

Ieutec-O Spray Booth

Working Size: 7x4x2.8M

Basement

Height is 300mm. 3 rows with loading 600kg loading weight per wheel. 2 ramps with 520x2,000mm (WxL) size. Covered Plate is made of bended galvanized steel. Supporting Frame is made of galvanized square steel tube.

Cabin

Inside Size: 7,000x4,000x2,800 mm (LxWxH)

Outside Size: 7,110x5,300x3,600 mm (LxWxH)

Entrance Door: 3-leaf, size is 3,000x2,700mm(WxH), made of bended steel without covered edge, with tempered glass embedded into square frame made of color steel, equipped with 2 sets of pressure lock.

Personnel Door: 1 unit, size is 800x2,000mm(WxH), equipped with down-pressure emergency lock.

Wall Panel : 50mm EPS insulation and covered by double steel pre-painted plate, 1M wide, male-female pre-assembled sides are covered by steel for much stronger.

Roof Panel: Made of 0.6mm thick bended galvanised plate.

Ceiling Light : 10 fixtures, 4pcs of 36W Philips tube (total 40pcs) in each fixture with specialized electronic ballast. Plenum: 500mm high, all spare parts are made of galvanised bended steel and treated by white paint for long using life.

Intake and Exhaust Air Units

Cabinet Frame: made of bended galvanized steel and corner connection is made of aluminium alloy, the heating cabinet panel is made of steel and with rock wool insulation for heat reservation, the fan cabinet is made of steel and with EPS insulation.

Heating System: Riello G20 diesel burner, max heat productivity is 200,000Kcal/h. 200KW heat exchange made of high efficiency 1.5mm stainless steel (1Gr18Ni9Ti, SUS304), multi-cycle rhombic heatsink, pneumatic actuator execute the conversion between spraying and baking.

Air Intake: 1pc of outer roter double intake centrifugal fan (YDW5.6M), inner motor power is 7.5KW, air capacity is 20,000-22,000 m³/h, air speed is 0.3m/s.

Air Exhaust: 1pc of outer roter double intake centrifugal fan (YDW5.6M), inner motor power is 7.5KW, air capacity is 20,000-22,000 m³/h. Handed actuated for controlling the air capacity.

Equipped with Exhaust Air Duct (4M straight duct, 1pc 90° elbow duct and 1pc 30° elbow duct).

