

Finishing Technologies

MAKOR K-ONE Reciprocating Spray Machine



K-ONE is a single arm oscillating spray machine utilizing 4 automatic spray guns. It is designed for low to medium finishing line speed. The machine includes a carbon fiber single piece conveyor, belt cleaning and coatings recovery system, and touch screen PLC controller.



KEY FEATURES

- Pressurized spraying cabin with filtered air via two intake fans
- 2 fluid circuits with recycle
- 2 quick change gun mounting plates
- Internal air flow adjusted by inverter
- Photo diode light barrier reads location and size of part
- Touch screen PLC controller includes spraying recipes and production statistics
- Filter boxes on each side of machine are easily removed from machine body for easy access to spray guns and conveyor
- High wear and chemical resistant conveyor
- Belt cleaning and coatings recovery system

OPTIONS

- Additional fluid circuits with recycle
- 2 liter internal pressure pot for small color runs (low pressure only)
- Note: spray guns and pumps are not included in standard supply

MAKOR K-ONE Reciprocating Spray Machine



Machine Dimensions:

Length	185 in (4700 mm)
Width	165 in (4200 mm)
Height	102 in (2600 mm)

Workpiece Dimensions:

Minimum

Length	12 in (300 mm)
Width	1 in (25 mm)
Height	0.2 in (5 mm)

Maximum

Length	197 in (5000 mm)
Width	51 in (1300 mm)
Height	2.4 in (60 mm)

Specifications:

Feed Speed	3 – 20 fpm (1 – 6 mt/min)
Working Speed	7 – 16 fpm (2 – 5 mt/min)
Working Height	35.5 in +/- 1 in (900 +/- 30 mm)
Air Capacity	9400 cfm (16000 cu mt/hr)
Feed Motor	1 kW
Reciprocator Motor	2.2 kW
Intake Fans (2)	1.10 kW (x2)
Exhaust Fan	5.5 kW
Total Installed Power	11 kW

