

Evo3EDLF

Evo3 Exposure + Dryer + Light Finisher

The EVO 3 EDLF is a combined exposure unit with automatic lid in size 90 x 120 cm (36" x 48") with integrated dryer (4 drawers) and light finisher.



EXPOSURE SECTION

- New cooling bed system to grant a uniform and constant temperature without any exposure time limit
- Vacuum system for analogic plates exposure
- Probe for temperature control
- High concentration of UVA lamps to ensure the highest UV output in its class
- Light integrator
- Lamps air flow cooling system with temperature control
- Optical fibers lamp control



DRYER SECTION

- 4 sealed drawers to prevent any leak of fumes
- Drying temperature reached in a very reduced time thanks to the new hot air generation and circulation system.

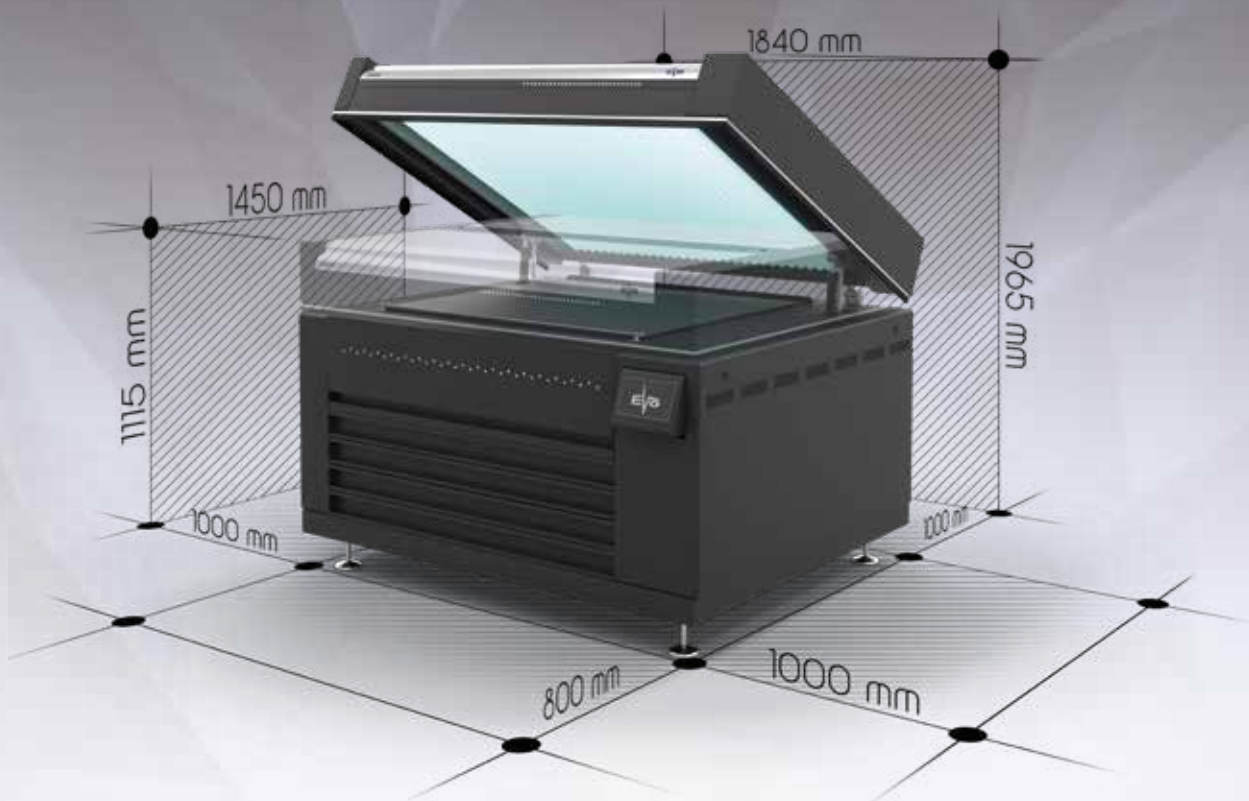


- Automatic pre-heat system
- Automatic switch off option
- Optimal T° uniformity thanks to 2 separate T° controls interfaces
- New air suction system design to ensure a faster plate drying


