

# Evo 5BP



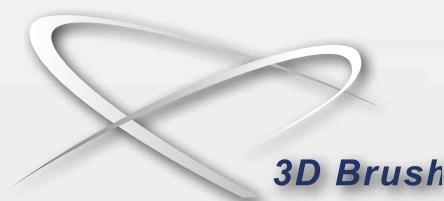
## Evo5 Batch Processor

The Evo 5 BP is a flexo batch processing unit in the size 132 x 203 cm (52x80 inch). As all Vianord processors, it is equipped with a pre-wash section for digital plates with a separate tank for the black layer. The batch processor comes in the extended size, with a very high washout speed: the plate enters the processor quickly, is fully washed at once, and exits rapidly. This unit is compatible with the Easy to Plate™ system.

- 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.

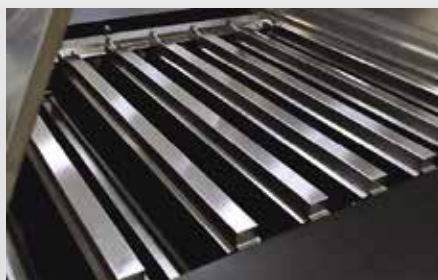


- Automatic solvent replenishment system
- Fresh solvent consumption control over the machine life cycle and programmable over a time frame
- Fresh solvent flow regulation option on the touch screen
- Constant solvent temperature thanks to water circulation serpentine
- The new "3D Brush Motion" system 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



### 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)
- 22 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




### 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

 6660 x 2200 x 1060 (panel 340) mm  
762.2 x 86.6 x 41.7 (panel 13.4) inches


### Power supply

 400V 3PH/N/PE 50/60Hz 9kW 15A  
230V 3PH/PE 50/60Hz 9kW 26A


### Plate thickness

 Up to 7 mm / 0.276 inch

### Solvent

 min solvent volume for operation: 170 lts  
max solvent volume for operation: 240 lts  
max tank volume: 260 lts  
solvent in & out pipes: 2 x 16 mm Ø


### Packaging dimensions

 processor: 4300 x 2260 x 1490 mm | 2.300 Kg  
plate exit: 2960 x 2260 x 1490 mm | 950 Kg

### Weight

2560 kg | 5632 pounds 

### Maximum plate size

132 x 203 cm | 52 x 80 inches 

### Compressed air supply

min. 7 bar 

### Exhaust

1 x 140 mm Ø - 600 m<sup>3</sup>/h 

### Remote monitoring

Optional 



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# Evo5D

## Evo5 Dryer

In addition to the innovative automatic units, Vianord also offers the standard dryer. This unit, for plates size up to 132 x 203 cm (52x80 inch), can be installed alone or combined with the Evo 5 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

 1800 x 2470 x 980 mm  
67.2 x 96.5 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

 2740 x 1990 x 1490 mm | 900 Kg

### Weight

650 kg | 1430 pounds



### Maximum plate size

132 x 203 cm | 52 x 80 inches



### Compressed air supply

n/a



### Exhaust

1 x 80 mm Ø - 100 m<sup>3</sup>/h



### Remote monitoring

Optional



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# Evo5DLF



## Evo5 Dryer Light Finisher

**V**ianord offers this solution to combine in a unique unit the dryer and light finisher sections. This unit is available for plates size up to 132 x 203 cm (52x80 inch).

