



Dust Collection & Filtration Services

CNC PLASMA CUTTING

Virgin Environmental® can design, supply and install the correct dust collector for your new or existing plasma cutting machine. Virgin Environmental® has dust collection installation experience with the following plasma brands:

- ESAB
- Kinetic
- ART
- Profile Cutting Systems
- ProArk
- RonMack
- Design Correlation
- and more...



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VIRGIN[®] enVironMENTAL

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CNC PLASMA CUTTING PRODUCTS

GOLD SERIES DUST COLLECTORS

Gold Series[®] dust collectors feature a new modular design for optimum field flexibility. Each module accommodates airflows up to 5,000 cfm using four cartridges mounted in a symmetrical frame. Additional modules may be added to meet total airflow requirements beyond 100,000 cfm. The Gold Series module is constructed of 7-gauge carbon steel. The door, hopper, inlet and panels are all 10-gauge steel. Most other dust collectors on the market are only 12 gauge.



All Gold Series dust collectors are powder painted for unsurpassed weather and corrosion resistance. Designed in modules, the cross flow inlet, access door, explosion vent and other components can be installed on any side of the module to meet individual needs. The available configurations are virtually unlimited. This gives you a customized dust collector, delivered fast. The vertical design of Farr cartridges provides more efficient pulsing of dust; thus eliminating uneven dust loading associated with horizontally mounted cartridges. Enhanced performance features with exceptional ease of installation and service make the Gold Series the ultimate choice for a clean workplace.

GOLD SERIES FILTER CARTRIDGE

Featuring the Gold Cone in the centre of the cartridge, cleaning is accomplished by pulse waves that emanate outward from this inner cone providing enhanced cleaning for more efficient operation, longer cartridge life and reduced service requirements. In most cases, the Gold Series meets the 5mg/m³ or less emissions required to recirculate the air back into the work place on non-hazardous dusts. Meeting airflow requirements with a 25% smaller housing allows the Gold Series to deliver premium performance at a competitive price and take up less factory floor space. The service benefits are numerous offering faster, trouble-free change-out of cartridges.



Virgin Environmental also supply a range of Plasma Cutting accessories including:

- Custom Digital Controllers
- Fire Suppression Kits
- Spark Arresting Systems
- Plasma Cutting Bed Intake Systems



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