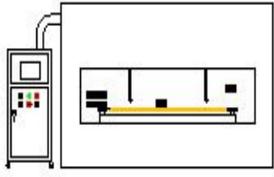


## Door Automatic Painting Machine Line

**Total Length: 27 meters Total Power: 80.25 kw**



Door Automatic Spraying Machine

Length: 5M

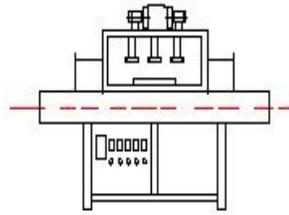
Power: 12KW



IR Heating Tunnel

Length: 10M

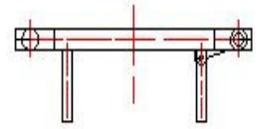
Power: 24.75KW



6 Lamps UV Curing Machine

Length: 2.5M

Power: 42.75KW



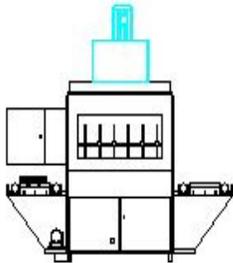
Conveyor

Length: 2.5M

Power: 0.75KW

## Door Frame Automatic Painting Machine Line

**Total Length: 18 meters Total Power: 36.24 kw**



Wood Line Automatic Spraying Machine

Length: 3M

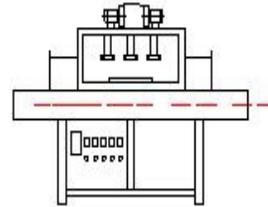
Power: 6.6KW



IR Heating Tunnel

Length: 10M

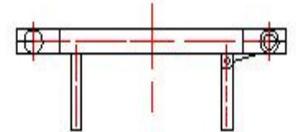
Power: 12.4KW



3 Lamps UV Curing Machine

Length: 2.5M

Power: 16.84KW



Conveyor

Length: 2.5M

Power: 0.4KW

**Equipments required to provide by customers themselves:**

**A. 0.5MPA air source**

**B. 50HZ,380V three-phase power source.**

**C. Dust less Room for the top coat division.**

# Door Automatic Spraying Machine -IDS-1300



**CNC automatic painting machine which consist by the operator (machine body), the controller and servo drive system.**

It is a kind of humanoid operation, automatic control, repeatable programming, can be perform a variety of spraying work in the three dimensional space.

This is suitable for many varieties flexible manufacturing. It has a important role for stability and improve product painting quality, production efficiency, improve the labor intensity and the rapid upgrading of the product.

Saving operation time, easy to operation.

Door automatic spraying equipment is suit for continuing surface spraying according to the heteromorphosis work piece, such as plastic-steel door, aluminum alloy door, timber door, cabinet door and glass.

## **Machine configuration**

1. Five-axis CNC machine painting structures, paint spraying speed, the gun can be flexible rotation angles, fully realized personification spray way.
2. The four sides of the wooden doors and plate work piece (pallet) the profiled surface or arc through pre-set program uniform spray.
3. The gun is controlled by the computer in the maximum travel range for any path movement and opens and shut, so the spray paints evenly, saving paint. The program can be controlled by the uniform spray paint gun to the movement of the “Ten” fonts.

4. Chinese digital programming by entering the number of work piece size parameters and painting, you can automatically generate painting program, which is a real sense of automation; procedures can remember 1000 program, either 1,000 different specifications work piece CNC automatic spray paint.
5. The machine configuration automatically flip structure simply wooden doors flat on the flip shelves can achieve the doors turned face painting process, no fixture auxiliary saving operation time, easy to operation.
6. Machine configuration automatically rotating structure, rotary table has two tables, wooden doors after the completion of the painting will automatically rotate to the formation of the flow-through operations, Can achieve continuous production, covers an area of conservation, saving operation time.

# Heat Tunnel



## Specification:

Increasing lacquer thinner volatilization and lacquer chemical reaction, shorting drying waiting time.

The inner of machine adopts flower driving air to recycle, simultaneously increasing volatilization of lacquer thinner.

Sending adopts high temperature wearable roller.

It applied for drying of PU, NC, water-base paint, ect coating surface on wood, MDF, furniture, plywood, flooring, door, kitchen cabinet, artwork board, blinds, shutter.

1.This machine is designed for smooth the surface of the board after curtaining, and also it can have the water paint to dry 2.Using the infrared heating theory, it can accelerate the volatilization of the attenuate of the paint and shorten the time for drying.

1. The body of cold rolled steel folding scissors, welded together.

2. The device overall electrostatic spray (180 °C high temperature baking),elegant appearance, easy to clean and corrosion resistant.

