

Evo 4D

Evo4 Dryer

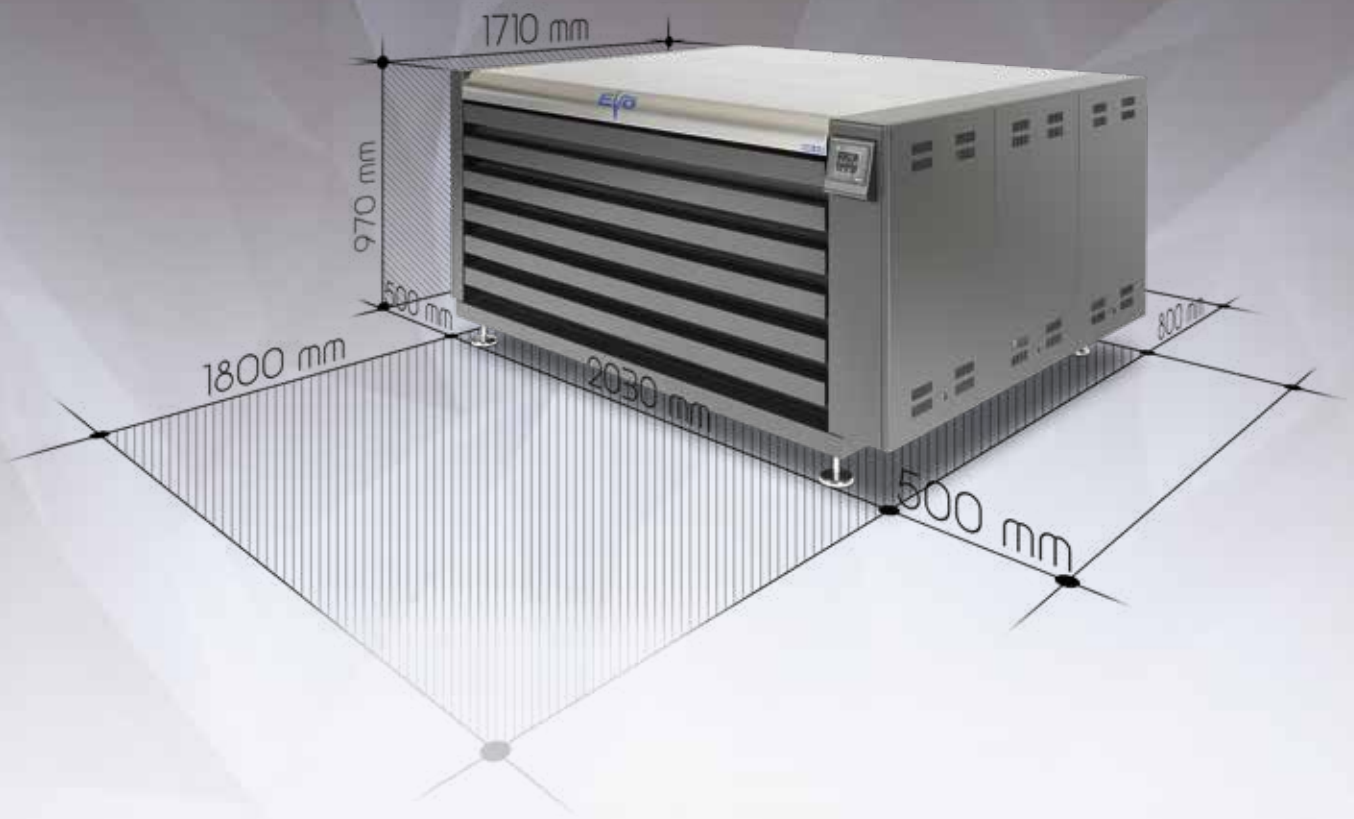
In addition to the innovative automatic units, Vianord also offers the standard dryer. This unit, for plates size up to 120 x 160 cm (47 x 63 inch), can be installed alone or combined with the Evo 4 LF on top.




