Ji'nan ShengTai Painting Equipment Co.,Ltd.
Address: East of the intersection of Dongwaihuan Road and Wenhua Road in Wenden Village, Diaozhen Street, Zhangqiu District, Jinan City,Shandong Province
Email: sales@stpowdercoating.com WhatsApp:+8615854139190

PP Board Cyclone Recovery System ST-APC-R5223

Powder coating is a process in which the coating material is sprayed from an electrostatic powder spray gun. During dispersion, the powder particles are negatively charged. These charged particles are then driven by airflow (or other forces such as centrifugal force) and electrostatic attraction to adhere to the grounded workpiece, followed by heating, melting, and curing to form a film. Electrostatic powder spraying is the predominant powder coating method in the industrial finishing field.

No	Name	Specification	Unit	Quantity	Note
I	PP Board Spraying Room	5000*2200*3200; Entrance size W900*H2000	Set	1	Gantry not included
	Chamber Wall	8mm PP board welding, Sandwich structure (100mm), One side with 2 gun positions	Set	1	
	Chamber Base	5000*2200*700	Set	1	Stainless steel + square tube
	Flip Plate	2000*500	Set	1	PP Board
	Reverse Blowing		Batch	1	Aluminum alloy
II	**Large Cyclone**	**Φ1100*3955 powder coated**	**Set**	**1**	**ShengTai**
	Connecting Duct	Φ480 powder coated	Batch	1	Carbon steel 1.5mm
	Connecting Duct	100*100*2	Set	1	Powder coated
	Cone body		Set	1	With cylinder
	Powder Return Pump		Set	1	304
	Powder Return Pipe	Φ28	米	10	Anti-static
III	**Powder Return Pipe**	**1500*1800*5200**	**Set**	**1**	**Carbon steel 2.35mm**
	Rotary Wing	1200	Set	9	Customized
	Filter Cartridge	Φ325*600	Set	18	Customized coated

	Fan	22 kW	Unit	1	Sanyi
	Solenoid Valve	1 inch	Set	12	
	Flameless Venting Valve	210*320	Set	1	With certificate + insurance
	Explosion Isolation Valve	Φ500	Set	1	With certificate + insurance
	Air–Lock Discharger	200*200	Set	1	Explosion–proof
IV	**Control System**	**Chamber lighting, Flip plate, Reverse blowing, Secondary recovery,Pulse power supply, Discharger, Spray gun power supply, Powder supply center, Reciprocator power supply**	**Set**	**1**	**PLC**
V	**Spraying Equipment**		**Set**	**1**	
	Reciprocator	Stroke 1500	Unit	2	
	Automatic Gun		Set	4	
	Electrostatic Cabinet		Set	1	
	Powder Supply Center		Unit	1	

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.

Website: https://www.stpowdercoating.com

Address: East of the intersection of Dongwaihuan Road and Wenhua Road in Wenden Village, Diaozhen Street, Zhangqiu District, Jinan, ShanDong, China, 250000

WhatsApp: +86–15854139190;

WeChat/Telegram: +86–15098917702

Email: sales@stpowdercoating.com