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

I. Parameters of Powder Coating Line

No.	Specification / Model	Qty	Remarks
I	**Powder Coating Booth (6500*2400*3000mm)**	**1 Set**	
1	Wall Panels (8mm PP Board)	1 Batch	
2	Base (Stainless Steel + Square Tubing)	1 Set	
3	Pulse Jet Cleaning (Back-blowing)	20 Sets	
4	Flap Valves (PP Board)	1 Set	
II	**Large Cyclone Separator (1500*1500*4300mm)**	**1 Set**	
1	Main Body (1300mm Diameter)	1 Unit	
2	Support Stand (100*100*2mm)	1 Set	
3	Powder Recovery Pump (Stainless Steel)	1 Unit	
4	Powder Hopper	1 Unit	
III	**Secondary Recovery System (1500*2000*4500mm)**	**1 Set**	
1	Enclosure Cabinet	1 Batch	2.35mm Powder-coated Carbon Steel
2	Fan Motor (37 kW)	1 Unit	Brand: Sanyi
3	Fan Silencer/Acoustic Chamber	1 Set	50mm Sound-absorbing Cotton
4	Filter Cartridges (φ325*600)	12 Sets	
5	Rotary Wings (Cleaning)	12 Sets	
IV	Powder Coating Equipment	1 Set	
1	Manual Spray Guns	2 Sets	Brand: Taiben
2	Automatic Spray Guns	8 Sets	Brand: Taiben
3	Reciprocators	2 Units	1.5m Stroke
4	Electrostatic Control Cabinet	1 Unit	
5	Powder Feed Center	1 Set	

V	Curing Oven (23000*5200(5700)2400mm)	1 Set	
1	Wall Panels 120mm (120kg density)	400 m²	0.6mm (Outer/Inner) Compaction
2	Air Circulation Ducting	1 Set	0.8mm Galvanized Steel
3	Support Brackets	1 Batch	1001001.8
4	Sealing Plates (50mm Rockwool)	1 Batch	
VI	Heating System	1 Set	Electric
1	Heating Elements (Rods)	432 kW	
2	Support Frame	1 Set	
3	High-Temperature Wire	6 Coils	304*3mm
VII	Conveyor System	1 Set	Model: QXG-200
1	Conveyor Chain (Type QXG-200)	125 m	Brand: Jiangsu Yilong
2	Horizontal Curve (R1000*180°)	1 Set	
3	Linear Drive Unit (3 kW with Reducer)	1 Set	Brand: Jiangsu Yilong
4	Tensioning Device (Diameter 1000*180°)	1 Set	Brand: Jiangsu Yilong
5	Scissor-type Hangers/Hooks	625 Sets	200mm Spacing
6	Gantry Supports	1 Batch	1001002
VIII	Installation Accessories	1 Batch	
IX	Control Systems (Booth + Chain + Heat)	3 Sets	