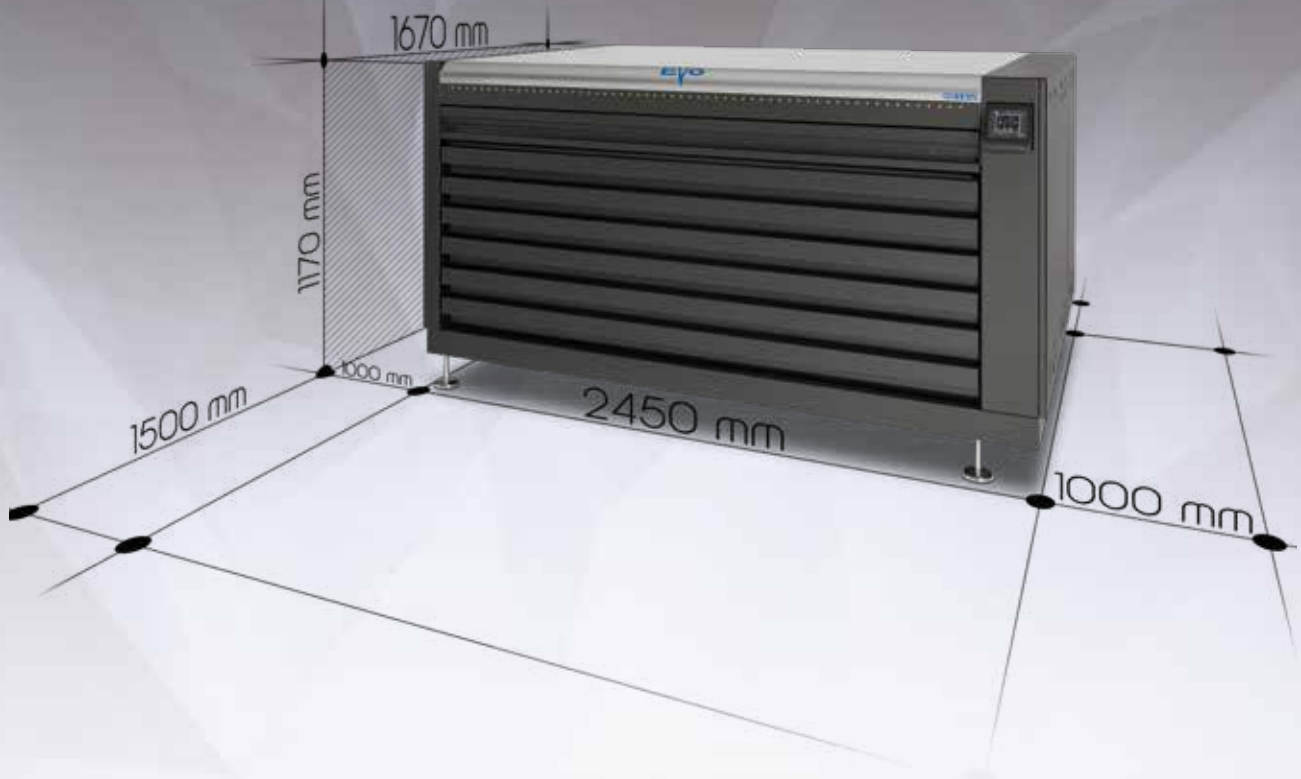
### DRYER SECTION

- 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 2450 x 1170 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 1930 mm | 1.350 Kg

### Weight

1040 kg | 2292 pounds



### Maximum plate size

132 x 203 cm | 52 x 80 inches



### Compressed air supply

n/a



### Exhaust

1 x 80 mm Ø - 100 m<sup>3</sup>/h  
2 x 140 mm Ø - 600 m<sup>3</sup>/h



### Remote monitoring

Optional



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# Evo5E



## Evo5 Exposure

The Evo exposure is an exposure unit in size 132 x 203 cm (52 x 80 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

 3200 x 1960 x 1060 (open 2450) mm  
126 x 77.1 x 41.7 (open 96.5) 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

 3480 x 2120 x 1490 | 1.350 Kg

### Weight

1020 kg | 2249 pounds



### Maximum plate size

132 x 203 cm | 52 x 80 inches



### Compressed air supply

min. 7 bar



### Exhaust

n/a



### Remote monitoring

Optional



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# Evo5IP



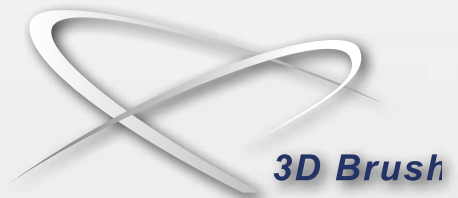
## Evo5 Incremental Processor

The Evo 5 IP is an incremental processing unit in the size 132 x 203 cm (52x80 inch). As all Vianord processors, it is equipped with a pre-wash section for digital plates with a separate tank for the black layer. The Incremental processor is reduced in size and the plate moves at a constant speed along the whole washout process. This unit is compatible with the Easy to Plate™ system.

- 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.