Filtering System

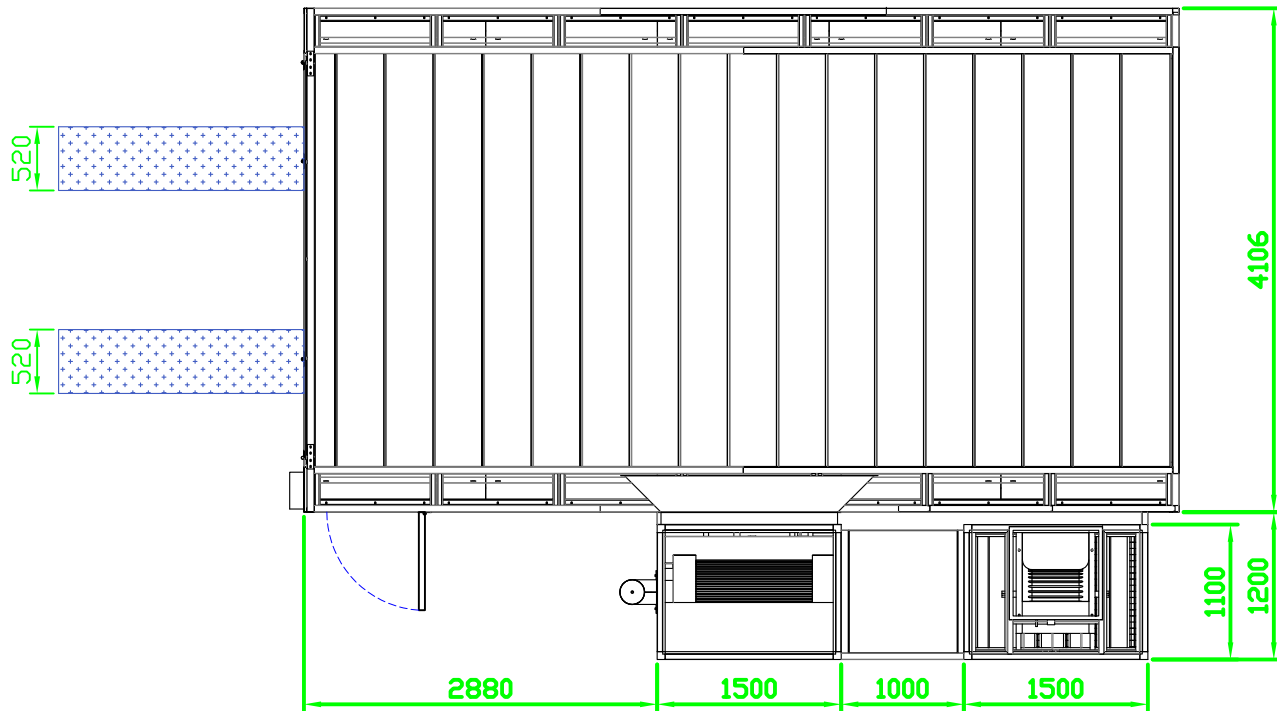
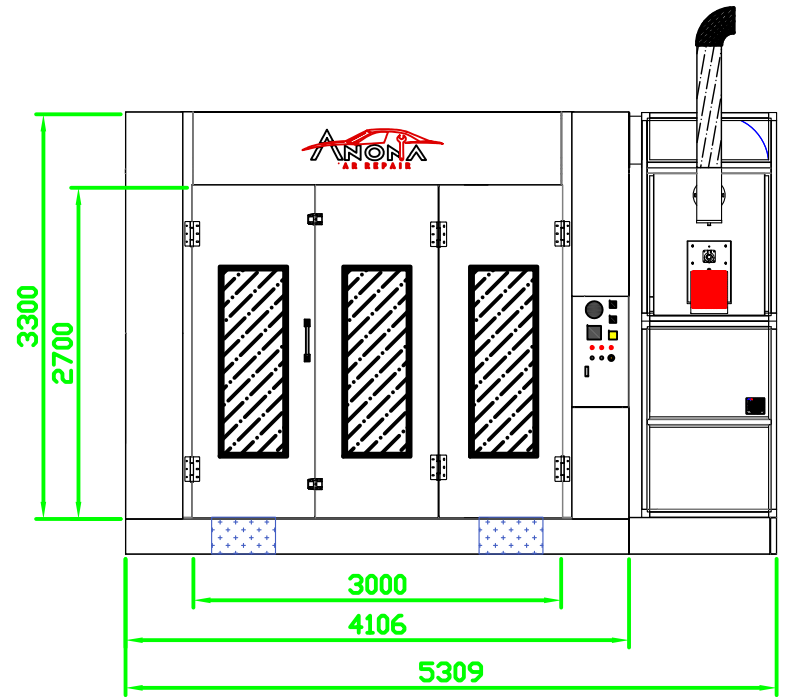
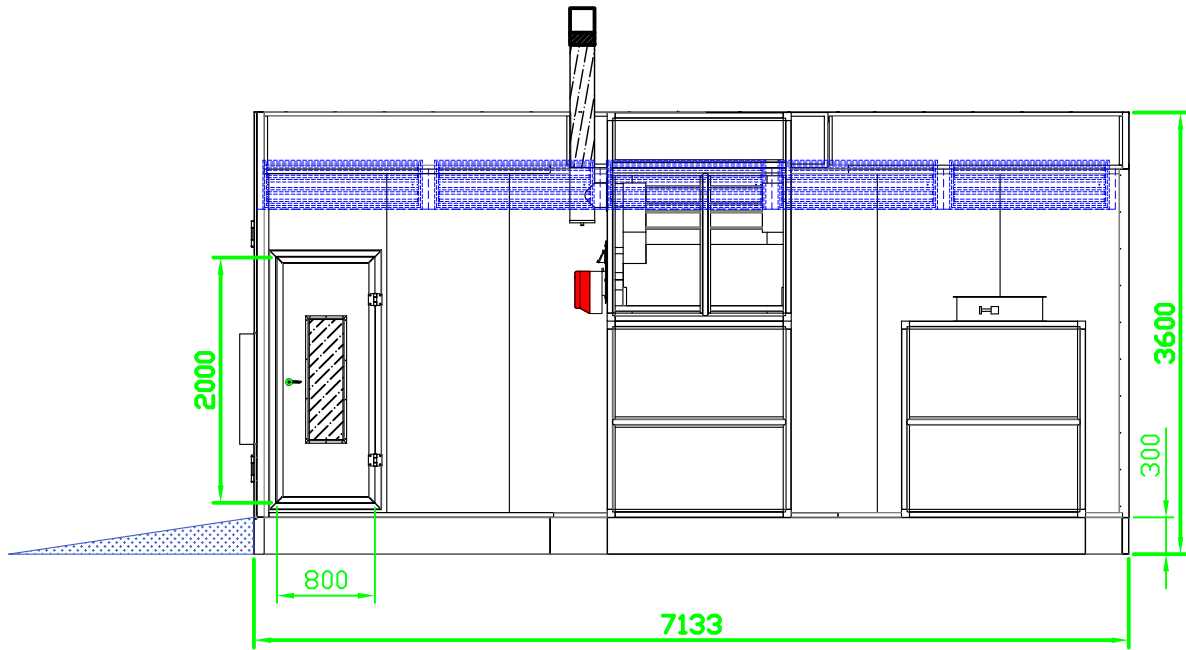
- 1) Pre-Filter: anti-fractured PET organic synthetic fiber, G3 Grade(EN779), filtering area is 1.2m².
- 2) Ceiling filter: with gradient density structure, fully impregnated with adhesive treatment: F5 Grade (EN779), filtering area is 23m².
- 3) Floor Filter: fiberglass filter, G3 Grade (EN779), installed under grilles and bottom of air exhaust system.
- 4) Exhaust filter: activated carbon filter, POCKET frame, can absorb the benzene and xylene.


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Control System

Spray, heating spray, baking, baking time set, light switch, failure indicator, temperature controller, power switch, emergency stop, hours, pressure gauge.



DESIGN NO	Ieutec-o			
PRODUCT NAME				
INSIDE SIZE	7000 X 4000 X 2800	DATE		
DESIGNER		SCALE		
AUDITOR				