

ULTIMATE SOLUTION FOR AIR POLLUTION



MONEE

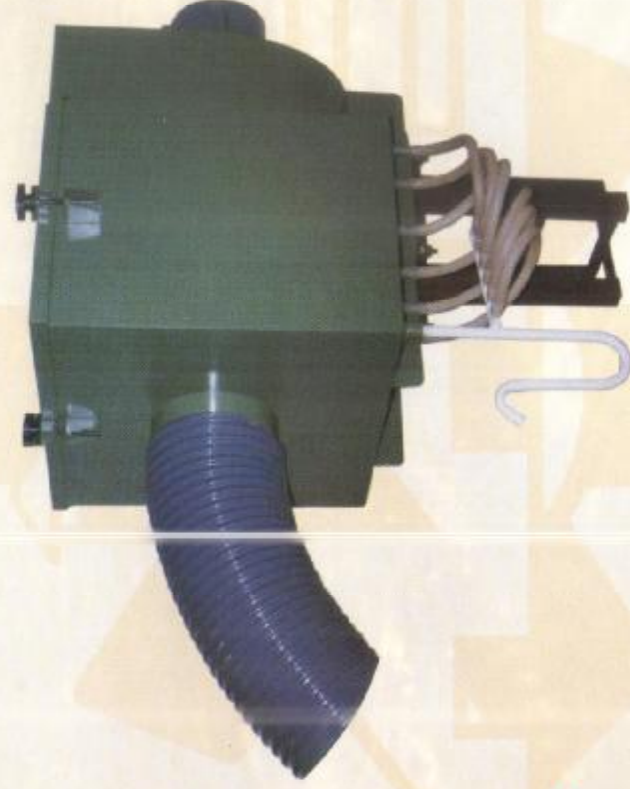
- AVOID OIL MIST POLLUTION IN SHOP
- AVOID CARRY OVER (CUTTING LUBRICANT) ALONG WITH AIR
- REDUCE THE SHOP FLOOR MAINTENANCE COST
- SAVE THE COST-CUTTING OIL

CLEAR MIST - OIL MIST SEPARATOR

Oil Mist is produced when oil is used as a coolant in cutting and grinding operations. We at Monee Enterprises have developed an oil mist separator which is superior to existing machines by all means. How does it work?

FUNCTION

The Mist generated is drawn into the separator unit by a centrifugal fan driven by an electric motor. The mist along with air, passes through differential filters. After passing each stage oil in the form of mist is separated and collected in the sump of the grinding and cutting machine for reuse. The filtered clean air is returned to the factory atmosphere.



SALIENT FEATURES

Designed :

- For maximum collection and separation
- With large air quantity and required pressure which makes it highly efficient.
- With multi stage differential filters for effective separation.
- With removable, washable and reusable filters - a remarkable feature.
- With collection channel and effective drain system.
- With pillar of suitable height to suit your operation.
- To separate large volume of oil, reroute and collect it at the sump of the user machine.

Range Available

Model	Capacity m ³ /min	Weight Kg	Total Length mm	Motor Kw	Inlet size mm
MMS1	9	40	687	0.37	100
MMS2	14	41	687	0.55	125
MMS3	25	54	850	0.75	150
MMS4	33	61	875	1.10	200
MMS5	50	78	950	1.50	200
MMS6	116	102	1075	3.75	300

COMPACT UNIT CYCLONE DUST COLLECTOR

Install our cyclone bag filter for extraction of dry dust polluting the work environment. It is built with cyclone, filter bags for effective filtration of dust of variable density.

FUNCTIONS

Dust generated by various types of industrial operations is captured through the flexible duct provided with the unit. While passing through the cyclone, the denser particles settle down. Then the left out fine particles are filtered by pleated filter bag. Filtered clean air comes out of the unit.

SALIENT FEATURES

- Dust Capture** : Designed with very high capturing velocity and air volume
- Cyclone** : Built-in cyclone unit which separates denser particles.
- Filtration** : Filter bags made of non-woven polyester and pleated to increase filtration area. (Heat resistant bags - optional)
- Inspection** : Separate door for easy inspection and maintenance.
- Cleaning** : Simple manual hand shake mechanism. (Auto pulse jet for non-cyclone unit bag filter-optional).
- Disposal** : Dust is collected in a separate bin. Disposal time is based on usage and quantum of dust collected.
- Size** : Compact unit can be positioned along the user machine.
- Body** : Fully powder coated, So corrosion free.



