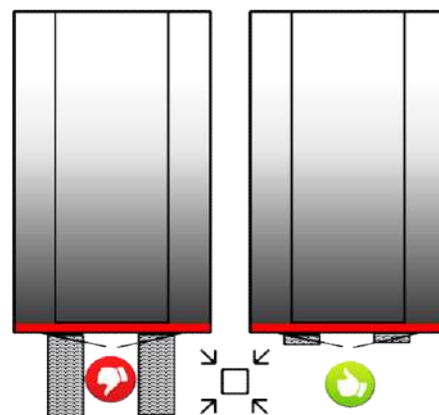


**PAINT BOOTH 7 M WITH EXTRA WIDE
TWIN TURBINE WITH WATER BASED
PAINTS DRYING SYSTEM**

MODEL - 7 DeMB-ATD



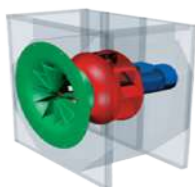
- Super efficient air generation systems using axial reverse blade turbine fan
- Power consumption is very low due to fan being directly coupled to motor drive shaft
- Hinged filter frames allow for quick filter change
- The ergonomical design of the Master control panel makes the technology of the booth easy to operate
- Programmable work cycle settings are simple to program
- Extremely fuel efficient system using Partial Air Exchange PAE hot air re-cycling system
- Proven Design and Economics at many major body shops
- Completely manufactured on latest generation CNC machines using pre-coated sheet metals.
- Inside, Outside sheet metal in White colour
- Front three folding door with new locking system and imported anti-panic systems fitted
- Even illumination



**Foot Print Space Saver due to
Inbuilt Ramp**

HIGHLIGHTS

TURBINE ASSEMBLY



The air Generator is a direct mounted reverse blade turbine powered by a 7.5 HP motor.

UNIQUE HEAT EXCHANGER



Enables the desired temperature to be quickly reached;

Stainless steel material in teardrop shape allows more efficient heat transfer ensuring diesel fuel economy

HIGHLIGHTS

DAMPER SYSTEM









Aluminium extruded louvers with Nylon gears for rust free air inlet driven by Swiss made Damper Motor.


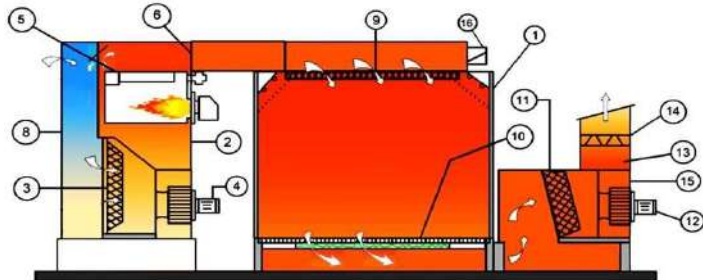
CONTROL PANEL



TECHNICAL SPECIFICATIONS

BOOTH		PHOTOS
DIMENSIONS EXTERNAL		
Length A	7150 mm	
Width B	3890 mm	
Height H With Basement	3430 mm	
DIMENSIONS INTERNAL		 
Length A	7000 mm	
Width B	3790 mm	
Height H	2500 mm	
INBUILT INCLINED STEEL BASEMENT (WITH SELF LEVELING SYSTEM)	Height 330mm, self-leveling, Galvanized plate periphery and internal structure self-levelling; N° 1 row of galvanized gratings, grid size mm.780 x 997	
WALL PANEL	RAL 9010/white painted inside and outside Walls 50 mm (Galvinised Finish) with double skin, insulated panels Self Supporting Modular Panels, Double skin Sand witched type. Galvanized pre-coated and PVC protected steel sheets used .Long Glass Fiber Felt for Insulation, Thermo hardening Resin Fire Retardant.	




