



FILTRAMAQ

Autonomous filtration of cooling liquid up to 1 μm

It can be used with pure oil as well emulsion oil.

Capacity: up to 10 l/min

Indicated for individual machines like Vollmer CHD, Walter CNC5

ELITE FILTRAmag

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Filtration up to 1 μm

FILTRAmag filters particles so fine that it even rejuvenates the coolant, this can be seen in the color change the oil undergoes.

Test results:

On the left, new SintoCut MD oil.

In the middle oil with 3 years of use: 8h/day - 6 days a week in a carbide tipped circular saw blade sharpening machine.

To the right after filtering it with FILTRAmag.

The ELITE FILTRAmag, is our autonomous filtration equipment for cooling liquids up to 1 μm , which allows you to filter the sharpening oil or coolant as clean as if they were new. It incorporates the following improvements:

- The filtration system is very affordable in size/quality.
- Low maintenance cost.
- With centralised filtration systems, if the system breaks down the machines that depend on it stop working. FILTRAmag works independently from your grinding machine.
- By working continuously with coolant completely free of particles, the wear on guides and spindles of the machine diminishes, saving cost repairs that exceed several times the price of FILTRAmag.
- In addition, this will allow higher grinding quality and increases grinding wheel lifetime because no particles come between wheel and tool.



Always at the highest quality

The same filtration quality at both the beginning and the end of the filter cartridge's lifetime.



Welcome to ecology

Together with our synthetic coolant SintoCut PRO MD, you no longer have to dispose of dirty oil.

Very easy to use

A single start/stop button and a filter change indicator.



Modular system

You can connect as many FILTRAmags as you want, even from different models.

iPlug and play!

The easiest system to set up, insert the two oil inlet/outlet pipes into the machine's tank, connect the FILTRAmag to the power supply and you're ready to go!



Technical Specifications

Filtration flow rate	Up to 10l/min
Filtration quality	Selectable from 1µm, 3µm, 5µm absolute filtration (accuracy >99%).
Installation to the grinding machine	By means of two ø1/1-2 "inlet and 1" outlet tubes per filtration and grinding unit.
Principle of decentralization	The machine uses its own pump for dirty coolant inlet/outlet and clean coolant outlet. No modifications to the machine are necessary.
Life expectancy of consumables	
No backwashing system	<i>Up to 12 months with synthetic oil.</i>
Weight	130 kilos
Dimensions	510x740x690 mm.

MAIN ADVANTAGES

- High filtration quality comparable to that of our best competitors (up to 1µm).
- No installation required: Plug&Play: simply place inlet and outlet pipes inside the coolant tank, prepare the inlet pipes and start the machine.
- If the hydraulic oil mixes in the coolant, the filter continues to work.
- Suitable for machines such as Vollmer CHD, Walter CNC5. Can be used on up to up to 3 non-simultaneous machines.
- The optional cooling system is integrated inside the machine, saving space.
- Filtration flow rate: up to 10 litres/min. per machine.

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We reserve the right to make design changes in the interest of technical progress.