Range Available

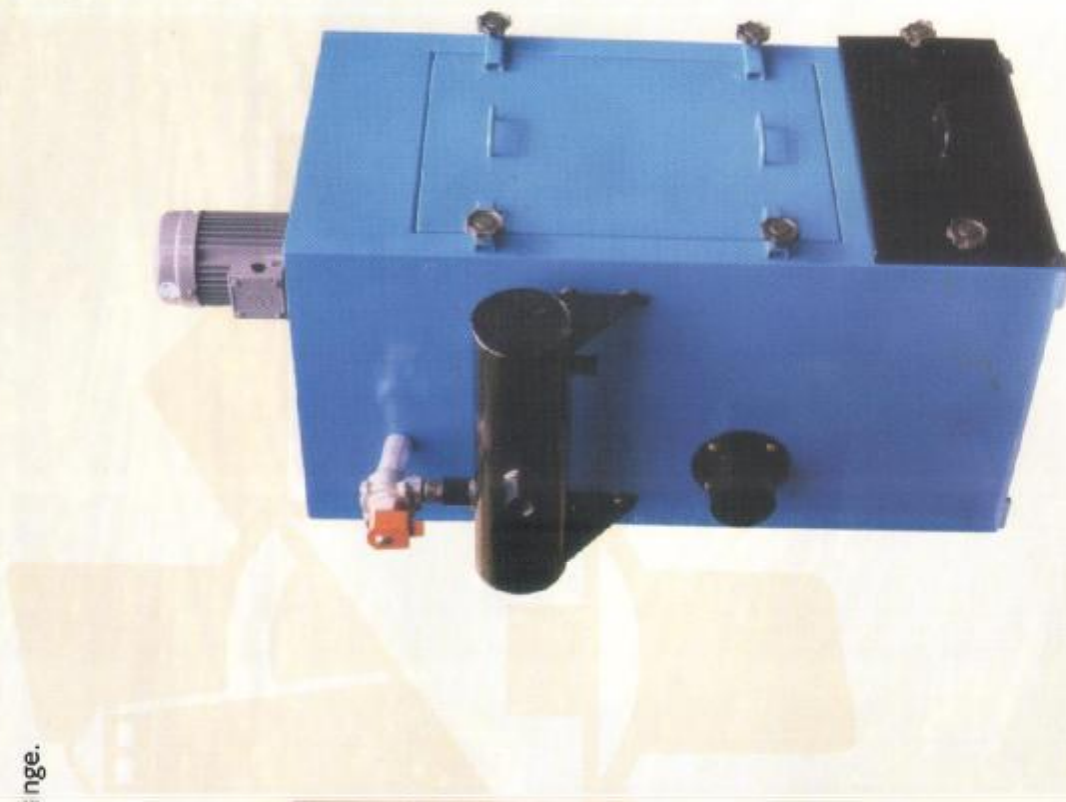
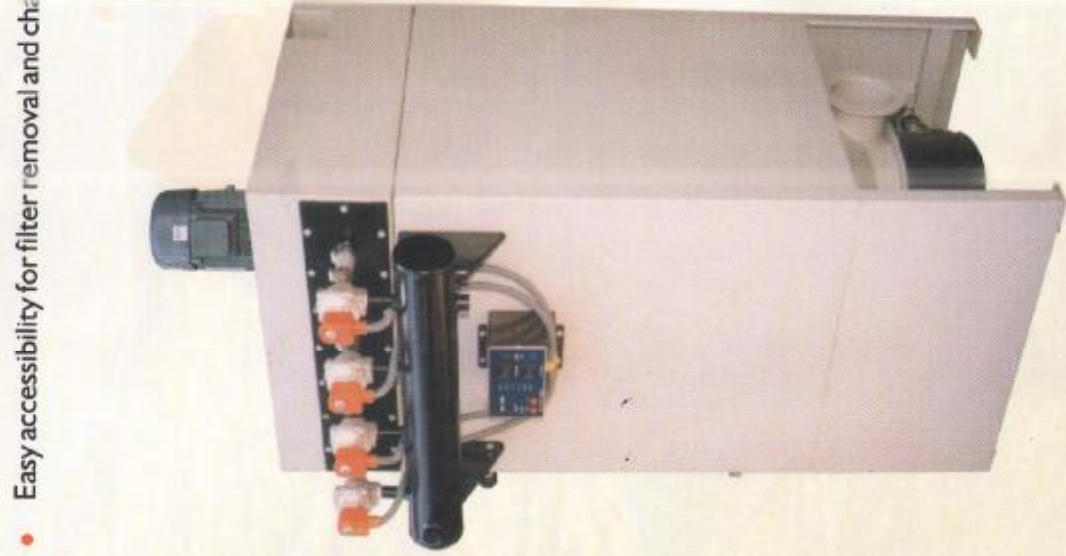
Model	Capacity m ³ /h	Size mm L x B x H	Motor /kw	Inlet size mm
MCUCD 1	540	450x450x1100	.55	75
MCUCD 2	960	560x560x1330	.75	100
MCUCD 3	1500	620x620x1500	1.5	125
MCUCD 4	2700	750X750X1630	2.2	150