LIGHT FINISHING SECTION

- Auto combined UVA-UVC post exposure (simultaneous/consecutive/delayed)
- Air flow cooling system
- Optical fibers lamp control





Dimensions LxWxH

 1450 x 1840 x 1115 (open 1965) mm
57.1 x 72.4 x 43.9 (open 77.4) inches

Power supply



 400V 3PH/N/PE 50/60Hz 9.5kW 15A
230V 3PH/PE 50/60Hz 9.5kW 25A


Plate thickness

 Up to 7 mm / 0.276 inch

Solvent

 n/a

Packaging dimensions

 1950 x 1950 x 1500 mm | 950 Kg

Weight

750 kg | 1653 pounds



Maximum plate size

92 x 120 cm | 36 x 48 inches



Compressed air supply

min. 7 bar



Exhaust

1 x 60 mm Ø - 50-80 m³/h
2 x 140 mm Ø - 400-600 m³/h



Remote monitoring

Optional



Vianord
engineering
www.vianord.com
info@vianord.com

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Evo3 ELF



Evo3 Exposure + Light Finisher

The EVO 3 ELF is the version of the combined exposure unit in size 90 x 120 cm (36" x 48") without the dryer section.

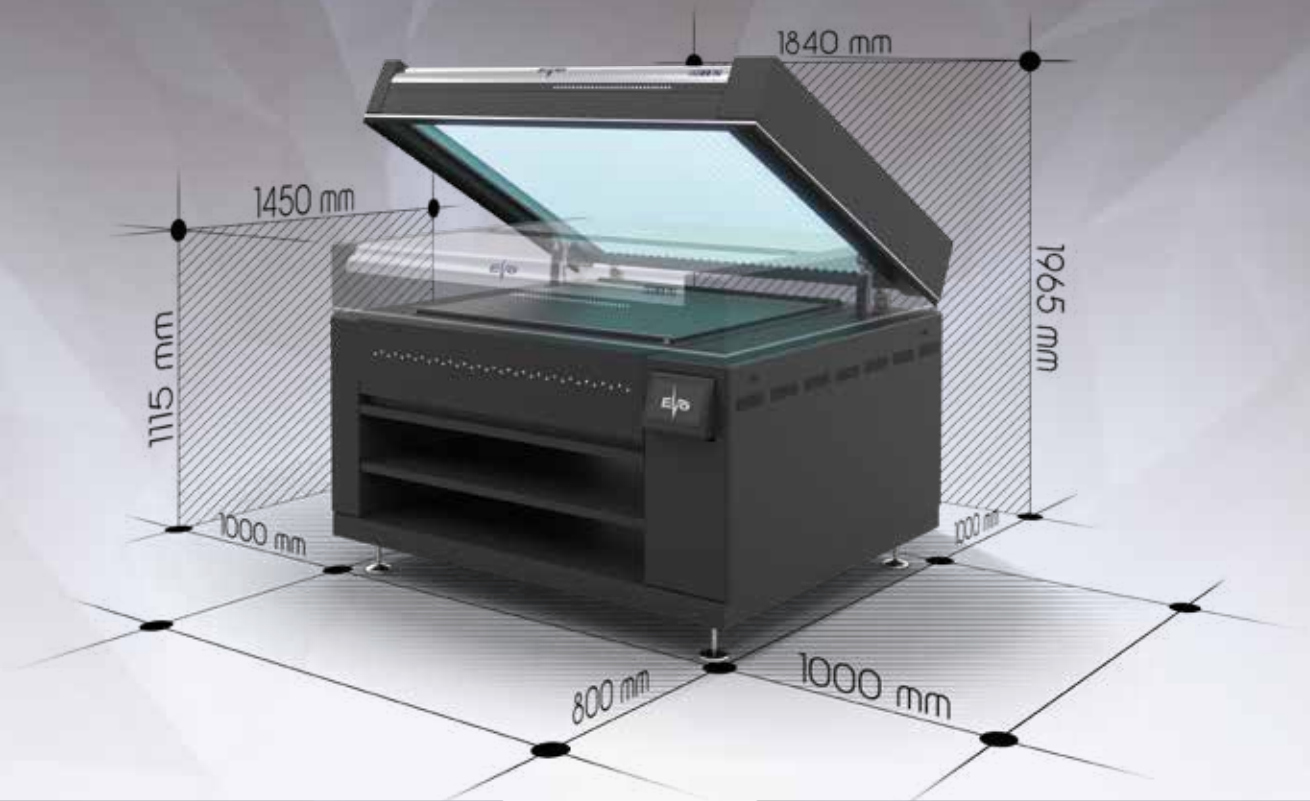
EXPOSURE SECTION

LIGHT FINISHING SECTION




- New cooling bed system to grant a uniform and constant temperature without any exposure time limit
- Vacuum system for analogic plates exposure
- Probe for temperature control
- High concentration of UVA lamps to ensure the highest UV output in its class
- Lamps air flow cooling system with temperature control
- Optical fibers lamp control

- UVA-UVC post exposure
- Air flow cooling system
- Optical fibers lamp control



Dimensions LxWxH

 1450 x 1840 x 1115 (open 1965) mm
57.1 x 72.4 x 43.9 (open 77.4) inches

Power supply



