

SMFS-P-015



SMFS-U-030



SMFS-U-DL-015-G



SMFS-U-060



SMFS-U-110



SMFS-U-CM-110



**Mobile Filtration Systems**  
SMFS-P and SMFS-U





STAUFF Filtration Technology offers a complete range of filtration products and services. This will provide the system designer or user with the highest level of contamination control demanded by today's most sophisticated applications.

STAUFF Filtration Technology Products include Pressure Filters, Return Line Filters, Replacement Filter 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 10000 different elements. Many of these are designed to fit into filter housings produced by other companies while maintaining or surpassing the original performance.

A well-stocked warehouse guarantees the possibility of short-term arrangements without their own storage. Therefore, we can react flexible for your specific needs.

The "STAUFF Contamination Control Program" comprised the diagnostic services including fluid sampling and laser particle counting products for monitoring the system contamination level. In addition STAUFF offers a range of software solutions for element interchange and filter calculation. All products are subject to the audits in reference to international standards. This ensures a consistently high standard of quality.

Please do not hesitate to contact STAUFF for further details.

[www.stauff.com](http://www.stauff.com)  
[www.filterinterchange.com](http://www.filterinterchange.com)

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<b>Type</b>	<b>SMFS-P-015</b>	<b>SMFS-U-030</b>	<b>SMFS-U-DL-015-G</b>
<b>Flow</b>	15 l/min / 4 US GPM (depends on the viscosity of fluid)	30 l/min / 7.5 US GPM (depends on the viscosity of fluid)	15 l/min / 4 US GPM (depends on the viscosity of fluid)
<b>Pump</b>	Gear pump	Gear pump	Gear pump
<b>Motors</b>	0,75 kW; 1400 U/min	0,75 kW; 1400 U/min	0,75 kW; 1400 U/min
<b>Electrical Connection</b>	230 V AC @ 50 Hz - 1 phase Safety Plug  400 V AC @ 50 Hz - 3 phases Plug CEE 16A 3P+N+PE  IP 55 protection rating	230 V AC @ 50 Hz - 1 phase Safety Plug  400 V AC @ 50 Hz - 3 phases Plug CEE 16A 3P+N+PE  IP 55 protection rating	230 V AC @ 50 Hz - 1 phase Safety Plug  -  IP 55 protection rating
<b>Filter Element</b>	SFC-35/36	SFC-57/58	SFC-57/58
<b>Micron Rating</b>	3-125 µm	3-125 µm	3-125 µm
<b>Media Compatibility</b>	mineral oils	mineral oils	mineral oils
<b>Clogging Indicator</b>	STAUFF Visual Pressure Clogging SPG-040	STAUFF Visual Pressure Clogging SPG-040	STAUFF Visual Pressure Clogging SPG-040
<b>Hoses Length</b> Suction Side Pressure Side	1,5 m / 4.92 ft 2 m / 6.56 ft	3 m / 9.84 ft 3 m / 9.84 ft	1,5 m / 4.92 ft 6 m / 19.68 ft
<b>Particle Counter</b>	-	-	-



			
<b>Type</b>	<b>SMFS-U-060</b>	<b>SMFS-U-110</b>	<b>SMFS-U-CM-110</b>
<b>Flow</b>	60 l/min / 15 US GPM (depends on the viscosity of fluid)	110 l/min / 30 US GPM (depends on the viscosity of fluid)	110 l/min / 30 US GPM (depends on the viscosity of fluid)
<b>Pump</b>	Gear pump with pressure limitation valve	Gear pump with pressure limitation valve	Gear pump with pressure limitation valve
<b>Motors</b>	2,2 kW; 1440 U/min	4 kW; 1445 U/min	4 kW; 1445 U/min
<b>Electrical Connection</b>	-  400 V AC @ 50 Hz - 3 phases Plug CEE 16A 3P+N+PE  IP 55 protection rating	-  400 V AC @ 50 Hz - 3 phases Plug CEE 16A 3P+N+PE  IP 55 protection rating	-  400 V AC @ 50 Hz - 3 phases Plug CEE 16A 3P+N+PE  IP 55 protection rating
<b>Filter Element</b>	NR-630	NR-630	NR-630
<b>Micron Rating</b>	3-25 µm	3-25 µm	3-25 µm
<b>Media Compatibility</b>	mineral oils	mineral oils	mineral oils
<b>Clogging Indicator</b>	STAUFF Visual Pressure Clogging HI-A	STAUFF Visual Pressure Clogging HI-A	STAUFF Visual Pressure Clogging HI-E
<b>Hoses Length</b> Suction Side Pressure Side	3 m / 9.84 ft 3 m / 9.84 ft	3 m / 9.84 ft 3 m / 9.84 ft	3 m / 9.84 ft 3 m / 9.84 ft
<b>Particle Counter</b>	-	-	STAUFF Particle Monitor LPM-II



## Mobile Filtration System ■ Type SMFS-P-015



### Product Description

The SMFS-P-015 supplement the range of STAUFF products, which is a portable hand-held Mobile Filtration System. Due to it's compact and robust design, it can be used very flexible and consistently provides best filtration performance at the same time.