MINI PULSE JET BAG FILTERS

Dust generation is common in production activity leading to finishing of components. Apt system selection is a must to handle the dust. Giving a clean working environment will definitely improve the involvement of employed people towards perfecting the required standards. Mini Pulse Jet Bag Filter offered by us will have the following features.

SALIENT FEATURES

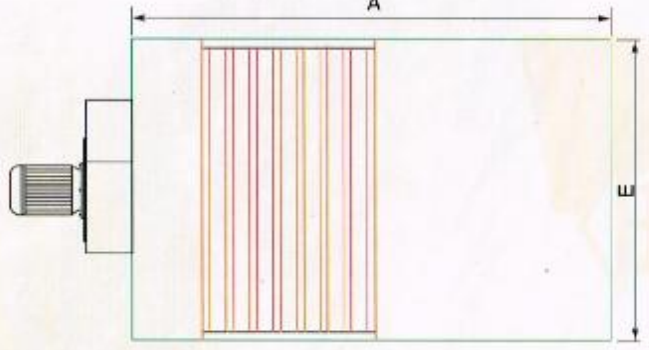
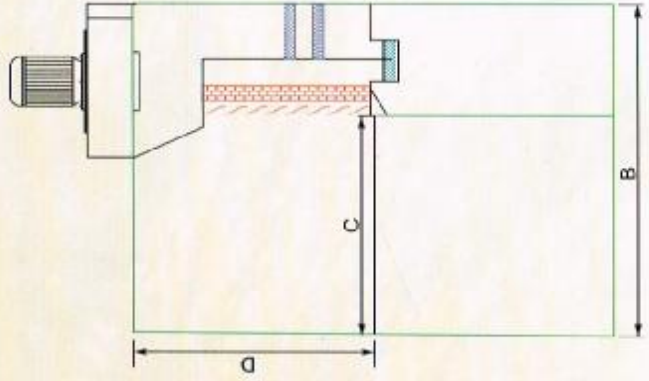
- Apt design parameters (for shell tube velocity).
- Solenoid triggered timer controlled pneumatic cleaning system ensuring complete cleaning.
- Pleated filter bag with vast filtration area and surface filtration.
- Higher capacity of dust handling is possible since the filters are with high filtration area.
- Easy bin removal and cleaning is possible.
- Easy accessibility for filter removal and change.



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PAINT BOOTH



PAINT BOOTH

Component painting releases pressurized air with atomized paint mist, which is a pollutant. Various methods are available to exhaust the pollutants. Exhausting the excess paint in form of mist will improve the quality of painting and working condition. Generally components are painted in Paint Booths to avoid mist laden air inhalation, which will also improve the painting quality. Install our highly efficient compact **Paint Booth** for your painting application and improve your quality of painting and work atmosphere.

