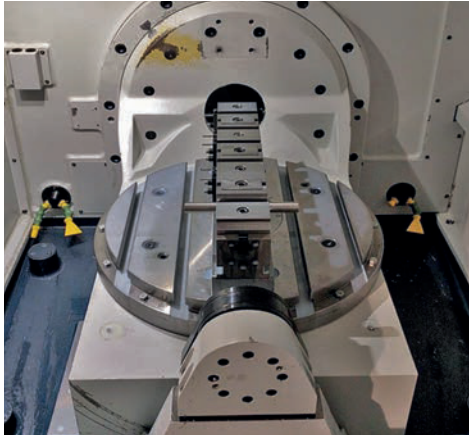


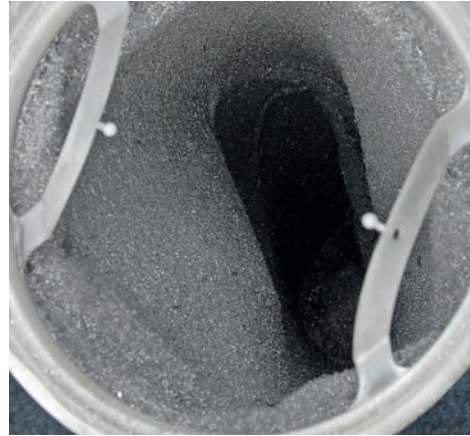
## Stainless steel filter systems for Cooling lubricant care EM 5000-VA

tried and tested - efficient - reliable - cost-reducing

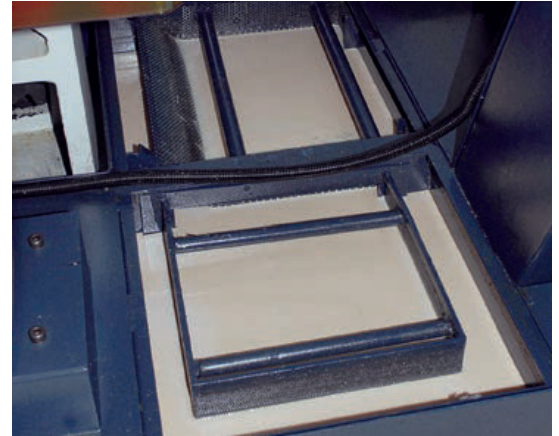
 100% Made in Germany



*Machine clean despite greatly extended KSS service life (over 3 years), without deposits in the sink area*



*Dirt is where it belongs on the way to the trash*



1 µm filtration: homogeneous, clean and odorless emulsion (photo after 60h standstill) Machine free of deposits

### Areas of application

- CNC machining centers (milling, turning, drilling, sawing)
- Grinding, polishing and eroding machines
- Thread rolling, thread cutting, smoothing
- for all aqueous and oil-based cooling lubricants and Emulsions, other media on request

### Advantages

- Health protection by filtering out bacteria and fungi
- Homogenization and optimal cleaning of the emulsion with each pass
- No use of harmful biocides and preservatives
- At least 50% cost savings due to drastically longer bath service life
- Extremely economical filter cartridges, high dirt holding capacity at a minimal price
- 100% particle-free lubrication on the tool
- extended tool life (especially when tapping/reaming)
- Up to 300% improved surface quality (e.g. from RA 0.9 to RA 0.3)
- Optimum protection of pumps, rotating unions (IKZ) and valves
- Trouble-free work with the finest cooling channels and micro-machining
- Risk-free, quick installation without intervention in the control
- proven, robust technology from the chemical and food industry
- easy maintenance and cleaning, long maintenance intervals (1 – 6 months depending on the material)



Without an effective filter: microparticles coat themselves with oil and float  
 • uncontrolled segregation

## EM 5000-VA filter systems for Cooling lubricant care

**tried and tested - reliable - cost-reducing**

### performance

- 100% particle retention (no bypass)
- Rated capacity up to 20 m<sup>3</sup>/h – differential pressure 0.01 – 0.5 bar
- 1.0 µm filter fineness, others on request
- Compact, space-saving design, only 0.3 m<sup>2</sup> footprint
- Highly effective against bacteria, yeast and mold
- Replaces expensive and bulky band filter systems

### options

- Connection of several machines via transfer pumps
- Battery switching for large systems
- Electronic monitoring, 24/7 operation
- Automatic changeover when the cartridge is saturated
- Integration in storage tank 300 l or 800 l
- bypass; Flushing gun with filtered medium

### Execution

- 100% stainless steel for maximum durability
- Base with casters and drip tray
- Venting for quick and safe commissioning
- Pressure gauge at any time saturation control
- Shut-off valves for clean cartridge change
- Also available in the color of your choice



**Our offer for the initial setup:**

**1 month trial period with  
full money back guarantee**

### Ihr Contact

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