### Technical Data

#### Dimensions and Weight

- W x D x H: 258 x 454 x 551 mm / 10.16 x 17.87 x 21.69 in
- Weight: 33 kg / 51 lbs

#### Media Compatibility

- Suitable for mineral oils, other fluids on request

#### Flow

- 15 l/min / 4 US GPM (depends on the viscosity of fluid)

#### Temperature

- Media temp.: -15 °C ... +65 °C / +5 °F ... +149 °F
- Ambient temp.: -40 °C ... +70 °C / +32 °F ... +158 °F

#### Viscosity

- Admissible: 10 ... 400 mm<sup>2</sup>/sec / 10 ... 400 cSt
- Recommended: 25 mm<sup>2</sup>/sec / 25 cSt

#### Pressure

- Operating Pressure: 2 bar / 29 PSI
- Pressure for shut-off of the electric motor: 7 bar / 101,5 PSI
- Test pressure: 12 bar / 174 PSI

#### Framework

- Material: painted Steel (RAL 6026)

#### Hoses

- Material: PVC, reinforced with internal wire wrapping
- Length: 1,5 m / 4.92 ft on the suction side and 2 m / 6.56 ft on the pressure side
- Dimensions
  - on suction side: DN 25
  - on pressure side: DN 25
- On suction side with integrated coarse filter (Stainless Steel sieve 200 µm)

#### Lance

- Length 150 mm / 5.91 in

#### Pump

- Gear pump

#### Motors

- 230 V: CE-certified motor unit (230 V AC @ 50 Hz - 1 phase) with safety plug (0,75 kW; 1400 U/min)
- 400 V: CE-certified motor unit (400 V AC @ 50 Hz - 3 phases) with plug CEE 16A 3P+N+PE (0,75 kW; 1400 U/min)
- IP 55 protection rating: Dust protected and protected against water jets

#### Clogging Indicator

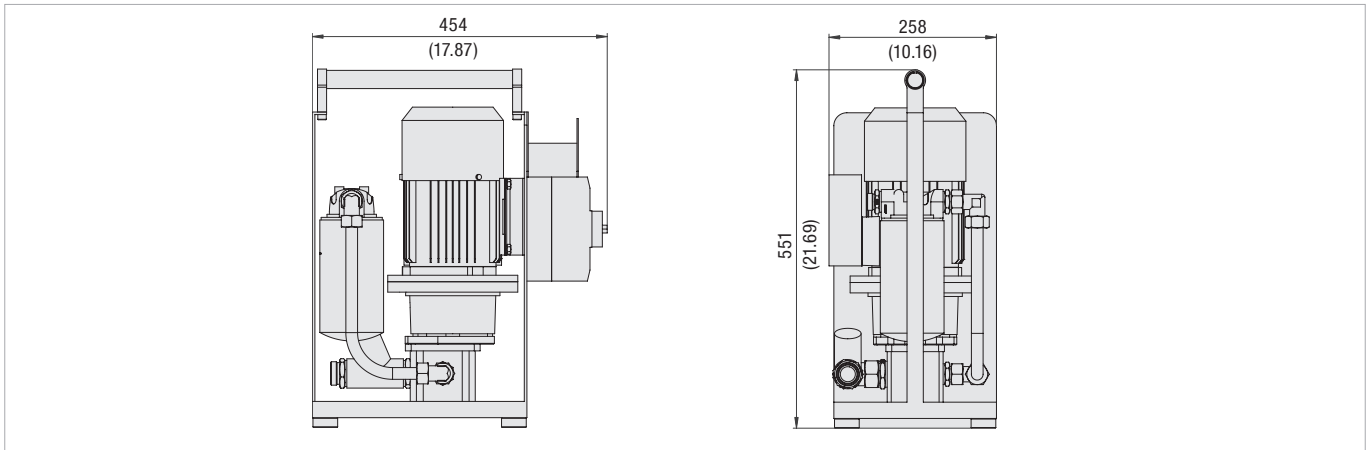
- Visual Pressure Clogging Indicator Type SPG-040

### Options and Accessories

#### Replacement Filter Elements

- Filter Elements of the Spin-On series SFC-35/36
- Micron rating available from 3 ... 125 µm
- Also available with a blank filter element (SFC-3500) for the reason of used oil to be removed from the hydraulic reservoir



**Mobile Filtration System ■ Type SMFS-P-015**
**Dimensions**

**Order Codes**

SMFS - P - 015 - G - ... - B - G / X

1    2    3    4    5    6    7    8

**① Series**

Mobile Filtration System **SMFS**

**② Type**

Portable unit **P**

**③ Flow**

15 l/min / 4 US GPM **015**

**④ Pump**

Gear pump **G**

**⑤ Filter Elements SFC...**

Filter element is not included ...  
Please order separately - see below!

**⑥ Sealing Material**

NBR (Buna-N®) **B**  
Other sealing materials on request.

