Ji'nan ShengTai Painting Equipment Co.,Ltd.
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Automotive Spray & Curing Booth STC30

Category	Item	Basic Configuration	Optional
Size	Outside size	7000*5250*3400mm (L*W*H)	Customizable size
	Inside size	6900*3900*2650mm (L*W*H)	Customizable size
Door	Entrance door	3 high-strength sheet metal doors, size: 3000 * 2600mm (width * height), sandwich anti flame retardant EPS board, covered with special protective film on the surface	Optional four glass doors, additional charge
	Work gate	Size: 750 * 1900mm (width * height), aluminum alloy edge wrapped safety work door, door panel material 50mm thick flame-retardant EPS board, equipped with observation window and pressure lock. Default color is the same as the wall panel color	Customization with additional fees
Housing System	Top	Purification room with a height of 450mm, ceiling filter frame filled with high-quality filter cotton	–
	Wall Panel	50mm socket type flame-retardant EPS insulation board, 0.42mm color steel plate	EPS/rock wool board optional
	Roof	Top plate made of 0.8mm galvanized bent iron plate	–
	Bottom structure	Equipped with 2 steel grilles and 3 patterned plates; support frame with floor filter cotton under the steel grating; 2 sets of ramp platform (dimensions: 750 * 1800mm (length	① Optional 3 grilles+2 panels or full grille ② 3 sets/4 sets of

		* width)); step platform at the safety gate	climbing platforms optional
	Base	300mm high, high quality galvanized sheet (thickness: 1.0mm), powder coated (default color: galvanized silver pink)	–
Ventilation System	Ventilation mode	Send upwards and suck downwards; air inlet at the top, exhaust outlet at the bottom, paint mist exhaust gas discharged through the lower chamber	–
	Inlet fan	2 * 4kw double inlet centrifugal fan, total air volume: 25000m³/H	–
	Outlet fan	1 * 7.5kw centrifugal exhaust fan, air volume: 22000m³/H	–
	Pipe fitting	Equipped with 4 rectangular air ducts, 1 90° elbow, 1 45° elbow	–
	Wind speed & Ventilation rate	Loaded wind speed: 0.25 m/s; Ventilation rate: 280 time/h	–
	Occurrence of box	Installed on the side of the building, welded frame with sprayed treatment (default color same as the door color), filled with rock wool board in the middle	–
Heating System	Heating method	Fuel heating + heat exchanger; double–layer stainless steel material heat exchanger adopted	–

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	Fuel heating	Italian RIELLO G20 gas burner, Heating capacity: 180000Kcal/h, Heating time: 6–8 minutes (20–80°C)	–
Lighting System	Overhead lighting	8 sets of 4 x 16w LED high–efficiency energy–saving lamps, galvanized sheet painted light box shell; ceiling installed at a 45 degree angle on both sides	–
	Side lighting	10 sets of 1 x 60w LED high–efficiency energy–saving lamps, vertically installed	–
Filtration System	Air inlet filtration	G3 level, filtering effect>83%	–
	Top filter	EU5 level efficient filtration, filtering effect>98%, ventilation cotton filtration	–
	Bottom filtration	Multi layer glass fiber cotton, filtering effect>70%	–
	Box paint mist filtration	Activated carbon cotton filter	–
Electric Control System	Control panel	Intelligent electronic control system	–
	Function	Lighting/temperature time setting/painting/constant temperature painting/baking paint/emergency stop/fault alarm	–
	Total power	16.6kw	–

	Voltage & frequency	380V，50HZ，3PH	Optional

Equipment Advantages

1.Excellent working environment and extremely high work efficiency: Work efficiency is several times or even dozens of times higher than manual labor. The paint surface is smooth, uniform, and free of impurities.

2.Healthy materials: It saves space and is convenient to use. At the same time, it can forcibly dry the primer and topcoat, accelerating work rhythm and increasing work power.

Please provide detailed information so that we can provide you with a more accurate solution:

1.What are the Maxminum and Minimum dimensions of your workpieces (L × W × H)?

2.What is the maximum weight of each workpiece? If available, please also provide product photos.

3.How many workpieces do you plan to coat per day (based on 8 or 16 working hours) or per month?

4.Which heating source do you prefer, such as electric power, diesel, fuel oil, or natural gas?

5.What are the dimensions of your workshop (L × W × H)? If possible, could you share a

layout or drawing of the facility?

6.Prior to coating, do you require spray pre–treatment to prepare and clean the product surface?

7.What voltage and frequency standards are used in your country?

Please also share your WhatsApp or another instant messaging contact so we can communicate more efficiently.

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