DRYER FEATURES

- 60 Celsius degree hot air (140 degree Fahrenheit)
- 6 drawers with individual timers
- 3 heating sections with separate temperature control and air circulation (2 drawers each)
- Uniform temperature for excellent drying result
- Safety thermostat in every section
- Exhaust system integrated
- Safety device for exhaust control
- Touch screen operator display
- Programmable unit warm up
- Automatic switch off after last plate





Dimensions LxWxH

 1710 x 2030 x 970 mm
67.2 x 79.9 x 39.4 inches

Power supply



 400V 3PH/N/PE 50/60Hz 4.8kW 8A
230V 3PH/PE 50/60Hz 4.8kW 14A


Plate thickness

 Up to 7 mm / 0.276 inch

Solvent

 n/a

Packaging dimensions

 1950 x 2320 x 1490 mm | 850 Kg

Weight

620 kg | 1364 pounds



Maximum plate size

120 x 160 cm | 47 x 63 inches



Compressed air supply

n/a



Exhaust

1 x 80 mm Ø - 100 m³/h



Remote monitoring

Optional



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Evo 4DLF



Evo4 Dryer Light Finisher

Vianord offers this solution to combine in a unique unit the dryer and light finisher sections. This unit is available for plates size up to 120 x 160 cm (47 x 63 inch).

DRYER SECTION

- 60 Celsius degree hot air (140 degree Fahrenheit)
- 6 drawers with individual timers
- 3 heating sections with separate temperature control and air circulation (2 drawers each)
- Uniform temperature for excellent drying result
- Safety thermostat in every section
- Exhaust system integrated
- Safety device for exhaust control
- Touch screen operator display
- Programmable unit warm up
- Automatic switch off after last plate

LIGHT FINISHER SECTION:

- UVA + UVC lamps for post exposure and light finishing
- Programmable operation: simultaneous/separate/sequential
- Separate timers for UVA and UVC
- Automatic plate cooling with programmable time
- 24 programmable channels for different plate types
- Powerfull air exhaust with delayed stop for safe zone extraction
- Fiber optic lamp failure detectors
- Exhaust system integrated
- Touch screen operator display





Dimensions LxWxH



1670 x 2030 x 1260 mm
65.7 x 96.5 x 49.6 inches

Power supply



400V 3PH/N/PE 50/60Hz 9.5kW 15A
230V 3PH/PE 50/60Hz 9.5kW 26A

Plate thickness



Up to 7 mm / 0.276 inch

Solvent



n/a

Packaging dimensions



2780 x 1950 x 2230 mm | 1.320 Kg

Weight

1040 kg | 2292 pounds



Maximum plate size

120 x 160 cm | 47 x 63 inches



Compressed air supply

n/a



Exhaust

2 x 140 mm Ø - 1200 m³/h
1 x 60 mm Ø - 80 m³/h



Remote monitoring

Optional



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Evo 4E



Evo4 Exposure

The Evo exposure is an exposure unit in size 120 x 160 cm (47 x 63 inch) come with a newly designed temperature control system. The integrated chiller unit along with the new lamp air cooling system provide the most efficient and effective temperature control available.

A clamshell design with an automatic pneumatic lid hat contains integral safety switches to prevent accidental closing. Extremely high UV output, consistent and uniform due to our light integration system which automatically compensates for any UV output variation.

Lamp temperature is automatically regulated.

Lamp detection is accomplished through the use of fiber optics. The newly designed control display can be installed on either on


the left or the right side of the unit, depending on customer's preference.

The software can memorize and store up to 24 different process conditions for different plates being used.






Dimensions LxWxH

 2640 x 1740 x 1060 (open 2450) mm
103.9 x 68.5 x 41.7 (open 96.5) inches

Power supply

 400V 3PH/N/PE 50/60Hz 4.5kW 8A
230V 3PH/PE 50/60Hz 4.5kW 14A


Plate thickness

 Up to 7 mm / 0.276 inch

Solvent

 n/a

Packaging dimensions

 2930 x 1930 x 1590 mm | 1.200 Kg

Weight

920 kg | 2024 pounds



Maximum plate size

120 x 160 cm | 47 x 63 inches



Compressed air supply

min. 7 bar



Exhaust

n/a



Remote monitoring

Optional



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Evo4ELF



Evo4 Exposure Light-Finisher

The Evo Exposure Light Finisher is an exposure unit in size 120 x 160 cm (47 x 63 inch) this solution offers a modernized temperature control system. The integrated chiller unit along with the new lamp air/water cooling system provide the most efficient and effective temperature control available. This unit include a Light Finishing section with one drawer for UVA-UVC post exposure

A clamshell design with an automatic pneumatic lid hat contains integral safety switches to prevent accidental closing. Extremely high UV output, consistent and uniform due to our light integration system which automatically compensates for any UV output variation.