**⑦ Motor Configuration**

230 V / 50 HZ / 1 phase (standard) **G**  
400 V / 50 HZ / 3 phases **D**

**⑧ Design Code**

Only for information **X**

**Filter Elements ■ Type SFC-35/36**
**Product Description**

STAUFF Replacement Filter Elements SFC-35/36 for use with STAUFF Mobile Filtration System SMFS-P-015. For further information and technical data on Replacement Filter Elements please see our product catalogue 9, – STAUFF Filtration Technology.

**Order Codes**

SFC - 3510-AE

1    2

**① Series**

Filter Element Series **SFC**

**② Filter Elements**

Filter Elements	Length (mm/in)	Code
Blank filter element		<b>3500</b>
Inorganic Glass Fibre 3 µm 145 / 5.7		<b>3503-AE</b>
Inorganic Glass Fibre 3 µm 190 / 7.5		<b>3603-AE</b>
Inorganic Glass Fibre 10 µm 145 / 5.7		<b>3510-AE</b>
Inorganic Glass Fibre 10 µm 190 / 7.5		<b>3610-AE</b>
Wire Mesh 60 µm 145 / 5.7		<b>3560-E</b>
Wire Mesh 60 µm 190 / 7.5		<b>3660-E</b>
Brass Mesh 125 µm 145 / 5.7		<b>35125-E</b>
Brass Mesh 125 µm 190 / 7.5		<b>36125-E</b>



Dimensional drawings: All dimensions in mm/in.



## Mobile Filtration System ■ Type SMFS-U-030



### Product Description

The SMFS-U-030 is a Mobile Filtration System mounted on a robust steel frame push cart, which means the perfect compromise between flexibility on the one hand and highest nominal flow rates on the other hand.

### Technical Data

#### Dimensions and Weight

- W x D x H: 570 x 650 x 1230 mm / 22.44 x 25.59 x 48.43 in
- Weight: 58,5 kg / 129 lbs

#### Media Compatibility

- Suitable for mineral oils, other fluids on request

#### Flow

- 30 l/min / 7.5 US GPM (depends on the viscosity of fluid)

#### Temperature

- Media temp.: -15 °C ... +65 °C / +5 °F ... +149 °F
- Ambient temp.: -40 °C ... +70 °C / +32 °F ... +158 °F

#### Viscosity

- Admissible: 10 ... 400 mm<sup>2</sup>/sec / 10 ... 400 cSt
- Recommended: 25 mm<sup>2</sup>/sec / 25 cSt

#### Pressure

- Operating pressure: 2 bar / 29 PSI
- Pressure for shut-off of the electric motor: 7 bar / 101,5 PSI
- Test pressure: 12 bar / 174 PSI

#### Framework

- Material: painted Steel (RAL 6026)
- Removable oil sump

#### Hoses

- Material: PVC, reinforced with internal wire wrapping
- Length: 2 x 3 m / 9.84 ft on the suction and pressure side
- Dimensions
  - on suction side: DN 25
  - on pressure side: DN 25
- On suction side with integrated coarse filter (Stainless Steel sieve 200 µm)

#### Lance

- Length 450 mm / 17.72 in

#### Pump

- Gear pump

#### Motors

- 230 V: CE-certified motor unit (230 V AC @ 50 Hz - 1 phase) with safety plug (0,75 kW; 1400 U/min)
- 400 V: CE-certified motor unit (400 V AC @ 50 Hz - 3 phases) with plug CEE 16A 3P+N+PE (0,75 kW; 1400 U/min)
- IP 55 protection rating: Dust protected and protected against water jets