		PHOTOS
DOORS	Vehicle access door with 3 windowed wings – mm. 2880W x 2570H with anti-panic system; RED colour unless specified	
HOT AIR RECIRCULATION	INCLUDED, NEW PARTIAL AIR EXCHANGE TYPE	
AIR DIFFUSER	YES	 <p>Air Handling Unit (AHU)</p> <p>Motorized Extraction System</p> <p>Air Handling Unit (AHU)</p>
FAN TYPE	REVERSE BLADE TURBINE DIRECT MOUNTED	
LIGHTING / LUX	32 x 18W + 8 x 18W LED TUBE / Approx. 800 LUX	
FAN TYPE	REVERSE BLADE TURBINE DIRECT MOUNTED	
MOTOR CAPACITY		
INTAKE	1 x 5.5 Kw / 7.5 HP 21,500 m3/h	
EXHAUST	1 x 3.7 Kw / 5 HP	
PARTS HANGER	Included	
HEAT EXCHANGER	Upto 155Kw One stage Oil Burner, Air re-circulation system, Galvanised plate external structure, Aluminized steel heat exchanger for diesel oil burner Cycle change-over electric damper N° 1 air intake regulation electric damper full auto loovers not needed N° 1 air exhaust regulation manual damper	
INTAKE DAMPER	Electric	
EXHAUST DAMPER	Manual	
CONTROL PANEL	24V Automatic	

