

RECIPROCATING SPRAY MACHINE

MAKOR NEXT-ONE



FLEXIBLE, RELIABLE, SCALABLE

The Makor NEXT-ONE automatic panel reciprocating spraying machine is an ideal solution for finishing automation. Machine helps improve transfer efficiency, save labor and improve quality and consistency. The machine is ideal for finishing small or large batches and can accommodate color changes quickly with minimal time and coating loss. The oversized, pressurized spray booth with single arm design helps contain overspray and ensures perfect wet on wet spraying for excellent results. The quick-change color valve and quick-disconnect gun plate make coating changes simple and quick. The paper belt conveyor with vacuum hold down make cleaning minimal and simplifies machine operation. Available as a stand-alone machine or can be integrated into lines with automation and drying solutions.

Features

- Pressurized spray enclosure with adjustable airflow
- 3+1 fluid circuits (3 coatings + 1 flush)
- Quick change color valve
- Quick change gun mounting with 2 gun mounting plates
- Paper feeding system with vacuum hold down
- Paper trolleys on wheels for easy removal / reloading
- Reading bar at infeed for precise spraying
- Touch screen for machine control and recipes
- Dry filtration with easy access

Specifications

Conveying system	Paper belt with vacuum
Reciprocating arms	Single arm (spraying out)
Spray gun capacity	4 guns
High pressure circuits	3+1
Quick change system	Included
Spray booth type	Pressurized
Filtration	2 stage dry filtration
Exhaust fan	External
Electrical cabinet	External
Control system	15" Touchscreen / PLC
Automatic part recognition	Included / 12mm resolution
Min / Max workpiece length	12" (305mm) / N/A
Min / Max workpiece width	1" (25mm) / 51" (1300mm)
Min / Max workpiece height	1/8" (3mm) / 2 3/8" (60mm)
Total Installed Power	13 kW / 22A @ 480V
Exhaust	5885 CFM max