

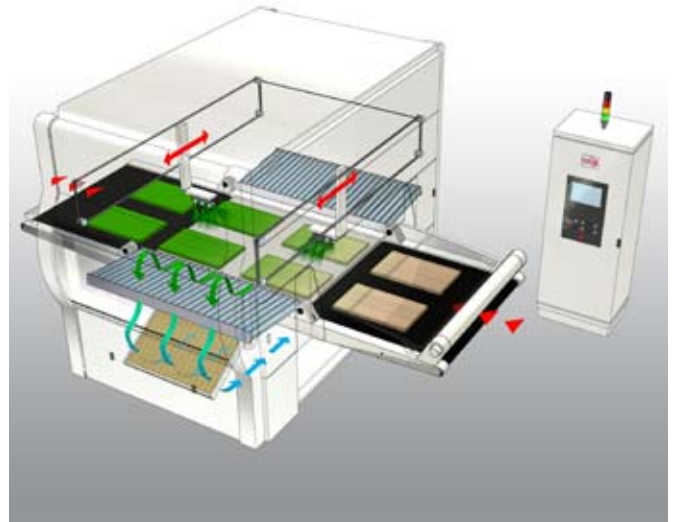
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The EASY 2000 provides consistent quality and high volume production in an automated environment, together with ease of operation.

Many of CEFLA's innovative and patented features are utilized in the EASY 2000 UV/AC. While these features were designed around today's increasingly stringent environ-

mental regulations they also provide many ecological and economical benefits over previous spray systems.

The EASY2000 UV/AC machine has been especially studied for application of acrylic lacquers with 100% solid waste and it confirms once again the great success of this spraying machine.



PLUS AND BENEFIT

- Patented for Acrylic coating materials (100% solid): stainless steel lacquer separators system that collect the applied acrylic product and deposit it on the conveying belt of the machine for recovery.
- A continuous width Carbon Fiber Belt 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.
- Patented conveyor belt system for coating recovery and belt cleaning, providing a "self cleaning" action; comprises counter-rotating rollers, scrapers, solvent tanks and significantly reduces solvent consumption.
- 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.
- Spray system utilizes two (2) reciprocating trolleys each driven by a high tech, brushless DC servo-motor, thereby providing a consistent spray speed and pattern across entire conveyor 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 photo-diode 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.

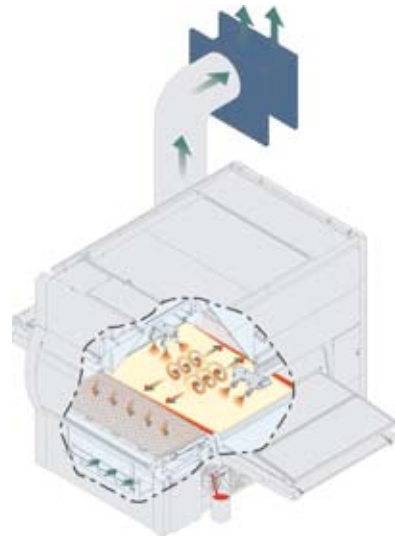
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AVAILABLE OPTIONS

1. Nr.1 circuit with lacquer and compressed air heating, with system of feeding and recycle pump, included high pressure heated hoses.
2. Removable spray-gun trolleys, to make easy the quick change for 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 external Unit Hyperfilter.
7. Electronic control unit with 120 cell photodiode bar for more precise panel dimensions reading.
8. Coating recovery and belt cleaning system, made by 3 rollers, without scrapers.
9. CAB Complete Enclosure booth for top quality finishing.
10. Outside guns cleaning & setting unit for movable trolleys.
11. Lifting of gun trolleys by pneumatic motor, and position detector by encoder and PLC.
12. Belt conveyor lengthening at infeed for installation of dust suction hood.
13. Plexiglas covers on both infeed/outfeed conveyors.
14. Additional lacquer recovery tank.

TECHNICAL FEATURES

Adjustable speed, by Inverter: from 2 to 8 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	Solvent exhaust mc/h	Dust extraction mc/h
EASY2000 UV/AC	14,1	50	--	12000	12000	--
Option 2	--	See gun type	--	--	--	--
Option 4	3	--	--	--	--	--
Option 12	--	535	--	--	--	--

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