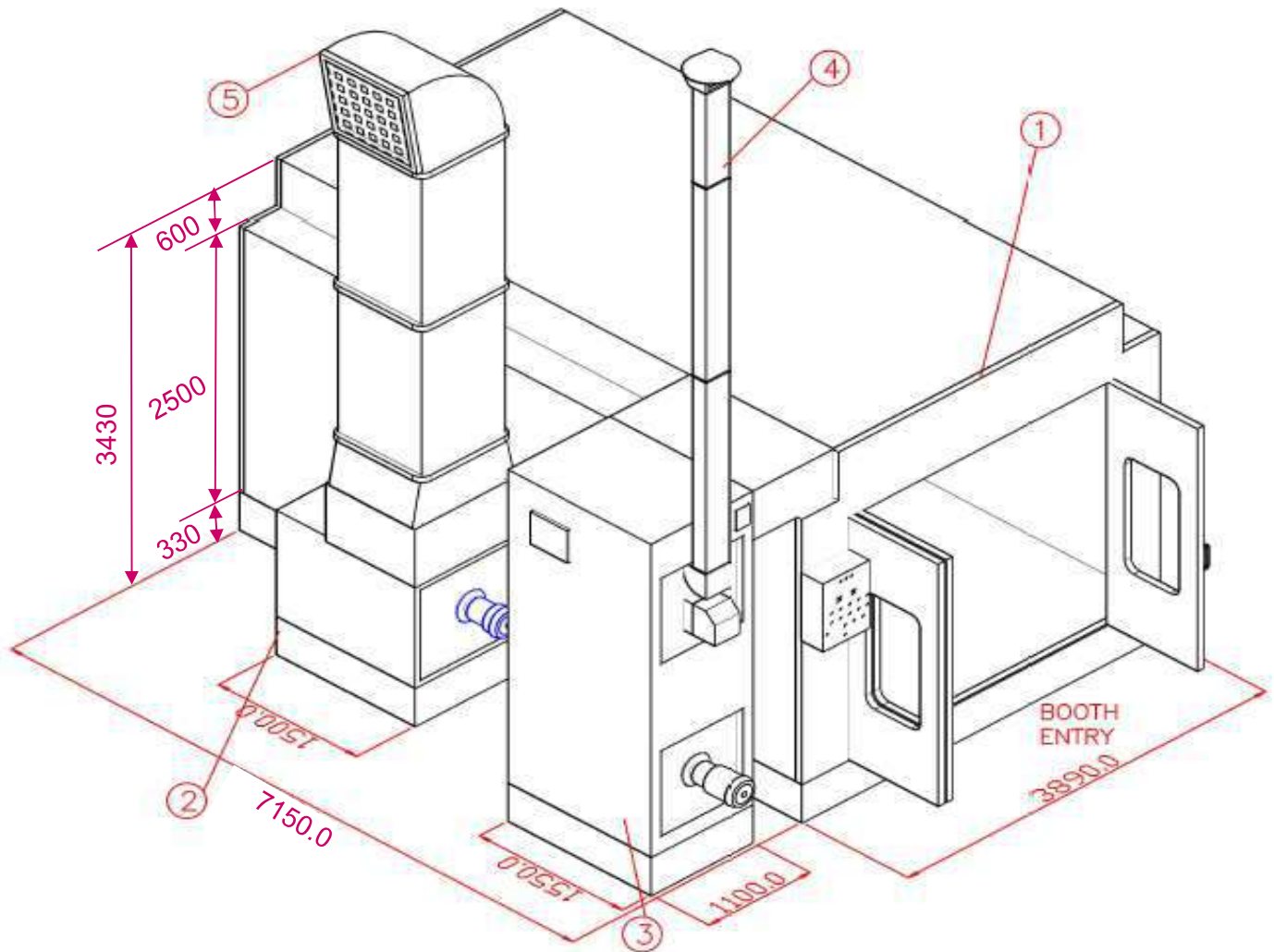
		PHOTOS
FILTRATION	<p>Ceiling :Progressive Density acrylic fiber Adhesive action, F5 class, Acrylic .non-flammable,</p> <p>Primary: NON -Wooven acrylic Fiber non-flammable, 8-pocket,G4 class;</p> <p>Extraction: NON -Wooven acrylic Fiber non-flammable, 7-pocket,G3 class;</p> <p>Paint Stop: Progressive Density Glass acrylic, G3 class.</p>	 <p>OVER PRESSURE MANOMETER</p>
TOTAL POWER	12.0 Kw	
PARTIAL AIR EXCHANGE SYSTEM (for Fuel Economy and Efficiency)	<p>BAKE CYCLE</p>  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1 SPRAY BOOTH 2 HOT AIR GENERATOR 3 PREFILTERS 4 AIR SUPPLY MOTOR 5 COMBUSTION CHAMBER 6 SAFETY THERMOSTAT 7 REVERSE CYCLE DAMPER 8 INSPECTION DOOR</p> </div> <div style="width: 45%;"> <p>9 BOOTH CEILING FILTERS 10 UNDER-GRATING FILTERS 11 EXHAUST UNIT FILTERS 12 AIR EXHAUST MOTOR 13 AIR EXHAUST DUCT 14 AIR EXHAUST DAMPER 15 EXHAUST UNIT 16 OVERPRESSURE DAMPER</p> </div> </div>	

OPTIONAL

REVOLUTIONARY CONCEPT - AIR TUBE DRYING SYSTEM (ATD)

- Speeds up drying times of basecoat and HS clear coatswith 30 to 50%
- Increase of productivity – reduction in energy costs
- Enhancement of the drying process – extra comfort for the sprayer
- Displacing 5000 m³/h only consuming 1,5 Kw for each side

AIR TUBE DRYING SYSTEM (ATD)		  
ELECTRIC MOTOR		
Electric Power	1.5 Kw x 2	
Air displacement	5000 m³/h x 2	
Air spraying adjustable jet outlets	24 Nos.	



LEGEND

- | | |
|-------------------------------|---------------------------------|
| 1 - PAINT BOOTH | 2 - EXHAUST UNIT |
| 3 - GENERATING UNIT | 4 - BURNER CHIMNEY NOT INCLUDED |
| 5 - EXHAUST DUCT NOT INCLUDED | |

* Specifications subject to change without notice

** Images shown are for representation purpose only. Accessories & features shown in the picture may not be part of the standard equipment

PRECISION TESTING MACHINES PVT. LTD.

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