

2S-500E

Mobile Offline Oil Filter System

- Stainless steel construction
- 2 microfiltration units incl. 2 filter elements SDFC
- Filtration performance (average value) 240 l/h (40 cSt.)
- For oil quantities up to 1.000 litres
- Self-priming gear pump
- Prefilter unit with washable filter insert
- Intelligent PLC control
- Overpressure and run-dry protection with automatic switch-off
- Filter element change timer
- IP rating: IP55
- Transfer function -
for movement of the oil without filtration
- 6m suction and return hose with
quick release couplings



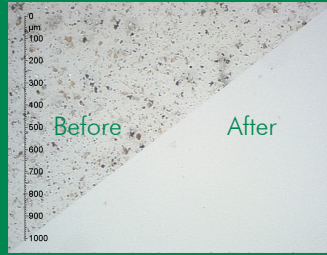
Results

Water Removed



Removes free and dissolved water

Particles Removed



Achievable oil cleanliness / cleanliness class in the ideal case: 13/11/8 (ISO 4406: 1999) Class 2 (NAS 1638) - better than new oil quality levels

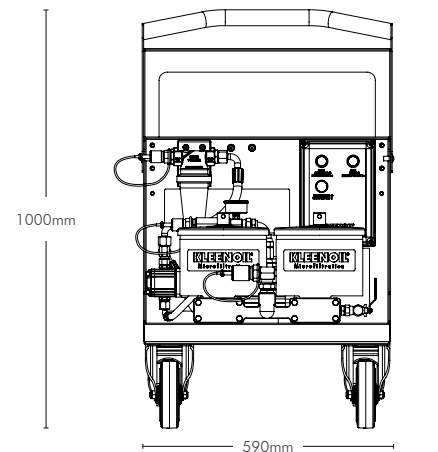
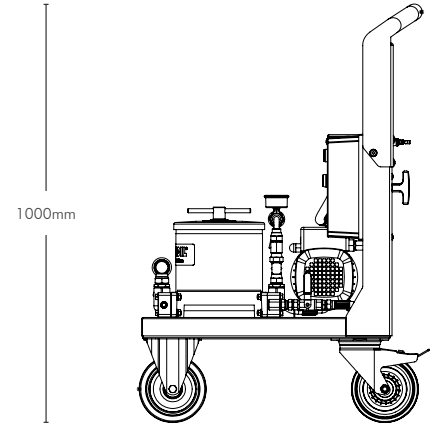
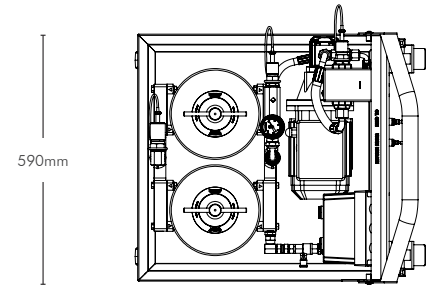
Benefits

- Removes varnish and microparticles down to 1 micron
- Removes free and dissolved water contamination
- Increases system reliability
- Prevents system corrosion (water!)
- Less component wear
- Extended oil change intervals; CO₂ -reduction
- Reduces operating costs
- Simple oil sample taking

Application Examples

This offline mobile filter system with the SDFC filter elements fitted as standard is suitable for filtration of mineral oil based and/or synthetic, non water-based lubricants and pressure fluids. This filter system is ideal for application in all service-workshops or manufacturing plants such as, e.g.:

- Power generation
- Plastic Moulding
- Cement industry
- Every kind of industry where oils are employed



Type	Max. Operating Temp.	IP Rating	Flow rate (average value at < 40 cSt) l/h	Pump Suction Lift	Voltage/ Motor Performance/ Current Draw	Dimensions (mm)		Weight (kg)	Filter Element Type	Retention Capacity per Element (x2)	
						H	W			Dirt: ≤ 2 kg	Water: ≤ 0.5 l
2S-500E	60°C	IP55	240	Self-priming to 5.5 m	110 / 230V 0,37 KW ≤ 6.5 / ≤ 3.0 Amps	1000	590	65.5	Standard fit: 2 x SDFC (oil based fluids)	≤ 2 kg	≤ 0.5 l
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Microfiltration