PAINT BOOTH FUNCTION

Mist escaping in the process of painting is drawn by suction draft created by centrifugal blower, which is attached to the booth. Paint particle mixed in air is separated and filtered in various stages. Two stages of louvers act as a barrier in separating 60% of the paint mist laden air. In the second stage stationary water bath acts as the filter screen which is provided with level adjustment screw and drain. Third stage of filtration is carried out through disposable filter cartridges. Finally the air comes out of the blower, which is free from any pollutant.

SALIENT FEATURES

Size : Compact booth, occupies lesser area.

Operation area : If the standard sizes are insufficient, booth can be designed and supplied based on customer's requirement.

Cleaning : Louvers, water tray and filters are easily removable. So the periodical cleaning is easier.

Efficiency : Built with highly efficient standards. 100% filtration is achievable.

Options : Louver, water tray and filter combination / running water screen, water mist eliminator combination / water mist eliminator with disposable filter combination - customer's choice.

Range Available

Model	A	B	C	D	E	HP	Centrifugal Fan	Axial Fan
MPB 1	1200	900	600	800	800	1	1500 cmh	6000 cmh
MPB 2	1200	1200	800	800	1200	2	2800 cmh	11000 cmh
MPB 3	1200	1200	800	800	1800	3	4200 cmh	14000 cmh
MPB 4	1200	1200	800	800	2500	5	7000 cmh	20000 cmh

AIR RECEIVER TANK

Single walled air vessel - conforming to IS 2875 / SME VIII Division - ranging from 40 litres to 2000 litres as per the requirement of the customer. Both vertical and horizontal types are available.



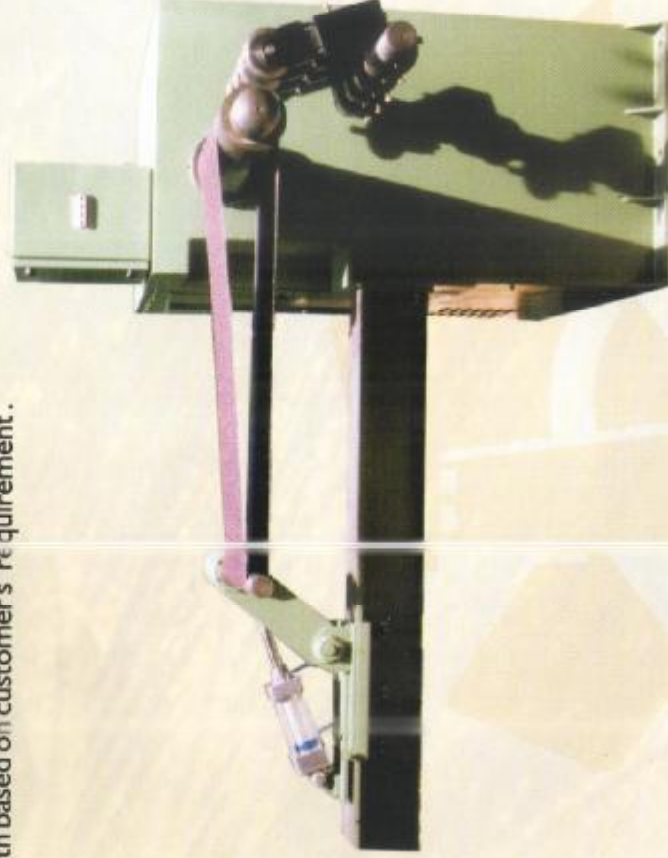
FABRICATION & HEAVY ENGINEERING

We have heavy engineering facility to handle fabrication of heavy Tanks, Chimneys and structurals. Plate bending machine with capacity of width 3000 x 50mm thickness, Hydraulic press to fold 6mts. of 20mm Mild Steel plates. Our In-plant facilitates all types of welding like CO₂, Submerged Arc, Tig. Equipped with lifting facilities for material handling.