- 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



### WASHOUT SECTION

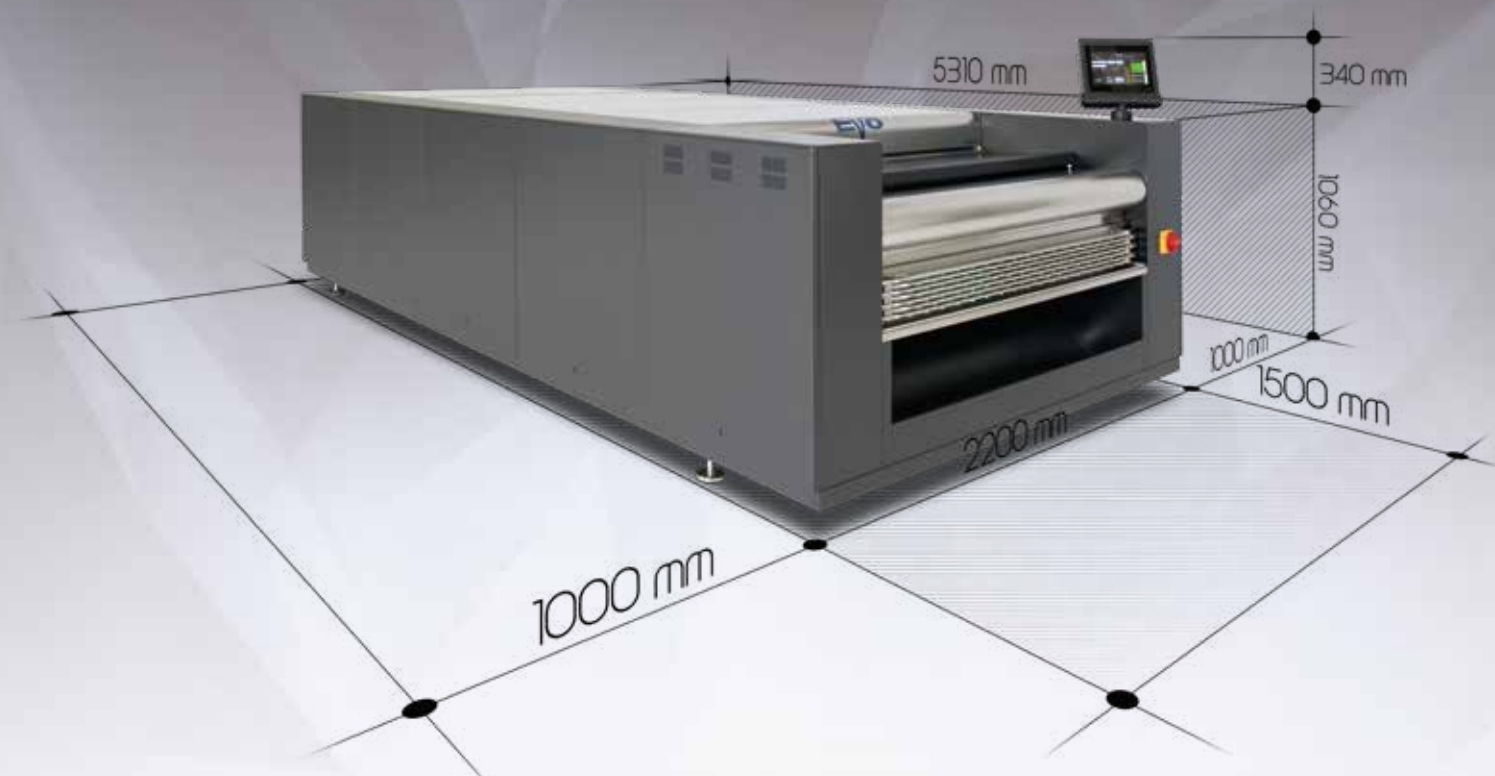
- Digital washout with separate pre-wash section to prevent contamination
- of the main washout solvent with black layer
- 2 pre-wash brushes (oscillating and rotating)
- 10 washout brushes (oscillating and rotating)
- 1 top cleaning brush (oscillating and rotating)
- 1 wiping brush (oscillating and rotating)
- 2 back cleaning brushes (rotating)
- New volumetric pump and sensitive pressure sensor allow a higher precision solid content analyzer




### 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

 5310 x 2200 x 1056 (panel 340) mm  
209.1 x 86.6 x 41.7 (panel 13.4) 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

 processor: 3060 x 2260 x 1490 mm | 1.765 Kg  
plate exit: 2960 x 2260 x 1490 mm | 950 Kg

### Weight

2150 kg | 4739 pounds



### Maximum plate size

132 x 203 cm | 52 x 80 inches



### Compressed air supply

min. 7 bar



### Exhaust

1 x 140 mm Ø - 600 m<sup>3</sup>/h



### Remote monitoring

Optional



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# Evo5LF

## Evo5 Light Finisher

In addition to the innovative automatic units, Vianord also offers the standard light finisher. This machine, for plates size up to 132 x 203 cm (52 x 80 inch), has the possibility to be installed either above the Evo 5 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 2440 x 400 mm  
68.5 x 96.1 x 17.7 inches


### Power supply

 400V 3PH/N/PE 50/60Hz 5.2kW 8.5A  
230V 3PH/PE 50/60Hz 5.2kW 14A


### Plate thickness

 Up to 7 mm / 0.276 inch

### Solvent

 n/a

### Packaging dimensions

 1930 x 2650 x 1200 mm | 520 Kg

### Weight

350 kg | 770 pounds



### Maximum plate size

132 x 203 cm | 52 x 80 inches



### Compressed air supply

n/a



### Exhaust

2 x 140 mm Ø - 600 m<sup>3</sup>/h



### Remote monitoring

Optional



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