 400V 3PH/N/PE 50/60Hz 7kW 11A
230V 3PH/PE 50/60Hz 7kW 19A


Plate thickness

 Up to 7 mm / 0.276 inch

Solvent

 n/a

Packaging dimensions

 1950 x 1950 x 1500 mm | 950 Kg

Weight

650 kg | 1433 pounds



Maximum plate size

92 x 120 cm | 36 x 48 inches



Compressed air supply

min. 7 bar



Exhaust

2 x 140 mm Ø - 400-600 m³/h



Remote monitoring

Optional



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Evo 3 IP

Evo3 Incremental Processor

The Evo 3 IP is an incremental processor in size 90 x 120 cm (36 x 48 inch). This unit has a separate pre-wash section for digital plates with a separate tank to contain the black layer and preserve the fresh solvent. This unit is delivered along with a stand alone punching device



WASHOUT SECTION

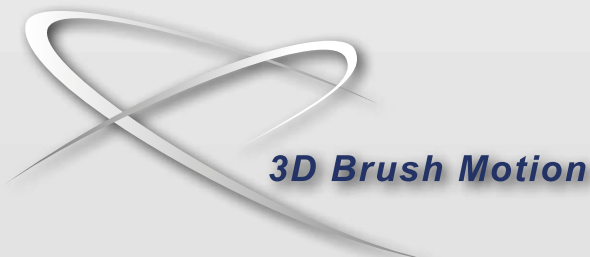


- Digital washout with separate pre-wash section to prevent contamination
- of the main washout solvent with black layer.
- 2 pre-wash brushes (oscillating and rotating)
- 8 washout brushes (oscillating and rotating)
- 1 top cleaning brush (oscillating and rotating)

- Constant solvent temperature thanks to water circulation serpentine
- The new "3D Brush Motion" system with servo drive motors enables a soft mechanical start
- which results in less vibrations and a much more quiet 3D machine. It also provides a constant and repeatable washout speed; in fact, the new system, adjustable from the display, automatically synchronizes the brushes rotation and oscillation speed to the plate transfer speed; so that bristles hit the plate, thin or thick, always at the same speed

