



Hangzhou Color Powder Coating Equipment Co., LTD

Email: export@colourspray.com Phone: 0086 13967171593 Website: www.colo-group.com

Application Success Story of Steel Furniture - Thailand

Request for Color Change Automatic Powder Coating System

This is a European customer whose has a factory in Thailand, with business of manufacturing metal furniture pieces. They require a fast color change automatic powder coating line that is space saving, mass production and powder saving.

Expecting a high quality powder coating system they visited many suppliers in China before they ordered this line. Because of the professionally designed drawing, manufacture ability, strict quality control and sales services, they choose COLO. It took 2 months to produce this line and 20 days to install & commission.



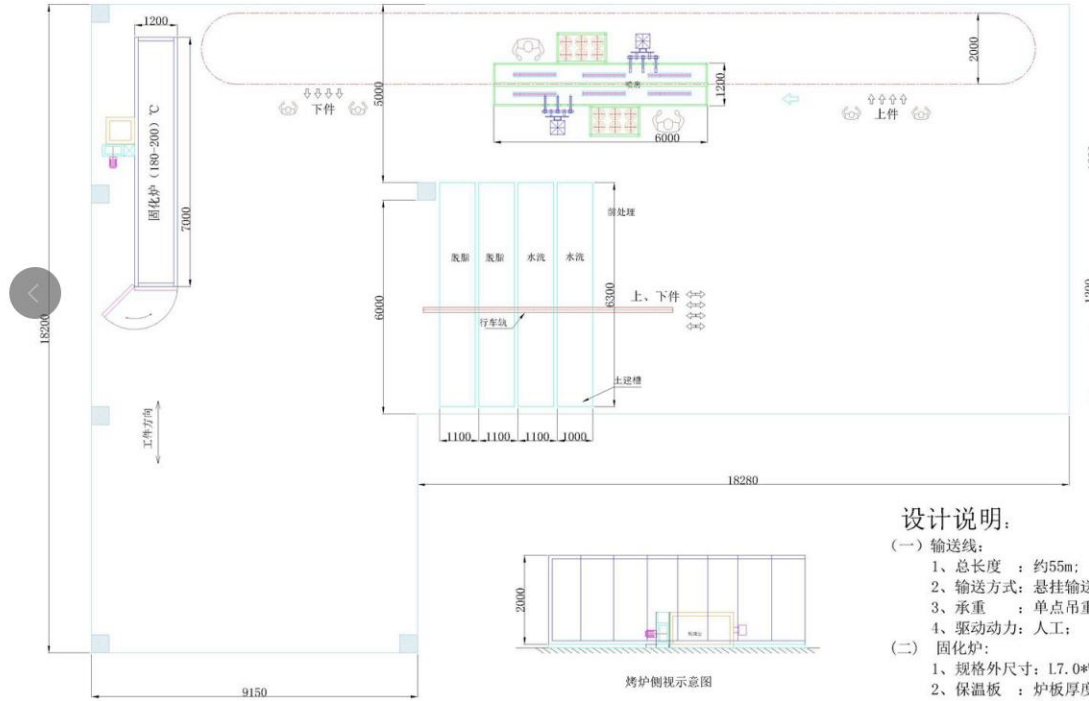
Due to the limited space of plant, we designed an non-continuous line but with automatic powder spraying, including individual pretreatment(dipping), automatic powder coating equipment & automatic powder booth, individual curing oven. As there are some colors to apply, the booth system is designed with cyclone separator, and connects with a powder center for fast cleaning and color change.



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Layout of Automatic Powder Coating Line



Automatic Powder Coating Line Technical Data

Line Speed: 1-6m/min adjustable

Max. Workpart Size: L6m x W1m x H2m

Powder Coating Booth: Automatic type, with multi-cyclone powder recovery

Automatic Powder Spray Gun: 10pcs,

Central cabinet: 1 set, to install 10pcs gun controllers

Reciprocator: 2.5m stroke, 2pcs

Powder Coating Oven: Gas oven with PLC controller, 1set

Pretreatment: Dipping tank made of stainless steel, 1set



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Dipping Tank for Pretreatment



Automatic Powder Spray Booth with Monoi-cyclone Recovery System





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Central Control Cabinet & Powder Feed Center



Gas Powder Coating Oven





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Thanks to the high performance COLO powder coating equipment, the fast color change powder recovery system made the plant clean with high powder utilization. Now the factory achieves mass production of powder coating furniture and gets more profit from their business. If you want to visit this customer, could contact us.