

MEC SHOT BLASTING EQUIPMENTS PVT. LTD.

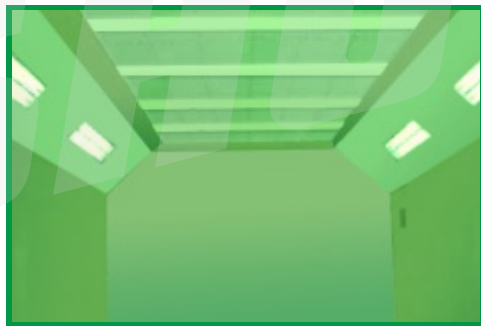
[An ISO 9001:2015 & 14001:2015 Certified Company]



Air Operated & Airless Shot Blasting Machine • Shot Peening Machines • Blast Room • Paint Booth • Baking Oven • Dust Collector

DOWN DRAFT PAINT SPRAY BOOTH

MEC SHOT Fully Enclosed **Down Draft Dry Type Paint Spray Booth** are designed to provide efficient, flexible and clean spray painting. The health and explosion hazardous paint fume particles are sucked by partial vacuum created by centrifugal fan through filters. Thus air discharge into the atmosphere is clean and there is no sludge disposal as found in normal Wet Spray Booth.



“Spraybooth is an investment that pays rich dividends by providing superior quality finish, increase in productivity & better working conditions.”



DESIGNED TO YOUR REQUIREMENTS

We offer a variety of spray booths engineered to your specific requirements

- DESIGN SPECIFIC TO JOB SHAPE & SIZE.
- DESIGN TO FIT IN GIVEN SPACE LIMITATION.
- DESIGN UPTO REQUIRED AUTOMATION LEVEL.
- DESIGN TO MEET THE POLLUTION CONTROL NORMS.

Our advanced computer-aided design (CAD, PRO-E, CATIA) & skilled engineers maximize our ability to customize the end product, conformance to exact emission and operating specification.

CONSTRUCTION & DESIGN

The practical expertise enables us to design the Down Draft Type Spray Booth with superior performance. The spray booth is modular in construction so that booth can be easily installed, modified or integrated into complete plant. Moreover, the unit meets OSHA's safety requirements.

SALIENT FEATURES

- No sludge disposal.
- All modular construction.
- High particulate removal efficiency.
- Healthy and pollution free work environment.
- Access door window is with clear toughened glass.
- The efficient centrifugal fan guarantees superior air movement & quiet operation.
- Special design of intake & exhaust filtration provides for even air movement inside the booth.



ESSENTIAL ELEMENTS OF SPRAY BOOTH

EXHAUST FAN MOTOR

Down Draft Type Spray Booth is with high efficiency exhaust fan to suck the fume and particulate matter in spray zone.

INLET AIR FILTER

Incoming air is filtered through Pre Filters. Filtered air then passes through After Filter as well. Filter media for After Filter is non woven-spun bonded suitably supported with expanded mesh.

DISPOSABLE TYPE PAINT TRAP FILTER

Special disposable type fiber glass paint trap filters for trapping over sprayed paint is fitted below the floor grating. Trap filters are supported on expanded mesh. Floor grating will be provided on the top of paint trap filter.

- Low resistance to air flow
- Easily replaceable
- Economical

BENEFITS AT GLANCE

ENHANCE QUALITY OF WORK

Remove over spray effectively, thus eliminate its setting on wet painted components.

OPERATOR COMFORT & HEALTH

Provides clean air to the operator, taking away optimized paint particles through the exhaust.

SAFETY

Spraying paint may involve fire risk from both solvent vapours and continuously over spray deposits. A risk eliminated by using a spray booth.

LAW

In compliance with stringent pollution control norms.

INCREASE PRODUCTIVITY

Decrease operating cost due to elimination of water curtain chemical, maintenance & electrical cost.

ENVIRONMENT

Eliminate hazardous sludge disposal.



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