



## Evo4 Incremental Processor Full Automatic

The Evo 4 IP FA is the 120 x 160 cm (47x63 inch) incremental version of the Vianord FA (Full Automatic) series. The FA Processor is the latest module to complete the Easy to Plate™ system. On top of all the features of a standard Processor, the FA version includes a fully automatic plate entrance section designed to receive plates directly for the Evo LED module or from a connecting bridge (the configuration depends on the LASER brand/model). Once a plate enters the processor, all operations are performed without any human intervention: pin bars are automatically taken and put in position from the pin bar charger; the plate is first punched, then clamped on the pin bar and carried throughout the whole process.

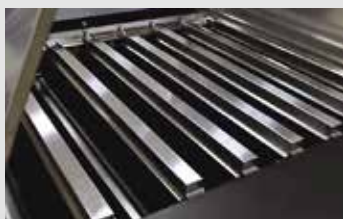
### PLATE ENTRANCE SECTION

- The side pin bar automatic charger stores up to 15 pin bars.
- The automatic punching system rolls up everytime the sensor identify an incoming plate. It punches the plate and goes back until the next one arrives.
- The clamping of the punched plate on the pin bar is taken care of automatically

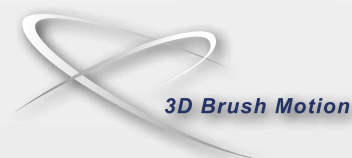


### WASHOUT SECTION

- 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



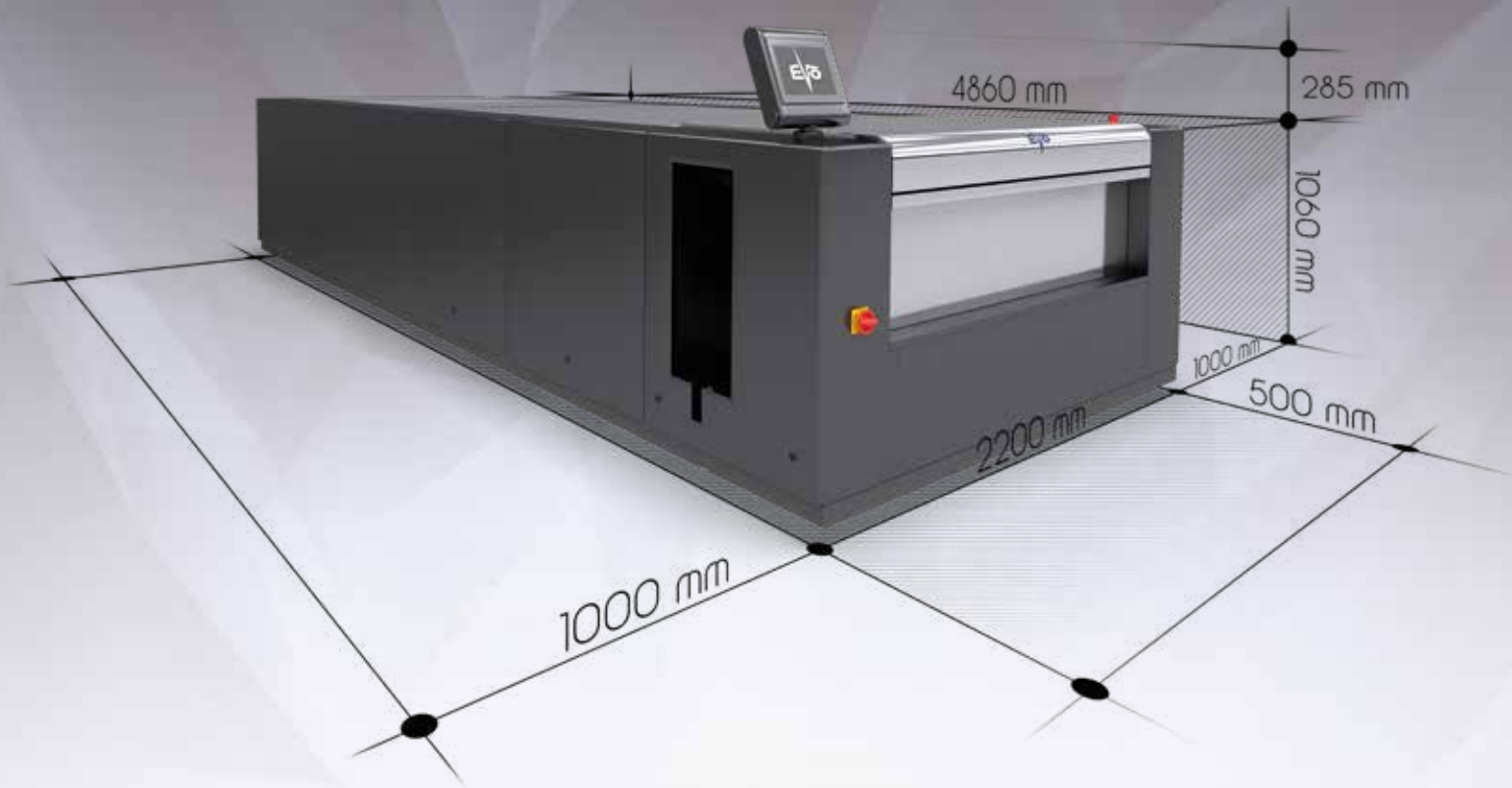
- Fresh solvent consumption control over the machine life cycle and programmable over a time frame
- Fresh solvent flow regulation option on the touch screen
- Constant solvent temperature thanks to water circulation serpentine
- The new "3D Brush Motion" system with servo drive motors enables a soft mechanical start
- which results in less vibrations and a much more quiet 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




### 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


### 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: 2 crates

 processor: 3060 x 2260 x 1490 mm | 1.815 Kg  
plate exit: 2580 x 2260 x 1490 mm | 925 Kg

### Weight

2150 kg | 4740 pounds



### Maximum plate size

120 x 160 cm | 47 x 63 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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