

Selective Coating Machine OL - 450GS2

TECHNICAL PARAMETERS



FEATURES

1. The Whole frame is welded by sheet metal. So it has beautiful shape and stable operation.
2. Controlled by the industrial computer with the more convenient and more humanized **WINDOWSXP** operating system.
3. Either the on-line programming or off-line programming is available.
4. The function of auto accuracy calibration guarantees its perfect running precision.
5. Use the imported Pneumatic components to control.
6. With the precised pressure regulating valve on the atomization adjustment, it can control the atomized airflow balanced then improve the edge definition.
7. With the unique installing method of the electric eye, it can avoide the wrong actions effectively and extend its service life.
8. With the function of auto-collecting the exhausted emissions, it protects the working environment better.
9. With the function of low pressure protect, it prevents the damages of the machine and parts caused by the low pressure effectively.
10. Equipped with connection port of auto-connect with on-line signal.
11. Pneumatic filter with the function of automatic drainage.
12. Be safer with the function of low pressure alarm.
13. The device comes with function of the UV inspection.
14. High speed, perfect mute and it can work on jointed boards at the same time, as well as

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| Machine parameters | |
| Frame Dime L*W*H | L1300mm*W1100ram*H1700mm |
| Weight | 720kg |
| Controlling parts | |
| Control mode | IPC+ Board |
| Operation mode | Computer Control |
| Program mode | Manual Teach |
| Number of Running Programs | Over 1000 |
| PCB Conveying parts | |
| PCB Conveying heights | 920±20mm |
| Conveyor speed | 0-3500mm/min adjustable |
| Conveyor direction | L-R(R-L) |
| conveyor motor power | AC220V 40W |
| Adjusting Parts | |
| PCB width range | Single 50 - 450mm, jointed 50 – 200ram |
| Adjusting mode | Manual |
| Working parts | |
| Driving mode of X&Y axis | Panasonic servo motor + high precision electric cylinder |
| Max running speed of X&Y axis | 1500mm/s |
| X&Y axis positional accuracy | 0.02mm |
| Max running speed of Z axis | 1000mm/s |
| Driving mode of Z axis | Panasonic servo motor+ high precision screw module |
| Z axis positional accuracy | 0.02 mm |
| Nozzle up & down | Driven by 4 SMC double pole cylinders |
| Nozzle number | 4pcs |
| Nozzle type | 2 Dispensing nozzles, 2 fine spraying nozzles |
| PCB Size | Maxz:W450mm*L450mm |
| Height of PCB components | MAX70mm |
| Coating width of dispensing valve | 2mm min. Coating width:2mm |
| Dispensing nozzle size | 0.8mm |
| Edge definition | ±1mm |
| Fine spray painting width | Single painting width:6-8mm |
| Painting thickness | 0.03mm-1mm |
| Material tank capacity | 1 conformal coating pressure barrel + 1 cleaning barrel |
| Cleaning function | The device comes with the cleaning function |
| Parameters of the controlling parts | |
| Lighting parts | equipped with the lighting power |
| Inspection parts | Equipped with the UV inspection light source |
| Power | AC220V |
| Air source | 4-6kgf/cm ² |
| Total power | 2KW |
| Optional items | |
| Barcode scanning | Optional |
| CCD positioning (Camera) | Optional |
| Electric adjusting mode | Optional |