

Evo4 incremental processor (/products/evo-4/incremental-processor)



The Evo 4 IP is an incremental processing unit for plate size up to 120 x 160 cm (47x63 inch). As all Vianord processors, it is equipped with a pre-wash section for digital plates with a separate tank for the black layer. This unit is almost 50cm shorter than the EVO 5 IP version. During the washout the plate moves at a constant speed along the whole process.



The EVO 4 processor presents the same novelties and innovations of the EVO 5:

- 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

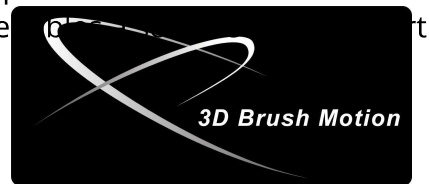


the plate is programmable according to the user's preferences.

The Evo 4 IP is also equipped with the EVO standard size (24 x 24 cm) rotating and tilting touch screen display.

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 which results in less vibrations and a much more quiet machine. It also provides a constant and repeatable 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
4800 x 2200 x 1110 mm
268.5 x 86.6 x 50.6 in



Weight
1650 kg | 3630 pounds



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

Maximum plate size
120 x 160 cm | 47 x 63 inches



Plate thickness
Up to 7 mm / 0.276 inch



Compressed air supply
min. 6 bar

