

■ Cylinder Laser Engraver's fume extractor



■ DESCRIPTION

Fume or smoke from laser engraving machine is the "Air Pollution"

The laser's fume are hazardous to health if inhaled. People can become permanently sensitized to laser's fumes ,even a little amounts of laser's fume, may cause respiratory diseases.

RC Compact laser's fume extractor

- Protect employee's health and care environmental
- Reduce the cost & time to cleaning laser lenses, conveyors, guarding, soldering machines and other equipment.
- Reduce product contamination.
- Provide a better working environment.
- Reduce downtime.

■ PERFECTED SOLUTION

Advantages :

- Emission reduction of dry / liquid aerosols down to 0,1 mg/m³
- Protection of down stream systems for odour or VOC
- high air circulation achievable at automated
- internal circulation of pre-coat material external waste treatment of saturated material
- no waste water
- no chemicals for pacifying, disinfection and coagulation
- Cheep cost of pre-coating material
- No toxic chemical
- Low cost of maintenances

| Extractor Type | Efficiency (%) | Emission (mg/M) | Media/ Often replacing | Consumption cost |
|--|----------------|------------------|--|------------------------------|
| ESP | 95 | >50 | Often stop for cleaning | Often down time of operating |
| Activated Carbon | 98 | >30 | Activated carbon | Very expensive |
| Bag filter+ HEPA | 99-99.5 | >5 | Filter & HEPA | Very expensive |
| RC Compact laser's fume extractor | 99.997 | <1-2 | Long life time more than 10 years | Cheap |

■ Laser Engraver's fume extractor model :

| MODEL | AIR FLOW RATE (CMH) | BLOWER POWER (KW) | DIMENSION (MM) |
|----------------------------|------------------------|----------------------|-------------------|
| RC Compact-Delta2-2-750/9 | 300 | 2.2 | 1000X1500X2100 |
| RC Compact-Delta2-4-750/9 | 300-600 | 2.2 | 1000X1500X2100 |
| RC Compact-Delta2-6-750/9 | 600-900 | 2.2 | 1000X1500X2100 |
| RC Compact-Delta2-8-750/9 | 900-1200 | 4.1 | 1000X1500X2100 |
| RC Compact-Delta2-10-750/9 | 1200-1500 | 4.1 | 1000X1500X2100 |

