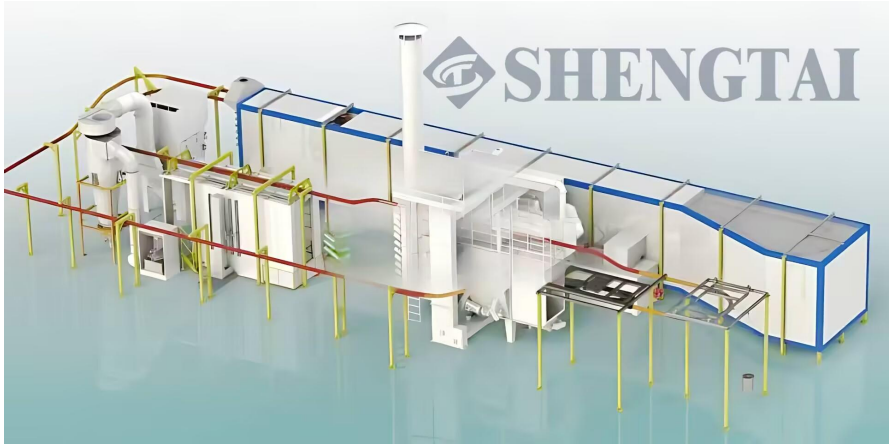
Fully Automatic Powder Coating Line for Aluminum Profiles

ST-APCL-02A

1. Comprehensive Treatment Process: Incorporates a full pre-treatment and coating cycle; Uses specialized preparatory steps to guarantee long-term adhesion.
2. Engineered for Extreme Durability: Ensures facade performance exceeding 50 years against UV rays, moisture, and temperature changes.
3. Market and Quality Advantages: Market and Quality Advantages
4. Automated finishing solution: for architectural aluminum profiles

Automatic and manual coating systems provide the sector's topmost efficiency in powder application and final finish quality. A broad selection of resilient nozzles tailors the spray pattern for every need. The exact alignment of all parts guarantees exceptional color change performance, supported by automated internal and external cleaning. ShengTai leads the industry, achieving maximum efficiency with the least maintenance interruption.



Benefits of Partnering With an Automatic Machine Coating Manufacturer

Some of the advantages of partnering with a machine manufacturer like ShengTai Painting Equipment include:

- High quality: While other companies may offer similar types of finishing equipment, ShengTai stands out because we manufacture all of our machines in-house using the highest quality and most widely available components, ensuring a long life for your new machinery.
- Experience: In our 15 years of experience, our engineers have seen almost every type of finishing system imaginable. Regardless of the finishing process you perform, we can likely help you develop a new approach to improve productivity. No metal or wood finishing application is too large or small.

Here is the information presented in a table format based on the provided key attributes.

Model Number	ST-APCL-02A
Type	Powder Coating Machine
Brand Name/Place of Origin	ShengTai/Shandong, China
Application	Aluminum Profile, Guardrail, Steel Structure
Operating Mode	Automatic Coating Powder Coating
Core Components	PLC, Engine, Bearing, Gearbox, Motor, Pressure Vessel, Gear
Substrate	Stainless Steel
Filter Type	Cyclone + Cartridge Filter
Voltage	110 V, 220 V, 380 V, 460 V
Power (W)	120 kW
Production Capacity	2000 KG/H, 3000 KG/H, 4000 KG/H, 5000 KG/H
Coverage Area	160 sqft/lb, 150 sqft/lb, 140 sqft/lb

Dry Time	20 min, 30 min, 40 min
Processable Profile Length	3000 - 120000 mm
Processable Profile Width	100 - 1000 mm
Processable Profile Height	1000 - 3000 mm
Transportable Weight	100 - 5000 KG / Trolley
Dimension (LWH)	40 m * 12 m * 6 m
Weight (KG)	40000
Warranty	2 Years
Machinery Test Report	Provided/Outgoing-inspection Video Provided

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?