

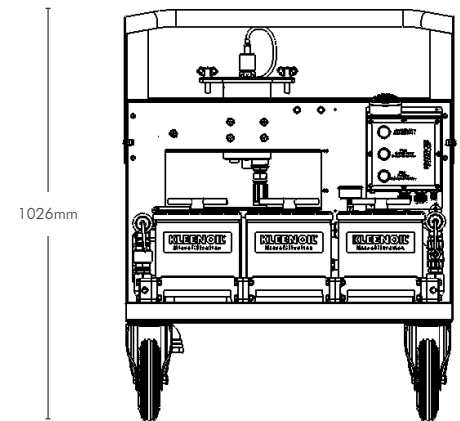
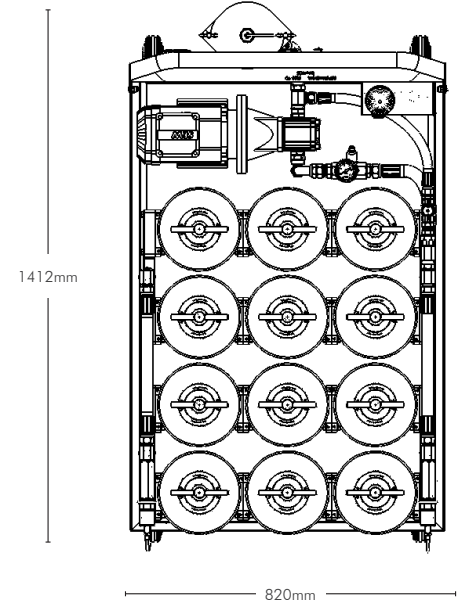
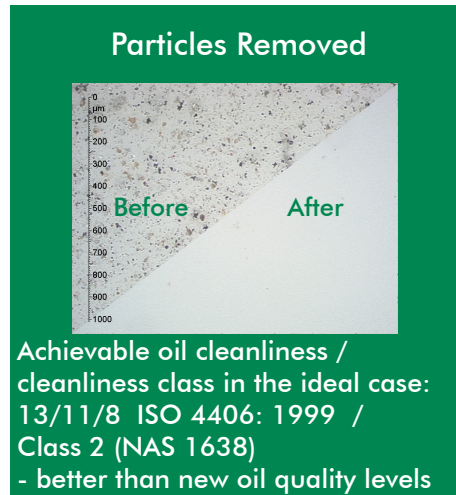
## 12S-E

### Mobile Oil Filter System for Workshop & Industrial Deployment

- Stainless steel construction
- 12 microfiltration units SDU-H8 incl. 12 filter elements SDFC with the option of use 1x12 or 2x6
- Filtration performance (average value) 2 x 720 l/h (40 cSt)
- For oil quantities up to 25,000 litres
- Self-priming gear pump
- Large pre-filter unit with washable filter bag
- 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
- Lifting points
- Starting viscosity: max. 1.000 cSt.  
Filtration viscosity: < 200 cSt.



## Results



### 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; CO<sub>2</sub> 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

Filter System 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 (x12)	
							H	W				
12S-E	Mobile offline filter system Installation: taking feed and return from hydraulic reservoir / tank. For systems up to 25.000 l.	60°C	IP55	720 l x 2	Self-priming to 5.5 m	230V / 50HZ  0,55 KW  ≤ 4.0 Amps (Motor)	1026	820	200	Standard fit: 12 x SDFC (oil based fluids and fuels)	Dirt: ≤ 2 kg	Water: ≤ 0.5 l
							L					
							1412					

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Microfiltration