

**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: 620 x 610 x 1125 mm / 24.41 x 24.02 x 44.29 in
- Weight: approx. 46 kg / 101 lbs

**Media Compatibility**

- Suitable for mineral oils, other fluids on request

**Flow**

- 30 l/min / 7.5 US GPM

**Temperature**

- Media temp.: -15 °C ... +90 °C / +5 °F ... +122 °F
- Ambient temp.: -20 °C ... +50 °C / -4 °F ... +122 °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
- Bypass opening pressure (integrated in pump): 3 bar / 43.5 PSI
- Test pressure: 12 bar / 174 PSI

**Framework**

- Material: phosphated and epoxy-coated Steel
- 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 16
  - on pressure side: DN 13
- On suction side with integrated coarse filter (Stainless Steel sieve 0,2 µm)

**Pump**

- Gear pump

**Motors**

- 230V: CE-certified motor unit (230 VAC @ 50 Hz - 1 phase) with Schuko-plug according to CEE 7/7 (Association of plug type E and Schuko (type EF))
- 400V: CE-certified motor unit (400 VAC @ 50 Hz - 3 phase) with plug CEE 16A 3P+N+G
- IP 55 protection rating: Dust protected and protected against water jets

**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

**Clogging Indicator**

- Visual Pressure Clogging Indicator Type SIM 04

**Lance**

- Available length 690 mm / 25.99 in

**Rose**

- Available length:
  - 3 m / 9.84 ft incl. parts