

**cefla finishing
delle vedove
düspohl
falcioni
sorbini**

PRIMA, the first truly automated spraying system.

PRIMA, the reciprocating sprayer is especially recommended for switching over from manual spraying to automatic spraying thanks to its user-friendliness, reliability, affordable investment and low operating costs.

PRIMA is suitable for any water- or solvent-based coating product spraying, and is the ideal machine for companies wishing to make the most of the advantages offered by spraying: increased productivity, coating product saving, and consistent panel finishing quality.



PLUS AND BENEFIT

- PRIMA is the first machine combining the ability to spray over a working width of 1300 mm, with the currently lowest market price for an automatic sprayer with these performances.
- Its output rate ranges between 1 and 3 min. Productivity is therefore much higher than in both the manual spraying booths and the lower-width spraying machines.
- The disposable paper-covered conveying unit offers all the advantages of a continuous conveyor belt: no over-spray on panel undersides, consistent panel face/edge coating.
- The paper underneath the workpieces is supported and fed on by a belt conveyor equipped with a vacuum system that guarantees a continuous and vibrations-free forwarding motion, it prevents paper from tearing.
- No machine down-time needs to be allowed for cleaning purposes at the end of the work shift : it is only necessary to regularly change the paper coils and replace the filters.
- The feeding system consists of a paper unwinding device with adjustable braking for clean paper and an independently motor-driven winding device to take up paper after spraying.
- The paper coil is approximately 2400 meters long and can be continuously used during various work shifts.
- Natural air inlet that prevents coat from accumulating in the spray area.
- Suction is ensured by a high efficiency fan. The inlet air goes through two-stage, large surface dry filters: the system combines high efficiency with reduced working maintenance costs.
- Axis unit to hold the spray guns supporting arm with ball recycle. A brushless motor provides for the arm oscillation.
- Oscillation speed electronically controlled.
- Automatic system at the machine infeed side, to detect panel shape and position, thus optimizing spraying while reducing drastically the product consumption.
- Spraying system equipped to accept 4 spraying guns. Two high pressure feeding circuits for quick product change without any waste.
- Control cabinet detached from the machine. PLC with touch screen (6 inches). Programming and control of spray parameters and functions with on time diagnostics of the working conditions.

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AVAILABLE OPTIONS

1. Spraying equipment.
2. Independently motor-driven extra infeed and outfeed conveyors for machine loading/unloading.
3. Right-hand working side (standard machines come with left-hand working side).

CARATTERISTICHE TECNICHE

Inverter-adjustable speed:	1 to 3 m/min
Paper belt width:	1520 mm.
Working width:	1300 mm
Paper coil length:	2400 meters
Paper coil diameter:	520 mm.
Minimum workpiece length:	250 mm.
Workpiece thickness:	max. 60 mm.



TECHNICAL SPECIFICATIONS

	Power rating kW	Compressed Air NI/min	Heat rating kcal/h	Air to be recovered mc/h	Air exhaust with solvents mc/h	Air exhaust with powder mc/h
PRIMA	6,5	300 (spray guns excluded)	-	8000	8000	-

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