Ji'nan ShengTai Painting Equipment Co.,Ltd.
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Manual powder coating booth oven ST-MPCL-4512

I: Manual Powder Spraying Room+Powder Spraying Gun

External dimensions: L4500 x W1000 x H2100mm.

Internal dimensions: L3700 x W1000 x H1700mm.

Lighting system: 24w LED explosion-proof lights,4 sets, 8 pieces of lights tubes.

Booth body: 1.2mm thick galvanized sheet.

Powder recovery system: Pulse airflow backflow cleaning system

Filter cartridges: diameter 320 × 600 in each room, 12 pieces.

Ventilation system: 2 sets of 4kW (4-72-4A) centrifugal fan for each booth.

Exhaust duct: 0.8mm galvanized sheet, cross-section of 400 x 400 (mm), 4-meter long exhaust duct and 2 elbows;

Powder spray gun and powder bucket: Included.

II: High Temperature Oven

External dimensions of the furnace: L4000 x W2000 x H2800mm. 100mm thick rock wool insulation board, 0.526mm color steel plate, 1.2mm thick steel plate with edge wrapping, assembled structure.

Gate size: Manual sliding door, W1800 x H2000 (mm)

Hot air stove (1 set): 1800 x 1300 x 1300 (mm), 100mm thick rock wool insulation board; Install one set of 75kW stainless steel electric heating rods inside the furnace; 1 plug-in high-temperature resistant fan (air volume: 7000m3/h, power 2.2kw)

Circulating air duct: Cross section 1000 x 250 (mm), 0.8mm galvanized steel plate and square pipe structure, 2 pieces of 3 meters of length .

III: Conveyors and Support Frame.

Activity track: C-shaped structure, cross-section 80 x 80 (mm), 3.5mm thick steel plate, 4 sets of 4 meters of length .

weight loading capacity: 200KG.

Load bearing track: 5 # angle iron, 3.8 meters long; 2 items. weight loading capacity: 200KG.

Fixed track: C-shaped structure, cross-section 80 x 80 (mm), 3.5mm thick steel plate, length 5 meters; 8 sets.

weight loading capacity: 200KG.

sliding trolley: 4-wheel structure

maximum single load capacity： 100KG; 20 sets.

Sliding wheel: iron structure, load capacity 100KG; 8 sets.

Support column: 100 x 100 carbon steel square tube, 2800mm of height ; 8 sets.

Supporting crossbeam: 100 x 100 carbon steel square tubes, 1.3 meters /3.8 meters length.

Manual push rod: 50 x 50 carbon steel square tubes, 1 set.

IV: Electric control box, 2 sets

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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