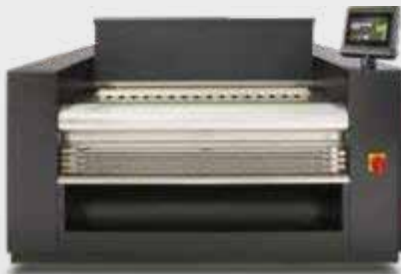# EVO4IP

Evo4 Incremental Processor

ncremental 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 lidis 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 3Dmachine. It also provides a constant and repetible 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

3D Brush Motion

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

Weight

2100 kg | 4620 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. 7 bar

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

Exhaust

1 x 140 mm Ø - 600 m³/h

Packaging dimensions: 2 crates

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

Remote monitoring

Optional