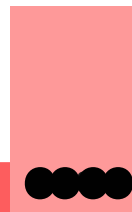




DaTo



PBBBCF124

HEAVY DUTY

PAINT BOOTH

INTRODUCTION:

DaTo Delivers the industry's most comprehensive line of Paint booth and finishing Equipment's. DaTo Heavy duty Paint booth are designed to produce the superior Quality finish In the Most Efficient manner. DaTo Heavy Duty Paint Booth is suitably designed to paint buses, trucks and commercial vehicles in a clean and dust free environment assuring perfect painting and quick drying.



Key Features:

Four Doors of 1m width and 4m height providing a drive way of 4X4m; foldable and with individual locks from inside.

4.5m internal cabin height assuring ample space for the technician to paint the roof of the vehicles.

Two Painter entry doors provided for quick and easy commuting of the technicians in and out. One entry door in the front and one in the rear.

Roller Shutter separation in the middle of the painting room, option of converting the heavy duty paint booth as 2 partitions for individually painting 2 light duty vehicles separately

Equipped with 2 burners made in Italy that provides heating to the drying chamber.

Controlled via 3 Control panels – 2 individual controls for separately operating the Roller Separated Painting areas and one MASTER Control for synchronizing operating both the painting areas at the same time.

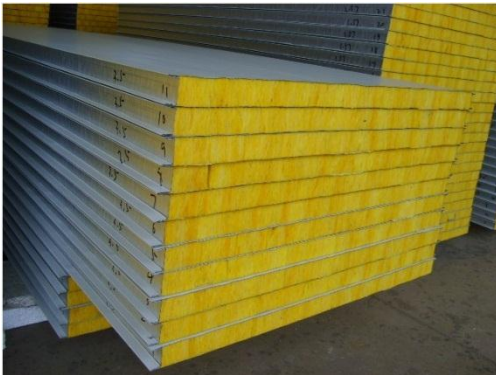
Clear Floor installation avoiding all hassles and cost of Civil works in site. Side suction throughout the entire wall length on both sides filtered by premium Air Filters assures dust free and prevents over spray

Equipped with 4 powerful blowers of 11.5KW each working on Star/Delta system reducing starting current consumption and load on the Electrical Systems.

Details:

Sandwich panels:

Poly Ethylene (PE) insulating material sandwiched by metal sheets of 0.426mm providing total thickness of 75mm per sheet. Horizontal installation provides ease of handling. Assuring high thermal insulation where in the cost of Diesel usage and the burner running time is considerable reduced as the heat once generated does not cool down that faster.



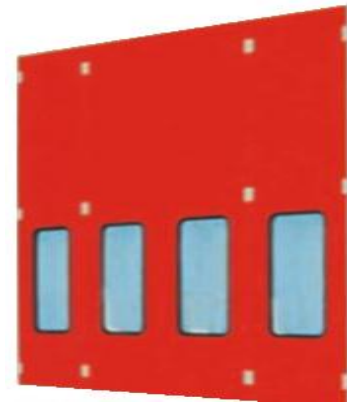
The paint booth comes along with 2 rows of Wall Panels with Lights in addition to the lifts on the roof side providing more luminosity for the painter for painting the sides and the running board as well.

Doors:

There are two types of Doors equipped with the PBBCF124 Paint Booth, namely the Vehicle Entry Door and the Passenger Entry Door.

There are 4 doors of 1 m width and 4m height for the vehicle entrance provided in the front side of the paint booth. Gantry clearance is 4m.

There are 2 side doors fixed one on the rear and one on the front side for the Painter to comfortably come in and go out during the painting phase.



Illumination:

The paint booth provides total fluorescent illumination with Electronic Ballast and is provided with 3 rows of illumination:

The Roof illumination consists of 4 Tube lights of 40W in each sets totally comprising of 10 sets in each side. Totaling 1600W

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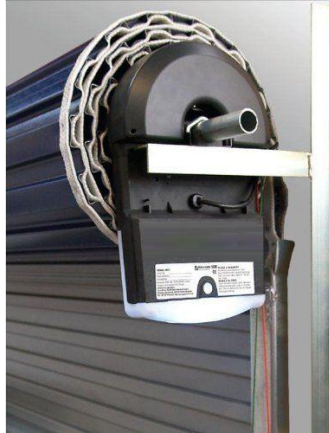
Mid Lights: 4 sets of 40W Tube lights on each side comprising of 160W

Side Lights: Horizontally placed 4 sets of 40W Tube lights on each side comprising of 160W

Total Illumination is evaluated as 460,800 candela/lumens

Electric Roller Shutters:

The Electric Roller Shutters provided are remote controlled and is located in the middle portion of the Paint Booth. Hence whenever it is required to paint a Car it is not necessary to run the entire paint booth.



As simple as the click of a remote button you can roll the shutters down to separate it into a light duty vehicle painting and drying booth there by providing convenience and cost effective painting facilities.

Thermal protective (sandwich insulated material) Roller Shutter material and durable and silent operation of the Electric motor, provides comfort and harmonious working atmosphere.

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HEATING SYSTEM:

The heating system could be well classified into 2 sections as to high light the Heat Generation and Heat Transferring.

HEAT GENERATION:

In full running condition of the paint booth the 2 RIELLO **RG55** – Italy made Diesel burners ignites itself automatically gushing heat into the heating chamber where in the thermal stainless steel heat



exchanger is situated.

HEAT TRANSFER

The heat transfer happens in the Thermal Heat Exchanger, a closed entity constructed of robust stainless steel sheet metal absorbing the heat generated from the Burners and transferred to the cold air pushed and passing through it from the Blowers to the Paint Booth Roof Inlet.



SPECIFICATION:

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Parameter	Heavy Duty (PBBCF124)
Overall Dimension (m)	15.2 * 6.6 * 5.0
Inner Dimension (m)	15 * 5.0 * 4.4
Drive Through Door Width (m)	4.0
Drive Through Door Height (m)	4.0
Steel Plate Thickness (mm)	0.476
Filtrated Area (m ²)	49
Air Flow Volume (m ³ /h)	72000
Air Velocity within booth (m/s)	0.3 ~ 0.5
Ventilation Times (times/hr)	264
Working Temperature (°C)	60°C ~ 80°C
Oil Consumption (kg/set)	18 ~ 30
Insulation Material of Wall Panel	PE
Power (KW)	50
Main Blower	Two units 11.5 KW Professional Blowers & Two Units 11.5KW Professional Blower
Eco Friendly System	Optional
Second Row Nether Lighting	Equipped with 16 sets



Thank you

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