

DUST COLLECTORS

Eco Oil

OIL MIST COLLECTORS

The Oil mist collectors can be installed for stand alone machines or as centralized extraction system for a series of Machine Tools or Machining Centers, where dust and oil mist are involved. The Sideros Engineering Team sizes and recommend the proper Oil Mist Collector according to the quantity and type of machine tools to be connected with. Our Oil Mist Collectors are suitable for a wide variety of industries such as: mechanical workshops, aerospace, automotive, railways, defense, fabrication etc.

FEATURES AND ADVANTAGES

- Improvement of workers health and productivity
- Machine cleanness and efficiency
- Reduction of maintenance costs
- Minor Pollution in the machining shop
- Airflow: 2.500 - 19.000 m³/h



Vortex

CYCLONE PRE-FILTRATION SYSTEM

The cyclone pre-filtration system, besides acting as protection against sparks and fires, it divides and conveys, heavier dusts and chips from fine dusts into a collection bin.

Thanks to the cyclone and its centrifugal force, the partially filtered air goes straight to the main dust collector to get filtered, leading to a longer cartridges life and a fire prevention.

APPLICATIONS

Deburring, Polishing, Sawing, Thermal cutting and other applications where heavy dusts, chips or metal mesh mixed with fine dusts are involved.



FEATURES AND ADVANTAGES

- Longer cartridge filters life
- Greater protection of the main dust collector against sparks and fires
- Suitable to separate chips and heavy dusts from fine dusts