

Evo 5BP



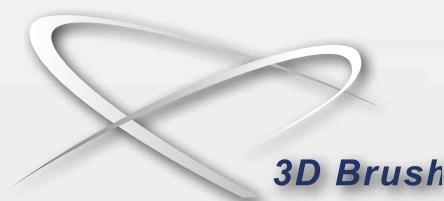
Evo5 Batch Processor

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.

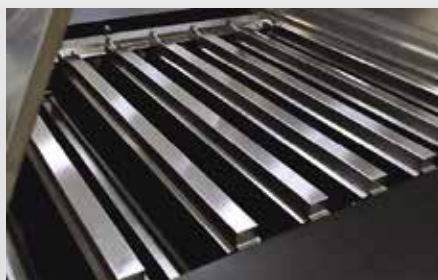


- Automatic solvent replenishment system
- Fresh solvent consumption control over the machine life cycle and programmable over a time frame
- Fresh solvent flow regulation option on the touch screen
- Constant solvent temperature thanks to water circulation serpentine
- The new "3D Brush Motion" system 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 m³/h 

Remote monitoring

Optional 



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

© 2015 Vianord. All rights reserved. The Vianord Logo®, Easy to Plate™ and Evo™ are registered trademarks or trademarks of Vianord Engineering SAS or its affiliates. All technical information set out herein is provided free of charge and is based on technical data, which Vianord believes to be reliable. It is intended for use by persons having skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use are outside of our control we make no warranties express or implied in relation thereto and therefore cannot accept any liability in connection with any use of this information. Vianord Engineering SAS reserves the right to change the specifications of its products at any time. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe any patents.