



Catálogo

Triaxial Coating Machine



Trixial Coating Machine



CM-460 three-axis selective surface coating equipment is a high performance coating system, suitable for multi-industry coating applications with a variety of valve configurations. It can automatically match different valves for coating according to different process requirements. It can meet multi-paneling requirements.

Application

- Home Appliance Control Board
- Car Electronic Control Board
- Battery Protection Board
- Instrumentation Circuit Board
- Industrial Equipment Control Board
- Consumer Electronics Control Board
- Solar Panel
- Motor Control Board

Features

1. Adopt computer + motion controller, WINDOWS operating system, fault sound and light alarm and menu display
2. The programming adopts manual teaching and can operate easily
3. Integral steel motion platform for smooth operation
4. X, Y, Z, axis motion is driven by servo motor + ball screw, and running accuracy is 0.02mm
5. With sliding rail + ball screw width adjustment mechanism to ensure that the conveying rails are parallel to each other, and auto point control which is easily adjust.
6. The transmission chain is driven by double stepper motors and has a chain guard structure.
7. Special aluminum alloy track and stainless steel conveyor chain
8. The coating valve can be selected according to the requirements, and one machine can be equipped with 1 to 4 valves, which can be switched arbitrarily according to the production needs; the single air pipe intake enhances the performance and appearance; the speed, height and Valve delay time can be set individually for each glue track;
9. The valve with automatic cleaning function;
10. It has the function of automatic reset and calibration during operation to ensure the operation accuracy;
11. Equipped with paint container, using constant current and constant pressure output to ensure uniform flow
12. Optional metering pump feeding method ensures paint delivery, and the flow rate is 100% accurate
13. Equipped with exhaust vents
14. Equipped with SMEMA interface
15. Communicate with other devices through the network port
16. The MES system can be established according to the requirements (optional)

Parameters

Model	CM-460	Transfer speed	0 -13m/min
Dimensions	W1000mm * L1200mm *H1700mm	Conveyor	Special aluminum alloy track + stainless steel chain
Weight	500kg _	AM mode	Electric AM + Ball Screw
Control method	IPC + sports card	AM speed	250mm/min
Software	Sanco software + Windows system	PCB edge space	≥5mm
Programmatically	Teaching / keyboard and mouse cover	Communication port	SMEMA connector
Number of spindles	X, Y, Z	Single coating width	2 30mm
Spindle drive	Servo motor + ball screw	Equipment air pressure	0.5 Mpa _
Coating stroke	X: 460mm Y: 460mm	Exhaust airvolume requirements	15m ³ /min
Maximum movement speed	800mm/sec	Device power	AC220V 50 60HZ
Component maximum height	Conveying surface 90mm, bottom 50mm	Total equipment power	2.2kw
Repeatability	0.02mm	Standard features	LED UV detection light
Number of tracks	1		LED lighting
Working direction	Left→right (standard) Right→left		Waste liquid recovery
Conveying height	900±20mm		Electrostatic interface

List of main accessories

Serial number	Product name	Quantity	Manufacturer	Brand
1	Coating valve	1	Sanco	China
2	Dispensing valve	1	Sanco	China
3	Photoelectric sensor	3	Matsushita	Japan
4	Servo motor	3	Mitsubishi /Panasonic/Nidec	Japan
5	Stepper motor	3	Leadshine	China
6	Industrial computer	1	Advantech /EVOC	China
7	LCD Monitor	1	Lenovo/AOC/dell	China
8	Motion control card	1	Z motion	China
9	Screw module	5	Hiwin	Taiwan
10	Guide	6	Hiwin	Taiwan
11	The electromagnetic valve	8	SMC	Japan
12	Precision pressure regulator	2	SMC	Japan
13	Cylinder	6	AirTAC	Taiwan
14	Air source treatment components	1	AirTAC	Taiwan
15	Power supply	1	Meanwell	Taiwan