

Dust Collectors
 for Laser cutting



ECOLASER

ECOLINE dust collectors have marked a **significant turn** in the industrial filtration field thanks to their **high performances in suction and filtration.**

SIDEROS ENGINEERING has been the first firm worldwide to introduce a new philosophy of compact dust collectors for LASER CUTTING MACHINES.

The main **features** of these dust collectors are the following:

- Compactness to be perfectly integrated with the layout of the LASER CUTTING MACHINES
- High Suction and Filtration performances
- Endurance of the filtration elements thanks to the TOP GRADE patented cartridge filters
- Heavy duty construction
- Automatic filters cleaning
- Low energy consumption
- Low maintenance and running costs
- Fire risk protection
- High product customization
- "M" filtration class
- Filtration efficiency: 99.997%

ECOLINE cartridge dust collectors belong to the category of **absolute filters.** They always guarantee a post-filtration level of **dust emissions <math><1\text{mg}/\text{m}^3</math>**, even in the presence of extremely fine particles. Once air is filtered, it can be released and breathed into the workplace.