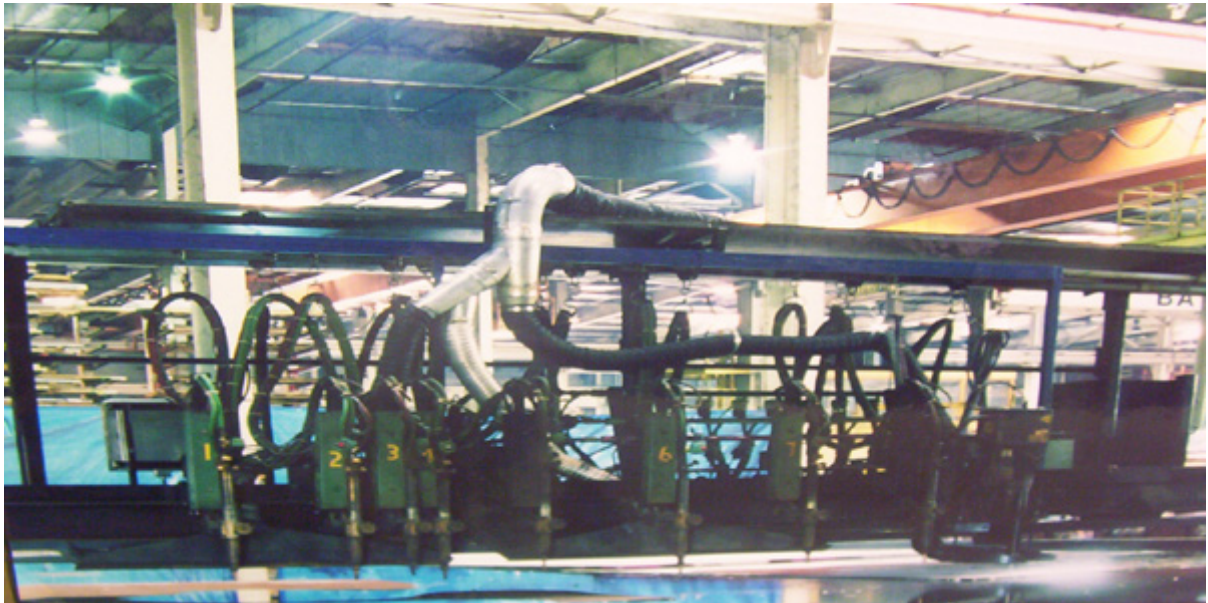


BOWLIN *Engineering Co.*



Bowlin Engineering Plasma Smoke-Dust Collector

This new point of source unit recycles plant air saving energy and creating a healthier plant environment.

Two stage filtration with HEPA filter second stage allows collector exhaust air to be re-circulated into the plant. The smoke-Dust collector is designed for use with gantry type plasma cutting systems.

Surround collector hood works with straight and bevel plasma heads.

Rolling track hose support for longitudinal exhaust hose pulse cleaned cartridge collector.

Rolling track hose support is low friction that does not affect the sensitive gantry drives.

Specially designed rollers support the flexible exhaust hose with minimum wear.



Point source hood requires much less air-flow for smoke control. The surround hood creates uniform draft minimizing any effect on the torch flame patterns.

Specifications:

- Triple cartridge designed with integral sealing gasket.
- 12 ga. steel construction - seal welded.
- Flat plate tube sheet with built in venturi.
- Large, hinged inspection door for easy access to filters.
- On line cleaning.
- Double hopper design for low profile.
- Overall dimensions (including fan): 125"(L) x 27"(d) x 91"(h).



Filters

- Cellulose/polyester fiber construction cartridge filters.
- Excellent resistance to moisture
- 678 Sq FT-Total filter media surface.
- Cartridge efficiency- 99.8%
- HEPA after filter for building air.
- HEPA efficiency- 99.99%
- 200 CFM-air to cloth ratio 3:1



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