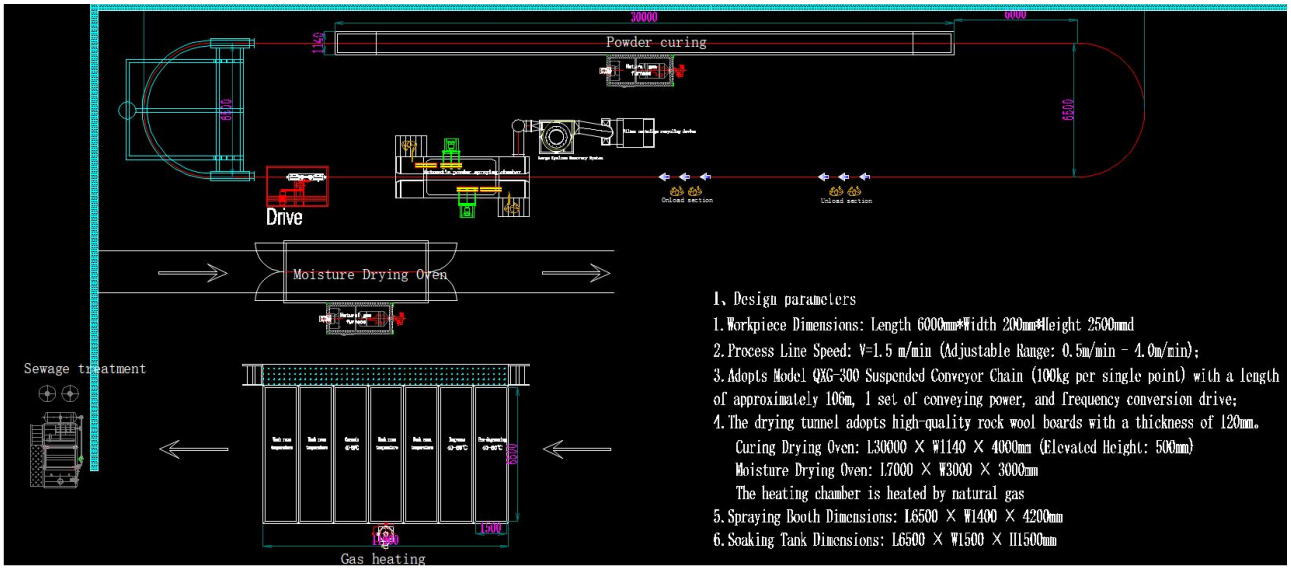
Ji'nan ShengTai Painting Equipment Co.,Ltd.
Address: East of the intersection of Dongwaihuan Road and Wenhua Road in Wenden, Diaozhen Street, Zhangqiu District, Jinan City,Shandong Province
Email: sales@stpowdercoating.com WhatsApp:+8615854139190

Manual Powder Coating Line ST-MPCL6225

Item	Detailed Specifications
Workpiece Size	Length 6,000 mm × Width 200 mm × Height 2,500 mm
Line Speed	V = 1.5 m/min (adjustable range: 0.5—4.0 m/min)
Conveyor System	QXG-300 type overhead hanging conveyorSingle-point load capacity: 100 kgTotal conveyor length: approx. 106 m One complete conveyor drive system Variable frequency (VFD) speed control
Oven Construction	The oven tunnel uses high-quality rock wool panels with a thickness of 120 mm
Curing Oven Dimensions	L 30,000 × W 1,140 × H 4,000 mm (clearance height: 500 mm)
Moisture Drying Oven Dimensions	L 7,000 × W 3,000 × H 3,000 mm
Heating Method	Natural gas heating
Spray Booth Dimensions	L 6,500 × W 1,400 × H 4,200 mm
Immersion Tank Dimensions	L 6,500 × W 500 × H 1,000 mm

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



By adopting a series of new technologies—such as an advanced accumulating chain conveying system with automatic profile turning angle adjustment and automatic chemical dosing systems—the line can significantly reduce the space required for loading/unloading zones and curing ovens. At the same time, these innovations deliver notable energy–saving and emission–reduction benefits, further enhance the automation level of powder coating operations, reduce labor intensity, and greatly improve product quality in both pretreatment and coating processes. Ultimately, this promotes the aluminum profile processing industry toward green manufacturing, energy efficiency, space optimization, and equipment automation.

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