

UNOSPRAY OSCILLATING SPRAYING MACHINE

WOOD LINE

The automatic spray machine UNOSPRAY is processed by a unique central spray guns supporting arm equipped with a quick change device for its replacement in highly reduced times: the machine's power point is due to the flexibility of the lacquer change. This feature is combined with an easy functioning, easy cleaning and servicing. The product recovery is guaranteed by the patented CEFLA system which operates on the classic CFB belt. The high 'Transfer Efficiency' is obtained by the internal pressurization and the air flow which reduces the overspray to a minimum. The above mentioned features of the oscillating spray machine combined with the possibility to achieve high finishing quality, maximum respect of the environmental protection standards and its pleasant design have contributed to its enormous success on the international markets.



PLUS + BENEFIT

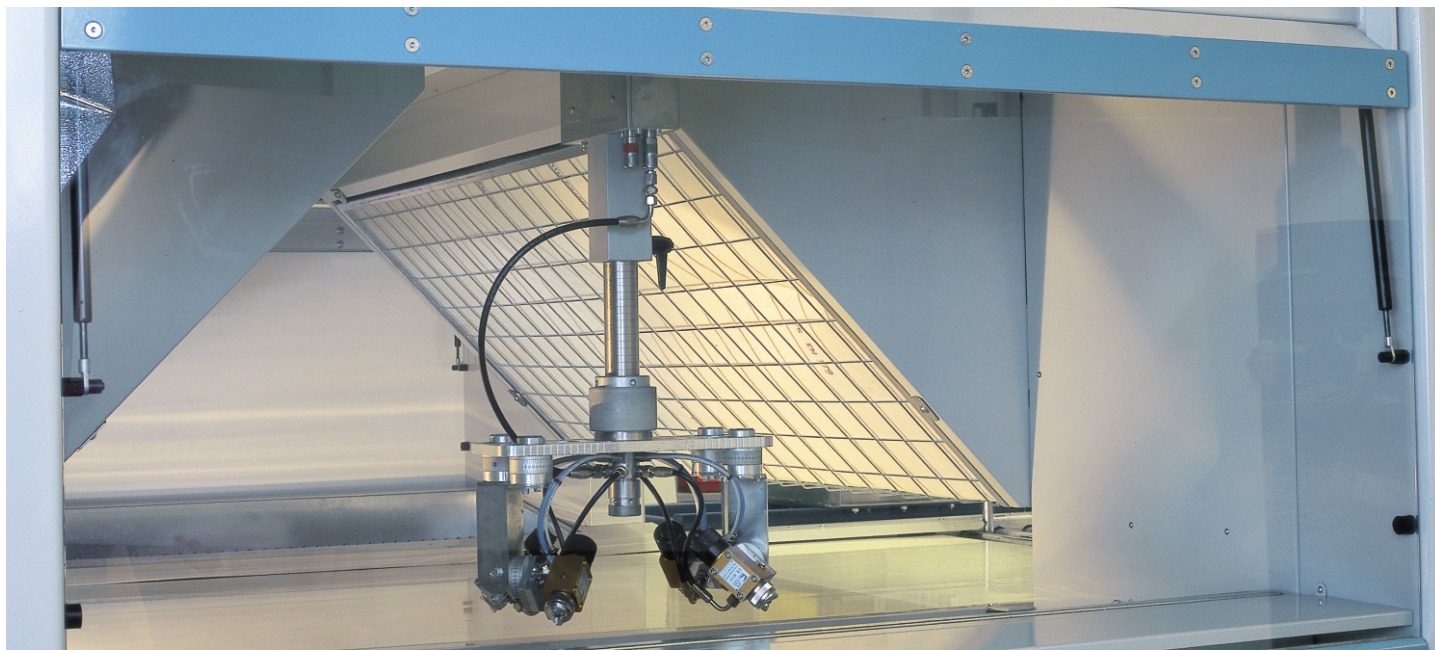
- A continuous width (65") Carbon Fiber Belt (CFB) enables the recovery of over sprayed coating material for reuse, which results in: increased Transfer Efficiency, no overspray on the panels bottom side, superior edge coating.
- Two different patents protect the conveyor belt system for coating recovery 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.
- Use of dry filters in exhaust air filtration system is very efficient and limit operational maintenance costs. Dry exhausting system is the most suitable for waterborne lacquers.
- Spray system utilizes 1 reciprocating trolley with electronic control of the guns speed, thereby providing a consistent spray speed and pattern across entire working width.
- The removable spray-gun trolley accepts 4 spray guns with 4 lacquer feeding circuits with recycle.
- Electronic control unit utilizes a 104 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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OPTIONS AVAILABLE

1. Spraying Equipment.
2. Additional removable spray-gun trolley.
3. Pressurization of the machine through external Unit.
4. Conveyor belt system for coating recovery and belt cleaning, made by 4 rollers.
5. Infeed and outfeed conveyor transparent covering.
6. Increased belt conveyor length at infeed for installation of dust suction hood.



TECHNICAL FEATURES

Adjustable speed, by Inverter: 1,5 ÷ 7,5 m/min
Belt width: 1650 mm.
Working width: 1300 mm., including edges
Minimum length of work pieces: 250 mm.

TECHNICAL SPECIFICATIONS

	Electric power kW	Compressed air NI/min	Air make-up mc/h	Air exhaust with solvent mc/h
UNOSPRAY	9	5	8000	8000
Option 1	--	See gun type	--	--
Option 6	--	535	--	--

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