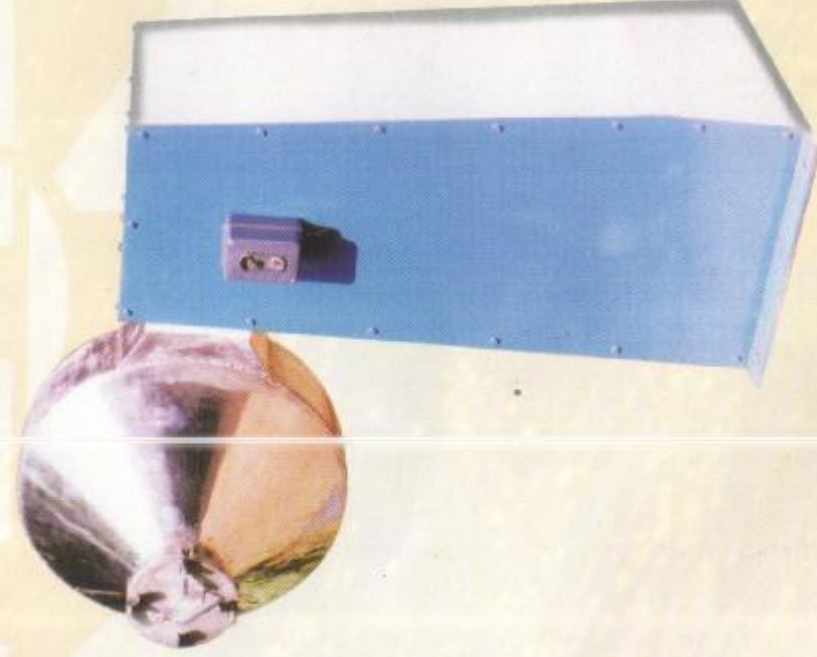
BELT SLITTING MACHINE

- Gang cutter arrangement.
- Pneumatic cutter tension arrangement.
- Minimum trimming thickness 3mm per side.
- Cutting belt length based on customer's requirement.



CONE BLENDER

Capacity 20 litres - 1000 litres



We have great pleasure in introducing ourselves as manufacturers of Industrial Air Pollution Control Equipments especially CLEARMIST Oil Mist Separator and Compact Unit Cyclone-Bag Filter.

SYSTEMS WHICH WE DEAL

AXIAL FLOW FAN • CENTRIFUGAL BLOWER • DUCTING, HOOD, DAMPER AND GRILL • ROOF EXTRACTOR • FUME EXTRACTION SYSTEM
SPOT VENTILATION SYSTEM • SPRAY PAINTING BOOTH
DE-HUMIDIFICATION SYSTEM • PULSE JET BAG FILTER • ACID SCRUBBER
WET SCRUBBER • GREASE AIR FILTER • FUME CUPBOARD
MULTI CYCLONE • CYCLONE DUST COLLECTOR • WET CYCLONE
ROTARY AIR LOCK • WET AGGLOMERATOR • SPM ETC.,

OUR VALUABLE CUSTOMERS

We supply our systems to RAJEE ENGINE VALVES LTD., Plant-I, Chennai, Plant-II, Medchal, Hyderabad, Plant-III, Aziz Nagar, Hyderabad, KAR MOBILES LTD., Bangalore, UCAL FUEL SYSTEMS LTD., Pondicherry, UCAL MACHINE TOOLS LTD. Maraimalai Nagar, BRAKES INDIA LTD., Padi, Nanjukkud, TALBROS AUTOMOTIVE COMPONENTS LTD., Ambattur, CARBORUNDUM UNIVERSAL LTD., Chennai, CUTFAST ABRASIVE TOOLS LTD., Chennai, AEIP PRECISION PRODUCTS LTD., Maraimalai Nagar, TECUMSEH PRODUCTS (I) LTD., Bala Nagar, Hyderabad, SUNDARAM CLAYTON LTD., Padi, Chennai, ADDISON & CO. LTD., Chennai, DELPHI - TVS DIESEL SYSTEMS LTD., Tamil Nadu.

We wish to extend our service to your esteemed organisation. We look forward to your valuable enquiries, we are eagerly waiting for an appointment with your concerned authority in this regard.



MONEE ENTERPRISES

(MANUFACTURERS OF INDUSTRIAL AIR POLLUTION CONTROL EQUIPMENTS)

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