3. The whole high thermal insulation material (aluminum silicate),more insulation, more energy, better insulation.

4. The electrical control of the main part of Schneider Electric products, control of high sensitivity, durable.

5. The electrical motor adopts horizontal type Hao Xin Taiwan geared motor, the speed controlled by Taiwan's Delta inverter, performance and stability.

6. The conveyor belt for imported materials, stainless steel rod(mesh type) conveyor belt, the whole chain of transmission is more stable, no deviation.

7. The control circuit design is reasonable ,leakage protection, motor overload protection, control lines insurance, digital temperature controller, power indicator, start /stop switch.

8. Voltage 380V,50HZ.

# Lamps UV Drying Machine



Immediately dry ,reduce time of waiting for drying and coating line It is finished drying six sides for one time ,the height and angle of the lamp in both side can be adjusted which is satisfied for many size of products. The whole machine is adopted by electrostatic coating which can well anti-corrosion and easy to clean. The part of electrical control is from French Schneider and Japanese Omron with a high sensitivity and prolonged durable. The motor is from Taiwan reducer and Adlee inverter with stable function. The conveyor with stainless steel net-style. The lamp is made of importing material which is high pressure mercury lamp. The power is Taiwan style, more energy-saving and high efficiency. The design of non-dust filtrate wind cycle cooling system is more useful for lowering the temperature for UV area. And reduce dust at the same time. Equipped with heat flowing machine to ensure the lacquer drying effect. Improved the efficiency and made the surface is smoother.

# Conveyor



## Belt Type Conveyor

The machine is suitable for conveying all kinds of panel working line. The conveyor is adjusted by inverter with stable and uniform. The conveyor is imported PU belt (optional :stainless steel net belt or roller)

# Wooden lines Automatic Spraying Machine



It is suitable for spray the surface of door frame, line pieces, wood lineal, ground board, photo frame line and floor.

Door Frame Spray Machine 1. for door frame, line pieces, wood lineal, ground board, photo frame line and floor 2. good

1. Closed spraying booth 2. High spraying quality 3. Friendly environment 4. Feeding speed can be adjusted by Frequency control

## **Profile Spraying machine**

1. Wood Line Spraying Equipment has high automatization;
2. Symmetrical spraying surface; accurate control; high producing **efficiency** and high cost performance.
3. Wood Line Spraying Equipment is suitable for **UV, PU, PE, NC**, etc.
4. Wood Line Spraying Equipment has UV lacquer reclaiming equipment to reduce waste. The filtering of air outlet system can **avoid environmental pollution**.
5. Wood Line Spraying Equipment can be used alone and also can be equipped with line drier to make the work piece dried as soon as spraying finished

**Advantage:**

The body is combined of steel and stainless steel plate, excellent appearance and stable performance. machine is configured Matsushita Programmable Logic Controller (PLC), independent control of the gun in the case of the work piece through the painting area, in order to save the amount of paint used. (Optional)

The widescreen display PLC system monitoring to control the operation of the machine . (Optional) Automatic gun using standard imported Japan Iwata 0.8 caliber gun, the amount of spraying and, the angle can be pre-adjustment. Each of gun individually controlled.

The selection of the configuration of the gun (optional high-pressure airless spray gun, low pressure air gun or air gun pressure mixed), can meet different spraying requirement.

Exhaust gas treatment and purification systems, effective spray paint waste gas treated before being discharged, to avoid environmental contamination.

Conveyor speed inverter control for different speed painting requirements.

The oil supply system consists of a set of large-capacity diaphragm pumps and voltage regulator, to make the paint flow more smoothly and to replace paint more convenient.

Different wide lines limit device, through the feed inlet to adjust its feed position, to prevent the feed deviation.

# Lamps UV Curing / Drying Machine



1. The machine is welded by angle steel and square steel the airframe is made of cold-rolled steel plate.
2. The whole machine is adopted by electrostatic coating which can well anti-corrosion and easy to clean.
3. The main part of electrical control is from French Schneider with a high sensitivity and prolonged durable. The motor is from Taixin reducer and the speed is controlled by Taiwan Delta inverter with stable function.
4. The conveyor with stainless steel pole-style(net-style).
5. The lamp is made of importing material and the work life is over 800 hours. The reflector is made of importing material.
6. The power is Taiwan style, more energy-saving and high efficiency.
7. The control circuit is designed rational; such as leakage protector; overload protected motor.
8. Control circuit insurance, blower motor insurance ; uv light amumeter; light on action ; XM; LED of power ; start/stop switch; power to set a half for uv light. etc
9. Adopt special air cooling system and digital thermostat. The blower come from Jiuzhou Huipu.the whole machine guaranteed 1 year (except lamp)and maintain a lifelongs.
10. Voltage:380V、50HZ