Lamp temperature is automatically regulated.

Lamp detection is accomplished through the use of fiber optics.

The newly designed control display can be installed on either on


the left or the right side of the unit, depending on customer's preference.

The software can memorize and store up to 24 different process conditions for different plates being used.





Dimensions LxWxH

 2640 x 1740 x 1060 (open 2450) mm
103.9 x 68.9 x 45.7 (open 96.5) 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

 2930 x 1930 x 1590 mm | 1.400 Kg

Weight

1120 kg | 2840 pounds



Maximum plate size

120 x 160 cm | 47 x 63 inches



Compressed air supply

min. 7 bar



Exhaust

1 x 160 mm - 1000m³/h



Remote monitoring

Optional



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Evo4IP



Evo4 Incremental Processor

Incremental processing unit for plate size up to 120 x 160 cm (47x63 inch). As all Vi-anord processors, it is equipped with a pre-wash section for digital plates with a separate tank for the black layer. During the washout the plate moves at a constant speed along the whole process.

- The Plate holder at the bottom of the machine allows the user to store rolled plates to avoid any damage and have them ready to use.
- The Pin bar storage section can carry up to 8 pin bars.
- The integrated automatic rollaway punch automatically opens when the front lid is opened. Then it is enough to position the plate in the device to have it pierced with precision. The number of times the punch pierces the plate is programmable according to the user's preferences.

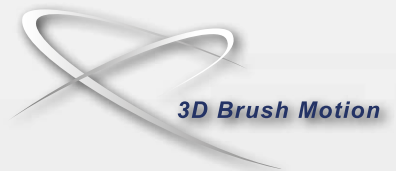


WASHOUT SECTION

- 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)
- 10 washout brushes (oscillating and rotating)
- 1 top cleaning brush (oscillating and rotating)
- 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

