

DEMISTER FILTERS



This series of filters represents the definitive solution for the **filtration and abatement of aerosols from release agents and lubricants.**

They are **multi-stage static abatement systems**, which combine filtering elements and conformations, specific for each individual application to which they are dedicated.

It is characterized by very **high efficiency, versatility and modularity**, in full compliance with the regulatory limits in force regarding dust emissions.

SECTORS AND APPLICATIONS

They are the ideal solution for the filtration and the abatement of aerosols from release agents and lubricants in the **injection pressing processes of non-ferrous metals** and oil mists from systems and machineries for **mechanical processing.**



Demister filtering system for oil mist



Demister and PJ dynamic bag filter



Filtering system demister integrated on hood

ADVANTAGES

- Models and **specific compositions of filtering sections** according to the application.
- Modular filter media, easy to clean and replace, made of metal wool, glass fiber, PE or PU with open cells, flat or wrinkled, pocket filters, absolute filters, labyrinth condensation elements.
- Applications for temperatures up to 60°C.
- Maximization of performances through **optimized flows' internal geometry** that minimizes pressure drops.
- Strong and compact structure made of painted carbon steel sheet and reinforced with steel profiles, built to last over time.
- Base shaped like a condensation collection tank with **facilitated drainage system**, for an effective settling of the pollutant.
- Inlet and outlet air conveyors, with internal flow separators.
- Versions for the installation inside the working spaces or outside according to the needs.
- Versions with automatic filter cleaning system (optional).
- Maximum ease for the operator in carrying out cleaning and routine maintenance operations, thanks to the access doors placed in correspondence with the filtering sectors.



Applicazione Demister in sistema multistadio

MAXIMUM ENERGY EFFICIENCY

The DEMISTER static abatement systems are equipped with top-level components in terms of reliability and easy availability on international markets.

In addition, the intelligent «**SMART FLOW SYSTEM**» totalizes and modulates, in a self-adaptive way, the extracted airflow needed by the system to **maximize energy savings** of up to 50% compared to traditional systems.

OMAR systems are equipped with **user-friendly controls** can be integrated into **4.0 factory systems**.

ACCESSORIES

- Temperature sensors
- Cleaning system