

## Evo5 batch processor (/products/evo-5/batch-processor)

Print

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.



The EVO 5 processors present several common innovations:

- The Plate holder at the bottom of the machine allows the user to store rolled plates to avoid any



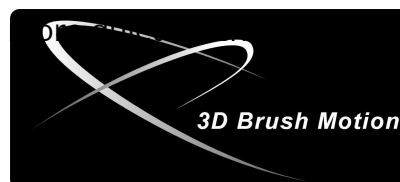
damage and have them ready to use.

- 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.

The Evo 5 BP is equipped with a bigger size (30 x 30 cm) rotating and tilting touch screen display compared to the Evo 5 IP version.

#### 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
- 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 provides a constant and repetible washout speed; in fact, the new system, adjustable from the display, synchronizes the rotation and oscillation speed to the transfer speed, so that bristles hit the plates, thin or thick, always at same speed.



## OTHER FEATURES:

- Programmable automatic solvent warmup
- Automatic standby after the last plate processed
- Remote access
- 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  
6640 x 2200 x 1110 mm (panel 340 mm)  
(261.4 x 86.6 x 56.7 in)

 Packaging  
4290 x 2270 x 1670 mm  
640 kg

 Weight  
1860 kg / 4092 pounds

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

Maximum plate size  
132 x 203 cm | 52 x 80 inches

Plate thickness  
Up to 7 mm / 0.276 inch

Compressed air supply  
min. 6 bar