OTHER FEATURES

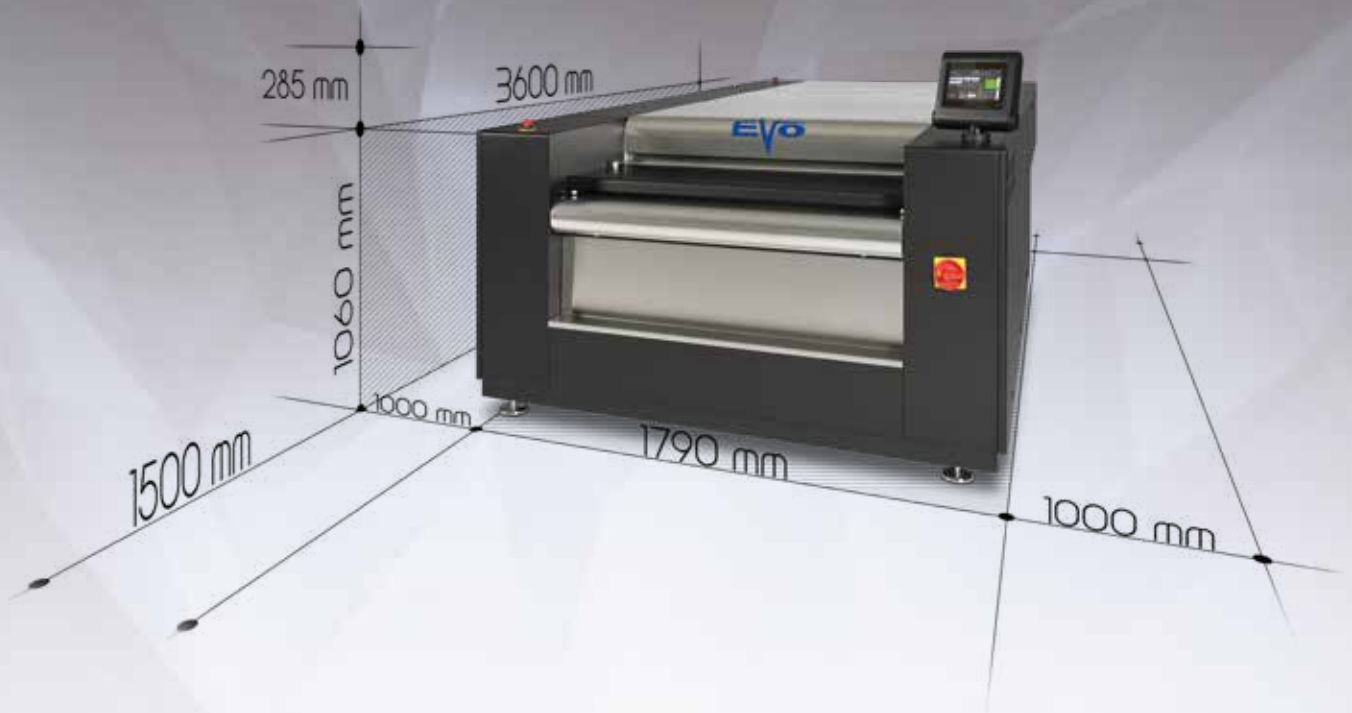
- 30 x 30 touch screen display
- Programmable automatic solvent warmup
- Automatic standby after the last plate processed
- Remote access (optional)
- Active component visualisation during the process
- Manual function to run the components separately
- Memorisation of the plate process parameters (up to 24 channels)



3D Brush Motion

- 1 wiping brush (oscillating and rotating)
- 2 back cleaning brushes (rotating)
- New volumetric pump and sensitive pressure sensor allow a higher precision solid content analyzer
- Automatic solvent replenishment system
- Fresh solvent consumption control over the machine life cycle and programmable over a time frame
- Fresh solvent flow regulation option on the touch screen





Dimensions LxWxH

 3730 x 1790 x 960 (panel 285) mm
146.8 x 70.5 x 37.8 (panel 11.2) inches

Power supply




 400V 3PH/N/PE 50/60Hz 6.5kW 10A
230V 3PH/PE 50/60Hz 6.5kW 18A


Plate thickness

 Up to 7 mm / 0.276 inch

Solvent

 min solvent volume for operation: 80 lts
max solvent volume for operation: 110 lts
max tank volume: 120 lts
solvent in & out pipes: 2 x 16 mm Ø

Packaging dimensions

 3830 x 2000 x 1380 mm | 1.350 Kg

Weight

1030 kg | 2271 pounds



Maximum plate size

92 x 120 cm | 36 x 48 inches



Compressed air supply

min. 7 bar



Exhaust

1 x 140 mm Ø - 600 m³/h



Remote monitoring

Optional



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