

## ROCTRE W RECIPROCATING SPRAY MACHINE – HIGH SPEED

WOOD LINE

The ROCTRE W is one of the fastest reciprocating spraying machines in the market, with top speed in excess of 20 mt/min, and is placed in complex production lines with a high level of automation and producing high production volumes for flat and moulded panels. The spraying machine works with specifically designed and engineered ventilation and handling systems for the spray guns, allowing very high working speeds: therefore, the productivity achieved is much higher than that of traditional machines, whatever the quality required.

Many of CEFLA's innovative and patented features are utilized in the ROCTRE W. These features were designed around today's most stringent environmental regulations and best 'Transfer Efficiency', while providing an exceptionally flexible and productive tool for the modern and demanding finishing market.



### PLUS + BENEFIT

- The increased dimensions of the spraying zone provide for tilting and orientation of the guns, guaranteeing high feeding speeds and great finishing quality.
- A continuous width (65") Carbon Fiber Belt (CFB) enables the recovery of over sprayed coating material for reuse, which results in: increased Transfer Efficiency, no overspray on the panels bottom side, superior edge coating.
- Two different patents protect the conveyor belt system for coating recovery and belt cleaning; they include counter-rotating roller, cleaning rollers, scrapers, tanks: solvent consumption is minimum and cleaning time at the end of the work is very short.
- High efficiency filters and special shape of the roof assure clean air at input of booth enclosure. Automatic air flow system monitors and maintains consistent air flow through spray booth; this system produces an enhanced quality of finish, because of less overspray in the spray booth.
- The use of water curtain and tank in exhaust air system, induces a highly clean environment and optimum finishing qualities. The system is complete with: "Scrubber": exhaust air filtration tower that eliminates solid particulate matter from air exhausted. "Skimmer": water filtration unit that keeps the water steadily clean, without any need for servicing.
- Spray system utilizes two (2) reciprocating trolleys each driven by a high tech, brushless DC servomotor, thereby providing a consistent spray speed and pattern across entire working width.
- Spray system is designed to accept 2 + 2 / 4 + 4 / 6 + 6 spray guns with two (2) lacquer feeding circuits with recycle.
- Electronic control unit utilizes a sixty (60) cell photodiode bar to monitor and regulate spray application, further maximizing application Transfer Efficiency.
- PLC with touch screen provides machine storage of machine working programs, measuring coated surface, control and diagnostic functions.

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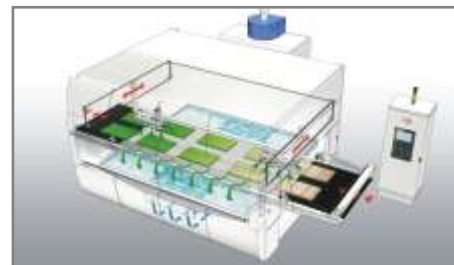
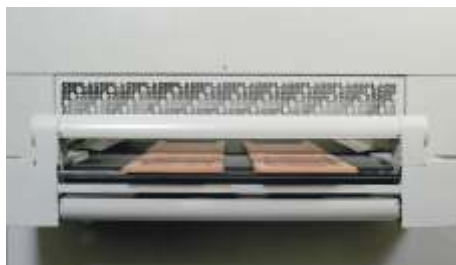
WOOD LINE

## OPTIONALS DISPONIBILI

1. **HS** = Modified spray-gun trolley to achieve high productive speed.
2. Removable spray-gun trolleys, to simplify quick change of different colours or coating materials.
3. Spraying Equipment.
4. Stainless steel fittings and distribution block for feeding circuits system.
5. Pressurization unit inside the machine structure.
6. Pressurization of the machine through outside Hyperfilter Unit.
7. Electronic control unit with 120 cell photodiode bar for more precise panel dimensions reading.
8. Conveyor belt system for coating recovery and belt cleaning, made by 4 rollers, without scrapers.
9. Stainless Steel “Scrubber”
10. CAB = Complete Enclosure booth for **top quality finishing**.
11. Motorized lifting of gun trolleys, and position detector codified and controlled by PLC.
12. Increased belt conveyor length at infeed for installation of dust suction hood.
13. Plexiglas covers on both infeed/outfeed conveyors.
14. Additional lacquer recovery tank.
15. Separate gun cleaning unit for movable trolleys.

## Technical Features

- Adjustable speed, by means of inverter: 2 ÷ 21 m/min
- Reciprocation speed of trolleys: max. 120 m/min
- Belt width: 1650 mm.
- Working width: 1300 mm., including edges
- Minimum length of work pieces: 280 mm. (on request 150 mm)



## TECHNICAL SPECIFICATIONS

	Electric power kW	Compressed air NI/min	Thermal power kcal/h	Air make-up mc/h	Air with solvent exhaust mc/h
<b>ROCTRE W</b>	23,8	50		12000	12000
<b>Option 1</b>	24,2	50		12000	12000
<b>ROCTRE HS/W</b>					
<b>Option 3</b>		See guns type			
<b>Option 5</b>	3				
<b>Option 12</b>		535			

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