#### Clogging Indicator

- Visual Pressure Clogging Indicator Type SPG-040

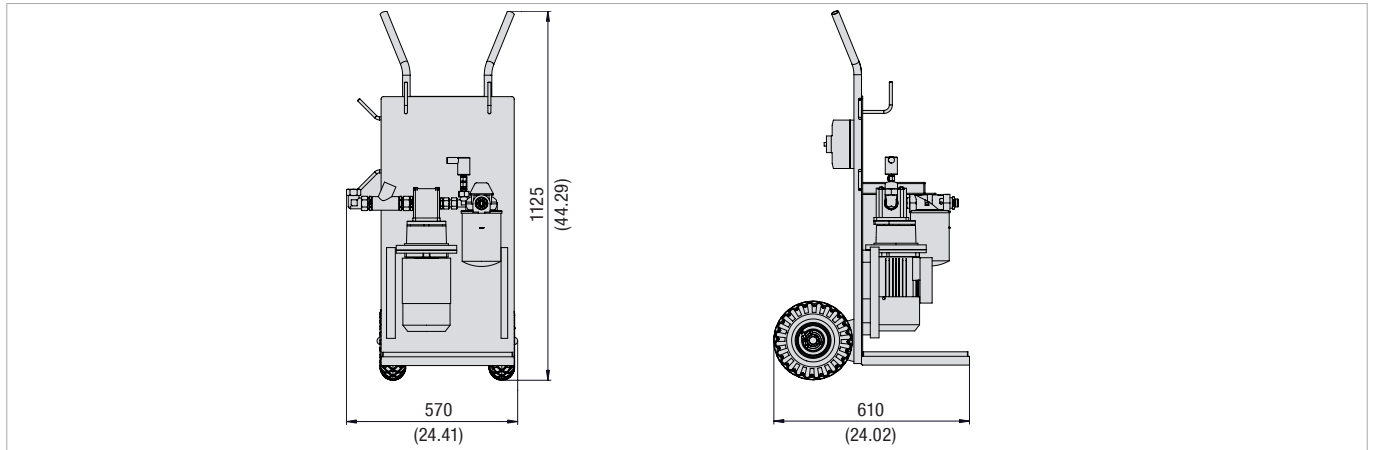
### Options and Accessories

#### Replacement Filter Elements

- Filter Elements of the Spin-On series SFC-57/58
- Micron rating available from 3 ... 125 µm
- Also available with a blank filter element (SFC-5700) for the reason of used oil to be removed from the hydraulic reservoir





**Mobile Filtration System - Type SMFS-U-030/2**
**Dimensions**

**Order Codes**

**SMFS - U - 030 - G - ... - B - G / X**

①      ②      ③      ④      ⑤      ⑥      ⑦      ⑧

**① Series**

Mobile Filtration System **SMFS**

**② Type**

Mobile unit **U**

**③ Flow**

30 l/min / 7.5 US GPM **030**

**④ Pump**

Gear pump **G**

**⑤ Filter Elements SFC...**

Filter element is not included ...  
Please order separately - see below!

**⑥ Sealing Material**

NBR (Buna-N®) **B**  
Other sealing materials on request.

**⑦ Motor Configuration**

230 V / 50 HZ / 1 phase (standard) **G**  
400 V / 50 HZ / 3 phases **D**

**⑧ Design Code**

Only for information **X**

**Filter Elements - Type SFC-57/58**
**Product Description**

STAUFF Replacement Filter Elements SFC-57/58 for use with STAUFF Mobile Filtration System SMFS-U-030. For further information and technical data on Replacement Filter Elements please see our product catalogue 9, – STAUFF Filtration Technology.

**Order Codes**

**SFC - 5710-AE**

①      ②

**① Series**

Filter Element Series **SFC**

**② Filter Elements**

Filter Elements	Length (mm/in)	Code
Blank filter element		<b>5700</b>
Inorganic Glass Fibre 3 µm	180 / 7.1	<b>5703-AE</b>
Inorganic Glass Fibre 3 µm	226 / 8.9	<b>5803-AE</b>
Inorganic Glass Fibre 10 µm	180 / 7.1	<b>5710-AE</b>
Inorganic Glass Fibre 10 µm	226 / 8.9	<b>5810-AE</b>
Wire Mesh 60 µm	180 / 7.1	<b>5760-E</b>
Wire Mesh 60 µm	226 / 8.9	<b>5860-E</b>
Brass Mesh 125 µm	180 / 7.1	<b>57125-E</b>
Brass Mesh 125 µm	226 / 8.9	<b>58125-E</b>



Dimensional drawings: All dimensions in mm/in.



## Mobile Filtration System ■ Type SMFS-U-DL-015-G



### Product Description

The SMFS-U-DL-015-G is the first unit that has the filtration components including a high-quality motor/pump unit used along with a sturdy transport cart for 200l / 52 US GAL oil drums with a weight up to 250 kg / 551 lbs.

### Technical Data

#### Dimensions and Weight

- W x D x H: 1000 x 1100 x 1200 mm / 39.37 x 43.30 x 47.24 in
- Weight: 85 kg / 187 lbs

#### Media Compatibility

- Suitable for mineral oils, other fluids on request

#### Flow

- 15 l/min / 4 US GPM (depends on the viscosity of fluid)

#### Temperature

- Media temp.: -15 °C ... +65 °C / +5 °F ... +149 °F
- Ambient temp.: -40 °C ... +70 °C / +32 °F ... +158 °F

#### Viscosity

- Admissible: 10 ... 400 mm<sup>2</sup>/sec / 10 ... 400 cSt
- Recommended: 25 mm<sup>2</sup>/sec / 25 cSt

#### Pressure

- Operating pressure: 4,5 bar / 65 PSI (Oil Pump Nozzle open)
- Pressure for shut-off of the Pump: 8 bar / 116 PSI (Oil Pump Nozzle closed)
- Test pressure: 12 bar / 174 PSI

#### Framework

- Material: painted Steel (RAL 6026)

#### Hoses

- Material
  - Suction Side: PVC, reinforced with internal wire wrapping
  - Pressure Side: Synthetic rubber with Textile braid
- Length: 1,5 m / 4.92 ft on the suction side and 6 m / 19.68 ft on the pressure side
- Dimensions
  - on suction side: DN 25
  - on pressure side: DN 25
- On suction side with integrated coarse filter (Stainless Steel sieve 200 µm)