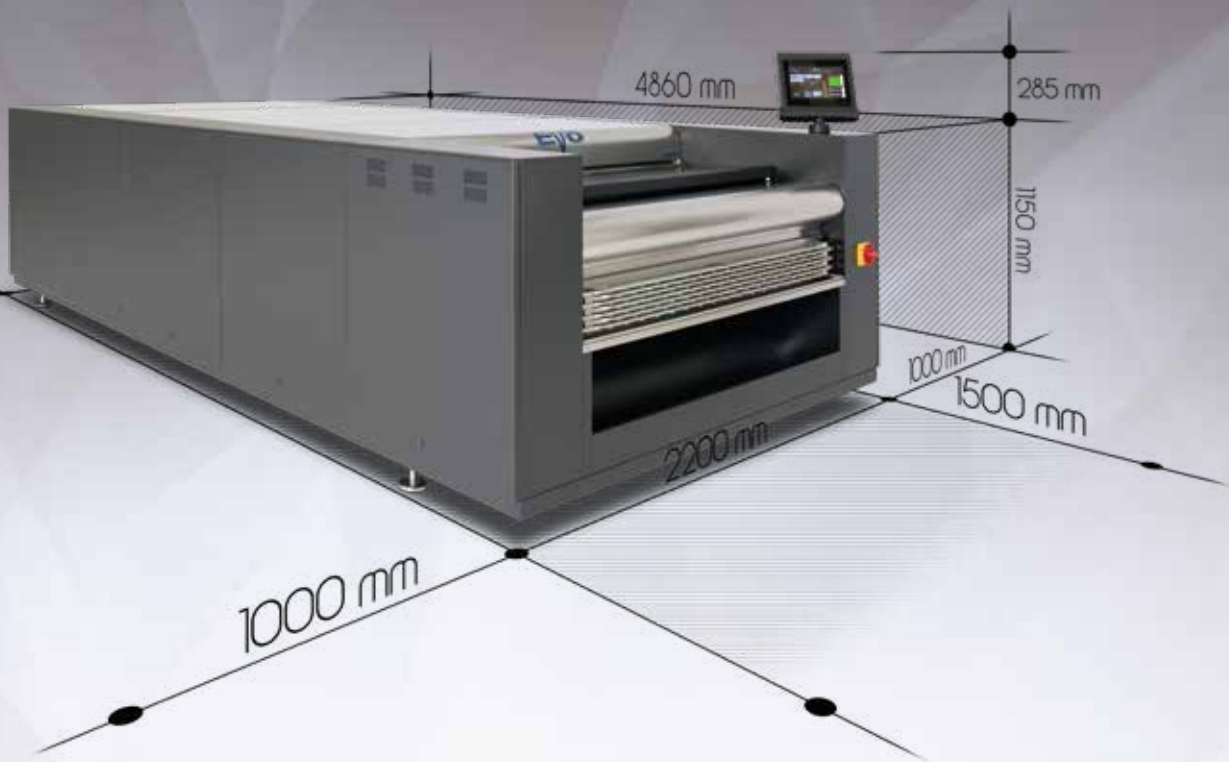


- Fresh solvent flow regulation option on the touch screen
- Constant solvent temperature thanks to water circulation serpentine
- The new "3D Brush Motion" system with servo drive motors enables a soft mechanical start
- which results in less vibrations and a much more quiet 3D machine. It also provides 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 cm rotating and tilting 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)





Dimensions LxWxH



4860 x 2200 x 1060 (panel 285) mm
191.4 x 86.6 x 45.3 (panel 11.2) inches

Power supply



400V 3PH/N/PE 50/60Hz 7.5kW 12A
230V 3PH/PE 50/60Hz 7.5kW 21A

Plate thickness



Up to 7 mm / 0.276 inch

Solvent



min solvent volume for operation: 134 lts
max solvent volume for operation: 170 lts
max tank volume: 190 lts
solvent in & out pipes: 2 x 16 mm Ø

Packaging dimensions: 2 crates



processor: 3060 x 2260 x 1490 mm | 1.765 Kg
plate exit: 2580 x 2260 x 1490 mm | 925 Kg

Weight

2100 kg | 4620 pounds



Maximum plate size

120 x 160 cm | 47 x 63 inches



Compressed air supply

min. 7 bar



Exhaust

1 x 140 mm Ø - 600 m³/h



Remote monitoring

Optional



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Evo 4LF

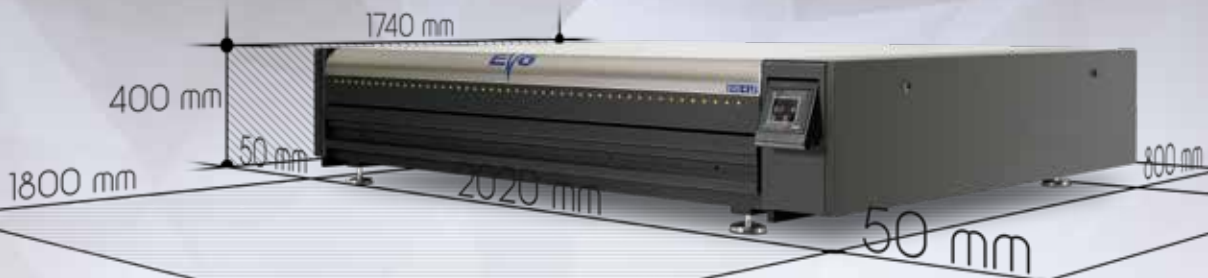
Evo4 Light Finisher

In addition to the innovative automatic units, Vianord also offers the standard light finisher. This machine, for plates size up to 120 x 160 cm (47 x 63 inch), has the possibility to be installed either above the Evo 4 D or within the Evo processor units on either side at customer's preference.




LIGHT FINISHER FEATURES

- UVA + UVC lamps for post exposure and light finishing
- Programmable operation: simultaneous/separate/sequential
- Separate timers for UVA and UVC
- Automatic plate cooling with programmable time
- 24 programmable channels for different plate types
- Powerfull air exhaust with delayed stop for safe zone extraction
- Fiber optic lamp failure detectors
- Exhaust system integrated
- Touch screen operator display




Dimensions LxWxH

 1740 x 2020 x 400 mm
68.5 x 79.5 x 17.7 inches

Power supply

 400V 3PH/N/PE 50/60Hz 4.2kW 7.5A
230V 3PH/PE 50/60Hz 4.2kW 13A


Plate thickness

 Up to 7 mm / 0.276 inch

Solvent

 n/a

Packaging dimensions

 1930 x 2200 x 1200 mm | 500 Kg

Weight

310 kg | 682 pounds 

Maximum plate size

120 x 160 cm | 47 x 63 inches 

Compressed air supply

n/a 

Exhaust

2 x 140 mm Ø - 600 m³/h 

Remote monitoring

Optional 



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