

# Finishing Technologies

## MAKOR KRONOS Reciprocating Spray Machine



KRONOS is Makor's "flagship" wide belt spraying machine, loaded with a full complement of operating features. This two arm oscillating spray machine is designed for high volume finishing. The standard gun configuration has eight guns, but up to twelve guns with multiple circuits can be configured. The even application, easy-to-use controller, and quick cleaning system are among the many features of the KRONOS.



### KEY FEATURES

- Anti-static PE conveyor belt
- Piece reading system with photodiodes to recognize part location and dimensions
- Patented belt cleaning and coatings recovery system
- Pressurized spraying cabin with 2 intake fans
- Dry paper overspray filtration system
- Filter carriers easily separate from machine body for easy access to conveyor and spray guns inside spraying cabin

- Dual reciprocating arms with brushless motors
- Mountings for 8 spray guns
- 2 fluid circuits with recycle
- Cabin pressure monitored by PLC
- Touch screen PLC controller
- Modem capable of remote diagnostic service

### OPTIONS

- Up to 12 guns mounted on quick change mounting plates
- Up to 4 total fluid circuits
- Water filtration curtains for high speed or high gloss finishing
- Large 15" color display for PLC controller

# MAKOR KRONOS Reciprocating Spray Machine



## Machine Dimensions:

Length	185 in (4700 mm)
Width	169 in (4300 mm)
Height	120 in (3060 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	6.5 – 33 fpm (2 – 10 mt/min)
Running Speed	10 – 26 fpm (3 – 8 mt/min)
Air Capacity	10,595 cfm (18,000 cu mt/hr)
Working Height	35.5 in +/- 1 in (900 mm +/- 30 mm)
Feed Motor	0.75 kW
Reciprocator Motor	5.5 kW
Intake Motors	1.1 kW (x2)
Exhaust Motor	7.5 kW
Total Installed Power	17 kW