#### Lance

- Length 300 mm / 11.81 in

#### Pump

- Gear pump

#### Motors

- 230 V: CE-certified motor unit (230 V AC @ 50 Hz - 1 phase) with safety plug (0,75 kW; 1400 U/min)
- IP 55 protection rating: Dust protected and protected against water jets

#### Clogging Indicator

- Visual Pressure Clogging Indicator Type SPG-040

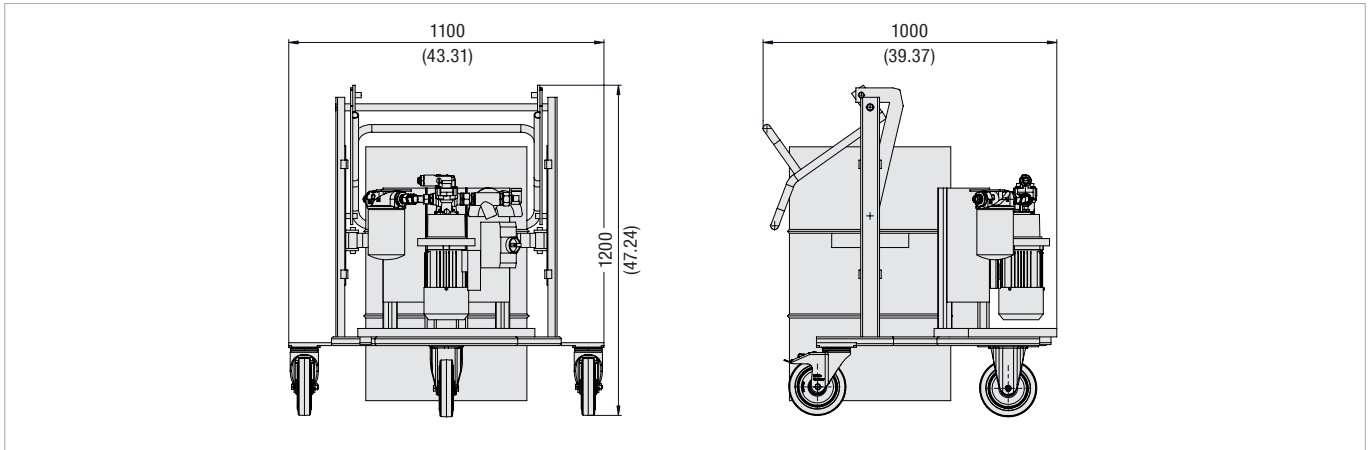
### Options and Accessories

#### Replacement Filter Elements

- Filter Elements of the Spin-On series SFC-57/58
- Micron rating available from 3 ... 125 µm
- Also available with a blank filter element (SFC-5700) for the reason of used oil to be removed from the hydraulic reservoir

Ölfass nicht im Lieferumfang enthalten.



**Mobile Filtration System ■ Type SMFS-U-DL-015-G**
**Dimensions**

**Order Codes**

SMFS - U - DL - 015 - G - ... - B - G / X

1   
 2   
 3   
 4   
 5   
 6   
 7   
 8   
 9

**① Series**

Mobile Filtration System **SMFS**

**② Type**

Mobile unit **U**

**③ Drum Lift**

with Drum Lift **DL**

**④ Flow**

15 l/min / 4 US GPM **015**

**⑤ Pump**

Gear pump **G**

**⑥ Filter Elements SFC...**

Filter element is not included  
Please order separately - see below! **...**

**⑦ Sealing Material**

NBR (Buna-N®) **B**  
Other sealing materials on request.

**⑧ Motor Configuration**

230 V / 50 HZ / 1 phase **G**

**⑨ Design Code**

Only for information **X**

**Filter Elements ■ Type SFC-57/58**
**Product Description**

STAUFF Replacement Filter Elements SFC-57/58 for use with STAUFF Mobile Filtration System SMFS-U-DL-015-G. For further information and technical data on Replacement Filter Elements please see our product catalogue 9, – STAUFF Filtration Technology.

**Order Codes**

SFC - 5710-AE

1   
 2

**① Series**

Filter Element Series **SFC**

**② Filter Elements**

Filter Elements	Length (mm/in)	Code
Blank filter element		<b>5700</b>
Inorganic Glass Fibre 3 µm	180 / 7.1	<b>5703-AE</b>
Inorganic Glass Fibre 3 µm	226 / 8.9	<b>5803-AE</b>
Inorganic Glass Fibre 10 µm	180 / 7.1	<b>5710-AE</b>
Inorganic Glass Fibre 10 µm	226 / 8.9	<b>5810-AE</b>
Wire Mesh 60 µm	180 / 7.1	<b>5760-E</b>
Wire Mesh 60 µm	226 / 8.9	<b>5860-E</b>
Brass Mesh 125 µm	180 / 7.1	<b>57125-E</b>
Brass Mesh 125 µm	226 / 8.9	<b>58125-E</b>



Dimensional drawings: All dimensions in mm/in.



Mobile Filtration Systems ▪ Types SMFS-U-060 / -110



SMFS-U-060



SMFS-U-110

Product Description

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, Mobile Filtration Systems are essential tools for the preventive maintenance either to transfer new oil or to purify hydraulic and lubrication oil systems.

