



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@stpoudercoating.com WhatsApp:+8615854139190

I	Manual spray painting line	Main Equipment Details		
No.	Product specifications		Quantity	Unit
1	Conveyor Line	Guangda	1	set
1)	Conveyor Chain	Heavy-duty die-forged chain XT-100, single-point lifting capacity 200KG	205	m
2)	Conveyor Track	National standard 10# I-beam	190	m
3)	Vertical Column	120*120 & 3.75 square tube	1	set
4)	Horizontal Track Elbow	R=600*180°manganese steel construction	3	set
5)	Power Unit	Crawler drive, 7.5KW drive motor, variable frequency speed control	1	set
6)	Tensioning Device	Counterweight tensioning, R=1000*180°, manganese steel construction	1	set
7)	Lubrication	Manual refilling		
9)	Tensioning Kit	L=0.6米	2	set
10)	Tensioning Bracke	120*120&3.75 square tube	1	set
11)	Power Bracket	120*120&3.75 square tube	1	set
12)	Incline/Decline Sections		2	set
13)	Primary Hanger	Slider hanger, 600mm spacing	340	set
14)	Secondary Hanger	provided by customer		
2	Manual spray Booth	L6000×W2200×H2800	1	set
1)	Dry Paint Mist Recovery Cabinet	L3000×W1000×H2400	2	set
2)	Enclosure Material	50mm thick fire-resistant composite panel	1	set
3)	Enclosure Frame	40*60*1.5 galvanized square tube	1	set
4)	Filtration System	Paper labyrinth cartridges	32	set
5)	Paper labyrinth cartridges	40w*2 lamps	1	set
6)	Auxiliary Materials		1	set
7)	Floor Grating		1	set
8)	Casing Panel	Made of 1.2mm 304 stainless steel plate	1	set
9)	Sealing at Contact Points	Silicone weatherproof waterproof sealant	1	set
10)	Air Induction & Exhaust Duct	Φ 600/500	1	lot
11)	Duct Fittings		1	lot
12)	Leveling & Isolation Room	8m*2.5m*2.5m (fire-resistant clean panel construction)	1	set
13)	Paint Mixing Room	3m*1.5m*2.5m (fire-resistant clean panel construction)	1	set
3	Paint Mist Treatment Equipment		1	set
1)	Induced Draft Fan	4-72 22kw (Variable Frequency Drive)	1	Units
2)	Dry Filter	Three-stage fiberglass frame filter + 1 layer of adsorption balls	1	set
3)	Activated Carbon Environmental Protection		1	set
4)	Air Duct	Φ 600/400	1	set

No.	Product specifications		Quantity	Unit
5)	Duct Fittings		1	set
4	Preheating/Drying Curing Oven	Drying&Curing : L13000*W6200*H2100	1	set
	workpiece preheating	L10000*W1500*H2100	1	set
1)	Furnace Casing Material	Constructed with rock wool panels (δ 100mm, density 100kg/m ³)	1	set
2)	Rock Wool Panel Outer Sheet	Made of &0.5 color-coated plate	1	set
3)	Rock Wool Panel Inner Sheet	Made of &0.5 galvanized plate	1	set
4)	Furnace Base Plate	Constructed with rock wool panels (δ 100mm) + profile underframe	1	lot
5)	Furnace Structure	Bridge-type elevated structure (undercarriage 2.0m)	1	Units
6)	Furnace Underframe	Galvanized square tube 100*100*&2.5mm	1	set
7)	Auxiliary Materials	Rectangular iron tube 40x60, Material: SS41-t1.5mm	1	set
8)	Furnace Outer Corner Trim: Painted galvanized sheet, Material: SS41-1.2	Painted galvanized sheet, Material: SS41-1.2	1	set
9)	Furnace Inner Corner Trim: Galvanized sheet, Material: SS41-1.0	Galvanized sheet, Material: SS41-1.0	1	set
5	Heating System	150+54kW Electric Heating	1	set
1)	Heat Exchanger	Finned Heating Tube	1	lot
2)	High-Temperature Wire	10m ²	1	lot
3)	Support Bracket		1	lot
4)	Connection & Fixing Components		1	lot
5)	Busbar	Copper	1	lot
6)	Temperature Control	Ambient - 80°C	1	Units
7)	Temperature Controller	RKC-700 Model Temperature Controller	1	Units
8)	Exhaust Vent	Natural Exhaust Vent	1	set
9)	Temperature Sensing Element	Taiwan-made CA Sensor, Accuracy \pm 5%	1	set
10)	Over-Temperature Alarm & Protection Device	Equipped with timer and alarm indicator	1	set
11)	Hot Air Circulation	Fixed-load Heat Preservation Silent Fan, Power: 7.5kW	1	set
12)	Hot Air Circulation Duct	Galvanized Sheet &1.0mm, External Insulation Required	1	lot
13)	Air Intake Duct	Galvanized Sheet, t=1.8mm	1	set
14)	Air Return Duct	Galvanized Sheet, t=1.0mm	1	set
15)	Duct Insulation		1	set
16)	Duct Air Damper		1	set
6	Manual Spray Gun	provided by customer		
7	Curing Waste Gas Treatment Equipment		1	set
1)	Activated Carbon Environmental Chamber	5000m ³ /h	1	unit
2)	Induced Draft Fan	4-72 5.5kw	1	unit
3)	High-altitude Duct Emission	ϕ 400/300	1	set
4)	Pipeline Accessories and Air Hoods		1	set

No.	Product specifications		Quantity	Unit
8	Electrical Control System		1	set
2)	Control System	PLC Touch Screen Control (Siemens)	2	set
3)	Control Electrical Components	All branded components – Schneider	1	lot
4)	Power Circuit	Using 2.5~10m ² power cables	1	lot
5)	Control Circuit	Using 1.0~1.5m ² wires	1	lot
6)	Overload Protection	Overload control for each motor	1	lot
7)	Operation Display	Display of conveyor operation status	1	lot
II	Manual spray painting line	Centralized Air Emission Equipment		
No.	Product specifications		Quantity	Unit
1	Conveyor Line	Standard	1	set
1)	Spiral Galvanized Duct	φ 600/800	1	batach
2)	Pipeline Fittings	Elbows, Flanges, Rain Covers, etc.	1	batach
3)	Fan	4-72 8c 45kw (Variable Frequency)	1	unit
4)	Fan Installation Platform	Made from 100*100*3.75mm Square Steel & 3mm Checkered Plate	1	set

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

- 1.What are the Maximum 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