II. Configuration Scheme of Powder Coating Line

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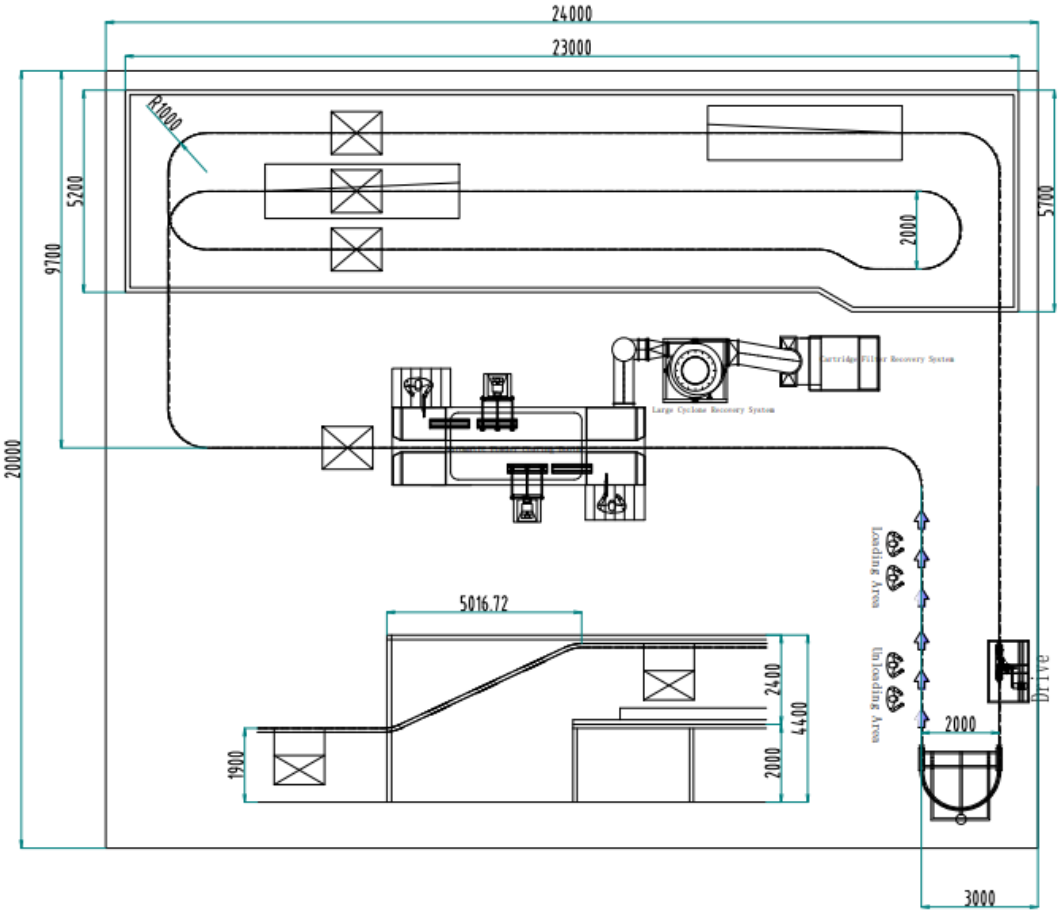

Picture only for reference.

Automated Powder Coating Line

A powder coating line utilizes powder coating equipment to deliver premium-quality finishes for an extensive variety of substrates. Crucial performance determinants for a powder coating line are a superior visual appearance and texture of the finish, extended longevity, outstanding cost-effectiveness of the operation, and environmentally responsible utilization of materials. Modern powder coating equipment provides a broad spectrum of hues and textural outcomes. ShengTai delivers high-performance conventional powder coating equipment and bespoke powder coating line resolutions. Ranging from solutions for hand-operated finishing to sophisticated, fully automated powder coating lines. Our powder coating equipment is pre-configured or tailored to your specific needs, delivering adaptable implementation options, rapid tint modification when needed, and effective operational methodologies for supply, implementation, and material reclaiming.

III. About us.

What We Do

Jinan ShengTai Painting Equipment Co., Ltd. specializes in the design and manufacture of industrial coating

and painting equipment for metal surface treatment. We integrate R&D, manufacturing, installation, and after-sales service to deliver reliable, efficient, and environmentally friendly coating solutions. Serving industries such as home appliances, automotive components, metal furniture, aluminum processing, and infrastructure, we are driven by innovation and sustainability to support green manufacturing and long-term environmental protection.

ShengTai - 15 years Experience of Coating solutions

ShengTai Painting Equipment Co., Ltd. is a professional manufacturer specializing in the design and production of intelligent surface finishing systems, including powder coating lines, liquid coating lines, e-coating lines, and advanced electrocoating equipment. With over 15 years of industry experience, ShengTai has delivered reliable coating solutions to nearly 2,000 customers across more than 30 provinces and municipalities in China, as well as to international markets worldwide.

Backed by a stable global supply chain and long-term strategic partners, we ensure fast response times, consistent product quality, and comprehensive after-sales support for every automatic powder coating line, liquid coating line, and e-coating line we deliver.

We excel in providing fully customized coating solutions. From non-standard system design to turnkey integration, ShengTai delivers one-to-one engineered powder coating lines, liquid coating lines, and e-coating lines that adapt to different materials, product structures, and production capacities. Our solutions emphasize scalability, automation, and efficiency, helping customers achieve higher output and stable coating quality.

Our product portfolio includes two major system series, four core categories, and more than 60 models, covering almost all modern industrial coating applications—from electrostatic powder coating and liquid spray finishing to complete e-coating line systems. Continuous innovation keeps our technology at the forefront of intelligent coating manufacturing.

Recognized for both product quality and service excellence, ShengTai integrates advanced technologies such as coating robots and intelligent control systems into every powder coating line and electrocoating equipment solution. Guided by a spirit of craftsmanship, we are committed to supporting the advancement of high-quality manufacturing worldwide.