Technical Data

Dimensions and Weight

- W x D x H: 947 x 620 x 984 mm / 37.28 x 24.41 x 38.74 in
- Weight:
  - SMFS-U-060: 165 kg / 364 lbs
  - SMFS-U-110: 177,2 kg / 391 lbs

Media Compatibility

- Suitable for mineral oils, other fluids on request

Flow

- SMFS-U-060: 60 l/min / 15 GPM (depends on the viscosity of fluid)
- SMFS-U-110: 110 l/min / 30 GPM (depends on the viscosity of fluid)

Temperature

- Media temp.: -15 °C ... +65 °C / +5 °F ... +149 °F
- Ambient temp.: -40 °C ... +70 °C / +32 °F ... +158 °F

Viscosity

- Admissible: 12 ... 800 mm<sup>2</sup>/sec / 12...800 cSt
- Recommended (at continuous exposure): 20 ... 100 mm<sup>2</sup>/sec / 20...100 cSt

Pressure

- Operating pressure: max. 4 bar / max. 58 PSI
- Suction pressure: max. -0,4 bar / max. -6 PSI
- Pressure for shut-off of the electric motor: over pressure of 7 bar / 101 PSI
- Burst pressure
  - on suction side: 11 bar / 160 PSI
  - on pressure side: 15 bar / 218 PSI
- Test pressure: 24 bar / 348 PSI

Framework

- Material: phosphated and epoxy-coated Steel

Hoses

- Material: PVC, reinforced with internal wire wrapping
- Length: 3m / 9.84ft on the suction and pressure side
- Dimensions
  - on suction side: DN 38
  - on pressure side: DN 28

Pump

- Gear pump with pressure limitation valve

Motor

- CE-certified motor unit (400 VAC @ 50 Hz - 3 phases)
- IP 55 protection rating
- Plug CEE 16A 3P+N+PE
- SMFS-U-060: 2,2kW
- SMFS-U-110: 4kW

Options and Accessories

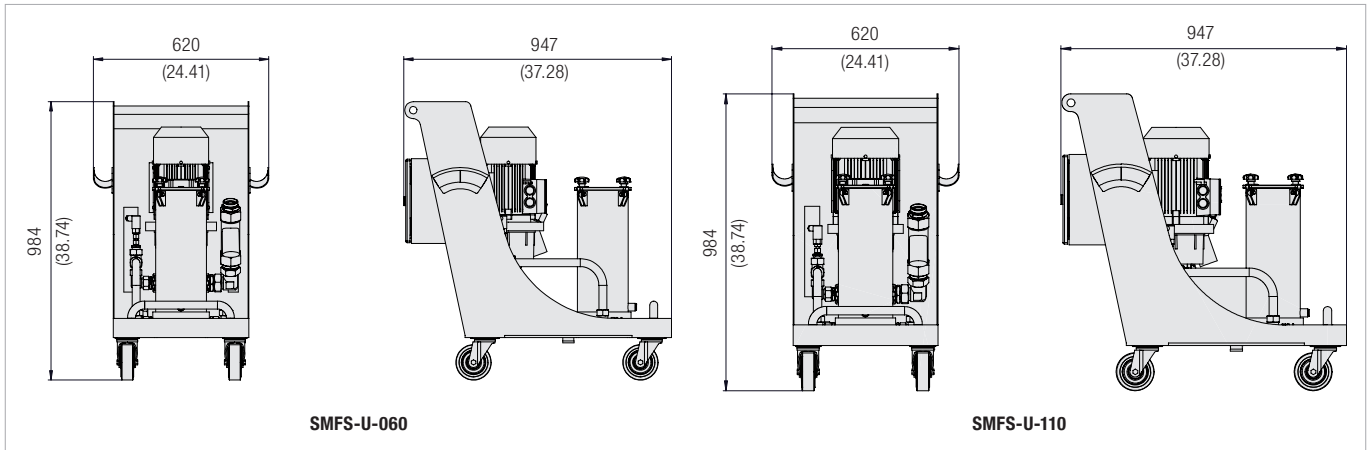
Replacement Filter Elements

- Filter Elements series NR-630
- Micron rating available from 3 ... 25 µm

Clogging Indicator

- Clogging Indicator Type HI-A (Visual, automatic reset)



**Mobile Filtration Systems ■ Types SMFS-U-060 / -110**
**Dimensions**

**Order Codes**

SMFS - U - 060 - G - ... - B - D / X

1    2    3    4    5    6    7    8

**① Series**

Mobile Filtration System **SMFS**

**② Type**

Mobile unit **U**

**③ Flow**

60 l/min / 15 US GPM **060**  
110 l/min / 30 US GPM **110**

**④ Pump**

Gear pump **G**

**⑤ Filter Elements NR-630...**

Filter element is not included ...  
Please order separately - see below!

**⑥ Sealing Material**

NBR (Buna-N®) **B**  
Other sealing materials on request.

