

2S-500E

Mobile Oil Filter System for Workshop & Industrial Deployment

- Stainless steel construction
- 2 microfiltration units SDU-H8 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
- Pre-filter unit with washable filter insert
- Intelligent PLC control
- Overpressure and run-dry protection with automatic cutout
- Filter element change timer
- IP rating: IP55
- Transfer function - movement of the oil without filtration
- 6m suction and return hose with quick release couplings
- Starting viscosity: max. 1,000 cSt.
Filtration viscosity: < 200 cSt.



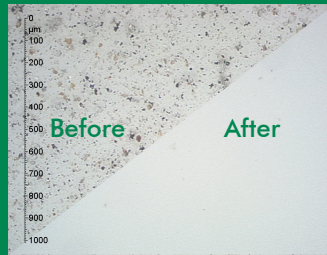
Results

Water Removed



Removes free and dissolved water contamination

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

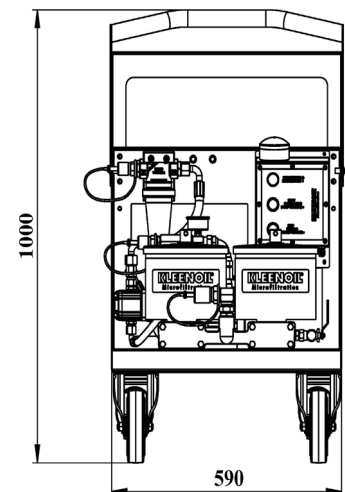
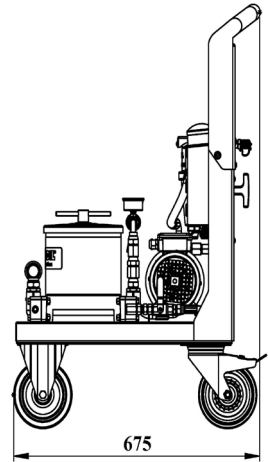
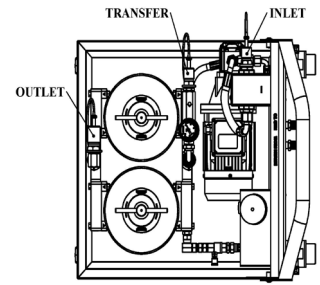
Benefits

- Removes and minimizes microparticles & varnish
- Removes free and dissolved water contamination
- Increases system reliability
- Prevents system corrosion (water!)
- Less component wear
- Longer oil change intervals; CO₂ -reduction
- Reduced operating costs
- MINIMESS test points

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. It is ideal for application in all service-workshops or manufacturing plants such as, e.g.:

- Power generation
- Plastic moulding
- Production of raw materials
- Every kind of industry where oils are employed



Type	Recommended Installation	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				
2S-500E	Mobile offline filtration system: Installation Taking feed and return from hydraulic reservoir / tank. For systems up to 1,000 l.	60°C	IP55	240	Self-priming to 5.5 m	230 Volt / 50 HZ	1000	590	65.5	Standard fit: 2 x SDFC (oil based fluids & fuels)	Dirt: ≤ 2 kg	Water: ≤ 0.5 l
						0,37 KW						
						≤ 3.0 Amps. (Motor)	L					
							675					

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Microfiltration