



  
**Comat**  
*filters*

**F top**  
**series**

*Cartridge  
Filtration*  
for cutting oil

# The **ADVANTAGES**



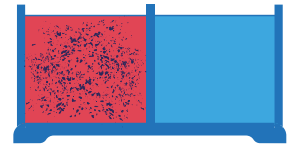
**QUALITY OF FILTRATION**  
5-10 micron



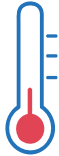
**DOUBLE PUMP**  
for wheel and spindle



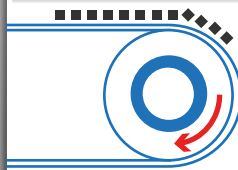
**NO LIMITATION**  
on oil viscosity



**NO MIXING**  
of dirty and clean oil  
in the tanks



**STABLE  
TEMPERATURE**  
 $\pm 0.5^{\circ}\text{C}$



**MAGNETIC SEPARATOR**  
Kit Plug & Play



**NO COMPRESSED AIR**  
required



**EASY MAINTENANCE**  
full access to dirty  
and clean oil tanks

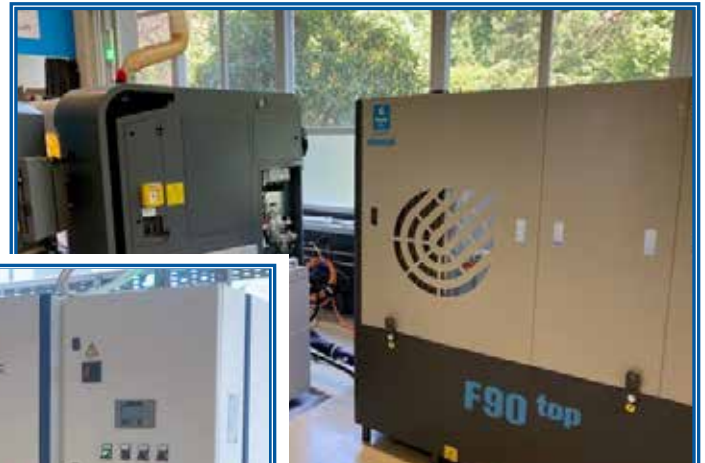
**from 90 up to 130 l/min at 10 bar**  
for a superior machine supply performance

# F<sup>top</sup> FEATURES

MODEL	F90 <sup>TOP</sup>	F130 <sup>TOP</sup>
● Filtration flowrate ( <i>Nomial</i> )	90 l/min	130 l/min
● Fluid compatibility	Synthetic or mineral oil	
● Contaminats	Carbide, HSS, Cermet, PCD, Precious metals, Cast iron, Ceramic, etc.	
● Filtration rating	5 - 10 µm ( <i>depending on the cartridges used</i> )	
● Tank capacity	1.150 l	
● Filtration Media	4 filtration cartridges	6 filtration cartridges
● Filtering area	10 m <sup>2</sup>	15 m <sup>2</sup>
○ Workcycle management	Semiautomatic ( <i>electric panel with pressure switch and 'saturated filters' alarm</i> )	
○ Standard color	RAL 7035 + 5017 ( <i>customizable as an option</i> )	
○ Special support for forklifts	<input checked="" type="checkbox"/>	
○ Display	SIEMENS LOGO! TDE 3"- Basic color touchscreen	
○ Removable cover panel	Optional	
■ Collection of dirty oil	By gravity	
■ Dirty oil inlets	Ø3" with gate valve	
■ Lift pump for dirty oil	Integrated pump - Flowrate 200 l/min at 0.5 bar	
■ Distribution pump for clean oil ( <i>Wheel</i> )	Flowrate ~90 l/min at 10 bar	
■ Distribution pump for clean oil ( <i>Spindle</i> )	Flowrate ~30 l/min at 5 bar	
■ Clean oil outlets	1-1/4" G female connectors	
■ Fine temperature control unit (±0.5°C)	Integrated chiller or Heat Exchanger	
■ Magnetic separator	Optional	
□ Voltage	400 Volt 3Ph+PE 50 Hz	
□ Installed power	~ 9 kW	
□ Signals	Harting Plug	
□ CE certification	<input checked="" type="checkbox"/>	



Verbreitet mit ALHASS



Verbreitet mit STRASSAK



Verbreitet mit ANZA



Verbreitet mit POLCOMATC

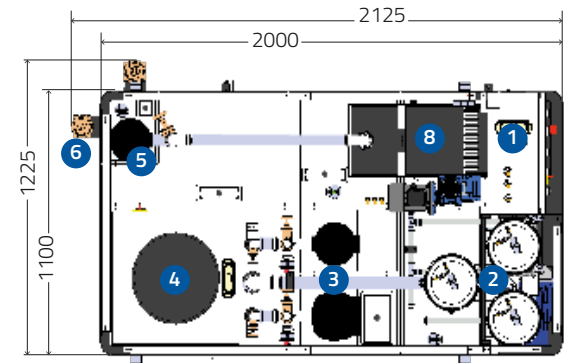


Verbreitet mit WALTER

# **F<sup>top</sup>** COMPONENTS e DIMENSIONS



- ① Control panel
- ② Filtration cartridges
- ③ Clean oil distribution
- ④ Chiller
- ⑤ Lift-pump
- ⑥ Dirty oil inlet
- ⑦ Removable cover panel (optional)
- ⑧ Magnetic separator (optional)





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