**⑦ Motor Configuration**

400 V / 50 HZ / 3 phases **D**  
Other configurations on request.

**⑧ Design Code**

Only for information **X**

**Filter Elements ■ Type NR-630**
**Product Description**

STAUFF Replacement Filter Elements NR-630 for use with STAUFF Mobile Filtration Systems SMFS-U-030 and SMFS-U-110. All STAUFF Inorganic Glass Fibre Filter Elements are designed to achieve  $\beta$ -value  $\geq 200$  at their rated micron rating. For further information and technical data on Replacement Filter Elements please see our product catalogue 9, – STAUFF Filtration Technology.

**Order Codes**

NR-630 - E-10 - B

1    2    3

**① Series**

Filter Element Series **NR-630**

**② Filter Elements**

Filter Elements	Code
Inorganic Glass Fibre 3 $\mu$ m	E-03
Inorganic Glass Fibre 6 $\mu$ m	E-06
Inorganic Glass Fibre 10 $\mu$ m	E-10
Inorganic Glass Fibre 16 $\mu$ m	E-16
Inorganic Glass Fibre 25 $\mu$ m	E-25

**③ Sealing Material**

NBR (Buna-N®) **B**  
Other sealing materials on request.



Dimensional drawings: All dimensions in mm/in.



## Mobile Filtration System ■ Type SMFS-U-CM-110



### Product Description

In addition to the mobile filter system SMFS-U-110 the SMFS-U-CM-110 provides a particle counter LPM-II and a control panel to setup the operating mode and display the test results.

### Technical Data

#### Dimensions and Weight

- W x D x H: 947 x 620 x 984 mm / 37.28 x 24.41 x 38.74 in
- Weight: 220 kg / 485 lbs

#### Media Compatibility

- Suitable for mineral oils, other fluids on request

#### Flow

- 110 l/min / 30 GPM (depends on the viscosity of fluid)

#### Temperature

- Media temp.: -15 °C ... +65 °C / +5 °F ... +149 °F
- Ambient temp.: -40 °C ... +70 °C / +32 °F ... +158 °F

#### Viscosity

- Admissible: 12 ... 800 mm<sup>2</sup>/sec / 12...800 cSt
- Recommended (at continuous exposure): 20 ... 100 mm<sup>2</sup>/sec / 20...100 cSt

#### Pressure

- Operating pressure: max. 4 bar / max. 58 PSI
- Suction pressure: max. -0,4 bar / max. -6 PSI
- Switch off pressure motor protection switch: over pressure of 7 bar / 101 PSI
- Burst pressure
  - on suction side: 11 bar / 160 PSI
  - on pressure side: 15 bar / 218 PSI
- Test pressure: 24 bar / 348 PSI

#### Framework

- Material: phosphated and epoxy-coated Steel

#### Hoses

- Material: PVC, reinforced with internal wire wrapping
- Length: 3m / 9.84ft on the suction and pressure side
- Dimensions
  - on suction side: DN 38
  - on pressure side: DN 28

#### Pump

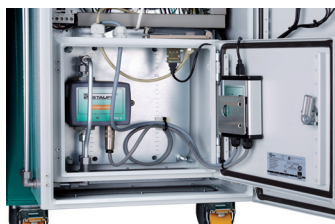
- Gear pump with pressure limitation valve

#### Motor

- CE-certified motor unit (400 VAC @ 50 Hz - 3 phases)
- IP 55 protection rating
- Plug CEE 16A 3P+N+PE

#### Outstanding Features

- 8-channel particle counter incl. moisture / temperature sensor (in a separated control enclosure)
- Software LasPaC II View supports an easy download for data processing of the recorded measurements



- Control panel to setup the operating mode and display the test results/measurements



- Electric Clogging Indicator / Signal „Change Element“ is displayed on the control panel



