/6/12/25 µm and water absorption filter elements available
- Available as a drum cart
- Optional Condition and monitoring configuration
- Weight: 86 kg / 190 lbs

## Product Description

STAUFF Mobile Filtration Systems type SPFC is designed to cover a wide application range in the area of offline-filtration. This is an essential tool for preventive maintenance, either when transferring new oils or purifying existing hydraulic and lubrication oil systems.

The Stauff Portable Filter Cart type SPFC is a very complete and practical unit utilising dual stage filtration 1. pre-filtration through magnetic core 2. final filtration through a 10 micron micro-glass element.

This system is designed for the transfer, draining or filling of reservoirs, or filtration of mineral oil based fluids for hydraulic systems & gear boxes limited to a viscosity range of 10-150 mm<sup>2</sup>/sec (cSt).

The application of the SPFC offers excellent mobility for maintenance, resulting in clean oil changes, increasing the lifetime of components and a higher availability of machinery.

- Suction/Delivery Hoses: 3/4" ID x 3 m / 9.84 ft (Suction hose fitted with drum lance H: 900mm / 35.43 in)
- Heavy duty frame with solid rubber wheels
- Operation & maintenance manual
- Lockable storage box
- Drip tray
- Hose storage hooks
- Oil resistant rubber handle grips



**Type SPFC**

- Flow: 23 l/min / 6 US GPM - Nominal
- Voltage: 240 V / 50 Hz
- Start/Stop station with 3 m / 9.84 ft cable
- Electric motor: 1450 RPM 0.55 KW
- Pump: Gear type 23 LPM @ 1450 RPM
- Filter: Magnetic Core (integral pre-filter)
- Element: 10 µm
- Bypass valve opens @ 1.5 bar / 18.12 PSI
- Seals/O-rings: Buna-N® Rubber
- Clogging Indicator: Clean ΔP= 1.25 bar / 18.12 PSI
- Weight: 53 kg / 117 lbs
- Dimensions (H x W x D): 1300 x 620 x 500 mm / 51.18 x 24.40 x 19.68 in



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