

Localised Oil Mist Filters

MistMagician (MM) is designed for stationary installation, direct on a machine tool with no need for ducting or additional use of floor space. The filter will effectively collect coolant smoke or mist from the machine process, and if necessary, return the recovered coolant back to the machine. The filter unit is provided with a number of options for a quick and easy installation.

Applications:

MM oil filters are suitable for almost all types of CNC machines that use oil based coolants and generate oil mists and fumes during the operation.



Features:

- Efficient filtration of oil mist and light smoke
- Return the recovered coolant back to the machine
- Indicator showing clogging level
- Easy replacement of filter cartridge
- Compact, lightweight design
- Quick and easy installation at low cost
- Low energy consumption
- Low operation cost
- Fan is mounted directly on the filter

Centralized Oil Mist Filers

The MistTerminator (MT) is a modular filtration system that captures oil smoke/mist. For handling oil mist, you shall choose the MT-31. If you need to handle both oil mist and oil smoke you require MT-32 that is equipped with additional HEPA filter. All MT filter units and filter banks are modular and can be tailored to your needs.

Processes and applications:

Cutting, boring, drilling, honing using various metalworking equipment and CNC machine tools
Cold pressing and stamping operations | Hardening and wet grinding of metal

Features:

- Intended for 1 – 2 work shift, light mode (processing parts at low and medium speed)
- Suitable for processes involving contamination of coolant in the form of a thick sludge of metallic particles and burnt oil
- Handles combined wet and dry metal processing
- Not suitable for oils with a flash point below 150 °C (300°F)
- Maximum initial oil concentration is 30 – 40 mg/m³
- Filters have pressure indicator showing clogging level
- Prepared for direct mounting of the fan on the filter
- New mechanism for quick filter replacement during scheduled maintenance
- Two input sockets for easy alternative duct installation