### Options and Accessories

#### Replacement Filter Elements

- Filter Elements series NR-630
- Micron rating available from 3 ... 25 µm

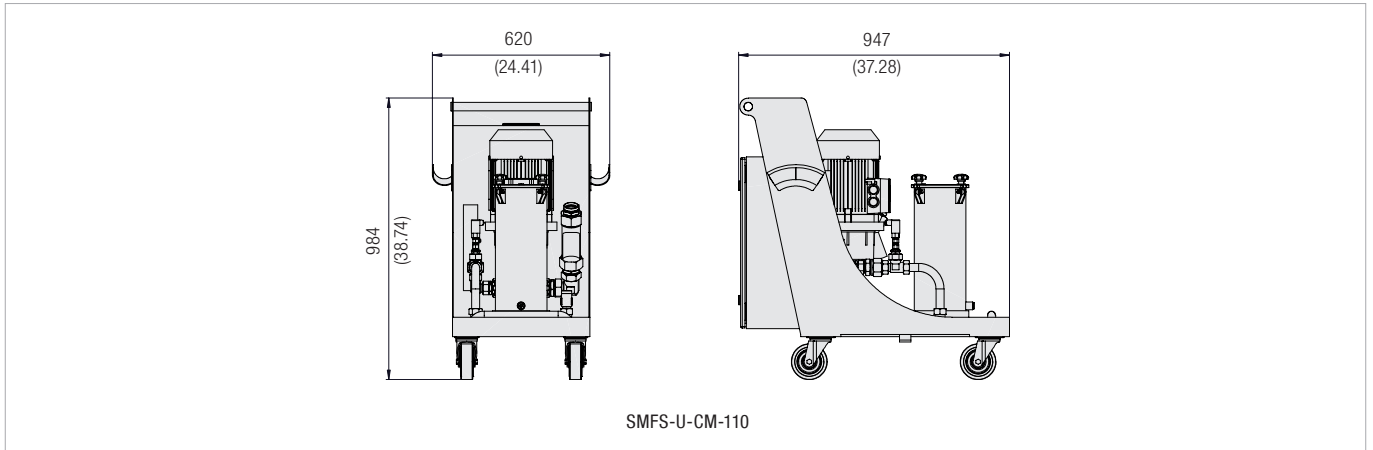
#### Clogging Indicator

- Clogging Indicator Type HI-E

#### Particle Counter

- STAUFF Particle Monitor LPM-II



**Mobile Filtration System ■ Type SMFS-U-CM-110**
**Dimensions**

**Order Codes**

<b>SMFS</b>	-	<b>U</b>	-	<b>CM</b>	-	<b>110</b>	-	<b>G</b>	-	<b>...</b>	-	<b>B</b>	-	<b>D</b>
①		②		③		④		⑤		⑥		⑦		⑧

<b>① Series</b> Mobile Filtration System <b>SMFS</b>	<b>⑤ Pump</b> Gear pump <b>G</b>	<b>⑧ Motor Configuration</b> 400 V / 50 Hz / 3 phases <b>D</b> Other configurations on request.
<b>② Type</b> Mobile unit <b>U</b>	<b>⑥ Filter Elements NR-630...</b> Filter element is not included Please order separately - see below! <b>...</b>	
<b>③ Condition Monitoring</b> with Condition Monitoring <b>CM</b>	<b>⑦ Sealing Material</b> NBR (Buna-N®) <b>B</b> Other sealing materials on request.	
<b>④ Flow</b> 110 l/min / 30 US GPM <b>110</b>		

**Filter Elements ■ Type NR-630**
**Product Description**

STAUFF Replacement Filter Elements NR-630 for use with STAUFF Mobile Filtration System SMFS-U-CM-110. All STAUFF Inorganic Glass Fibre Filter Elements are designed to achieve  $\beta$ -value  $\geq 200$  at their rated micron rating. For further information and technical data on Replacement Filter Elements please see our product catalogue 9, – STAUFF Filtration Technology.

**Order Codes**

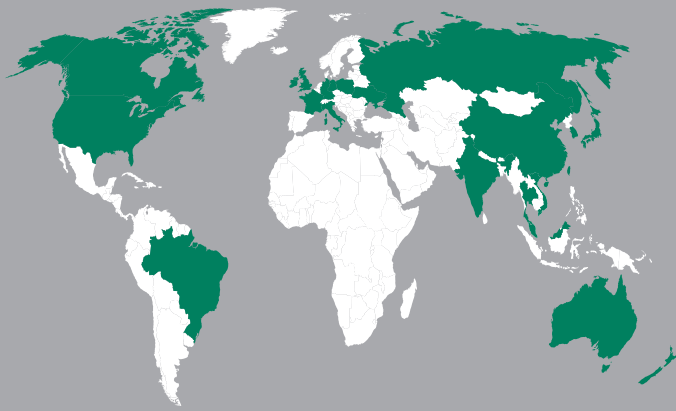
<b>NR-630</b>	-	<b>E-10</b>	-	<b>B</b>
①		②		③

<b>① Series</b> Filter Element Series <b>NR-630</b>												
<b>② Filter Elements</b> <table border="1"> <thead> <tr> <th>Filter Elements</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Inorganic Glass Fibre 3 <math>\mu</math>m</td> <td>E-03</td> </tr> <tr> <td>Inorganic Glass Fibre 6 <math>\mu</math>m</td> <td>E-06</td> </tr> <tr> <td>Inorganic Glass Fibre 10 <math>\mu</math>m</td> <td>E-10</td> </tr> <tr> <td>Inorganic Glass Fibre 16 <math>\mu</math>m</td> <td>E-16</td> </tr> <tr> <td>Inorganic Glass Fibre 25 <math>\mu</math>m</td> <td>E-25</td> </tr> </tbody> </table>	Filter Elements	Code	Inorganic Glass Fibre 3 $\mu$ m	E-03	Inorganic Glass Fibre 6 $\mu$ m	E-06	Inorganic Glass Fibre 10 $\mu$ m	E-10	Inorganic Glass Fibre 16 $\mu$ m	E-16	Inorganic Glass Fibre 25 $\mu$ m	E-25
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<b>③ Sealing Material</b> NBR (Buna-N®) <b>B</b> Other sealing materials on request.												



Dimensional drawings: All dimensions in mm/in.





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