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nyloflex[®] Plate Inliner V-BP

**Modular processing line for flexographic printing plates,
including washer, dryer and light finisher**

**Large-size format, suitable for processing high quality photopolymer plates
up to a maximum size of 1320 mm x 2032 mm (52.0" x 80.0")**

Fully automated processing line combines premium equipment

- Automated modular plate processing line includes
 - Digital round brush washer with integrated plate feed holder and pin rack
 - Dryer including nine drying drawers
 - Light finisher (UV-A / UV-C)
 - Stacker with 8 drawers
- 28 gear driven round brushes
- Digital layer separation - pre-wash section to remove and separate the black mask layer; double solvent circuit and two tanks
- Temperature controlled washout solvent with regulated solvent saturation
- Supplied with 10 pin bars and an integrated punch

Outstanding productivity and consistency

- Efficient automation and high level of standardisation to
 - Improve plate and print quality
 - Minimise waste and failure rate
 - Subsequently reduce costs and claims significantly
- Short washout times for less plate swelling and reduced drying times
- Process visualization to shows the status of the different process section
- High capacity of more than 120 plates per day
- Fast plate transportation due to optional batch mode

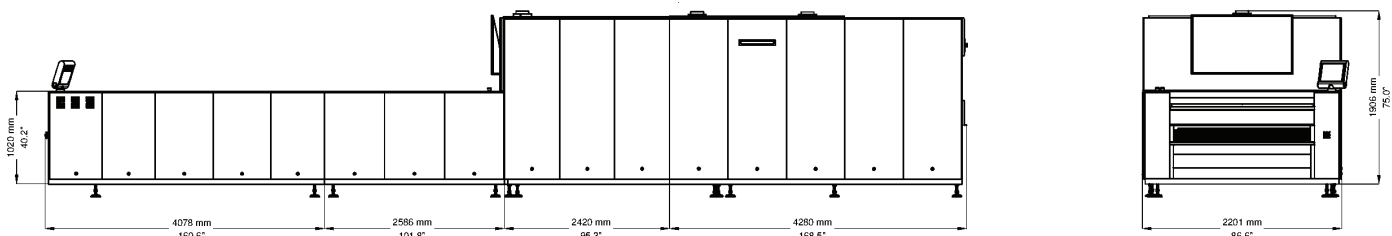
Easy and comfortable handling

- Touch screen - pictogram based operation for setup and control of all operations
- With flat screen and 6 cameras – real time video monitoring of machine status as early warning of any plate path issues
- Maintenance and diagnostics via remote control - warnings display the part number and part picture to minimize or prevent downtime
- Quick removal of washout brushes without any tools



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Equipment Dimensions



Technical data	nyloflex® Plate Inliner V-BP
Maximum plate size (W x L)	1320 mm x 2032 mm (52.0" x 80.0")
Minimum plate size (W x L)	200 mm x 200 mm (8.0" x 8.0")
Plate thickness	0.7 mm - 7 mm (0.028" - 0.276")
Electrical connection	400 V, 50/60 Hz (3 Ph/N/PE) / 230 V, 50/60 Hz (3 Ph/PE)
Nominal current	32 A / 55 A
Nominal power	25 kW
Exhaust air flow rate	min. 2400 Nm ³ /h (1400 CFM)
Tube type UV-A	80 W, TL 10R
Tube type UV-C	95 W, TUV
Compressed air	6 mm, 7 bar (0.24", 102 PSI)
Fresh solvent connection	Ø 16 mm
Waste solvent connection	Ø 16 mm
Weight (approx.)	6560 kg (14460 lbs) net – in total 7880 kg (17370 lbs) gross – in total
Crate dimensions (W x D x H) – 4 pcs.	4580 x 2260 x 1490 mm (180.3 x 89.0 x 58.7") – Washer 2970 x 2260 x 1490 mm (116.9 x 89.0 x 58.7") – Plate exit 2850 x 2260 x 2230 mm (112.2 x 89.0 x 88") – Dryer 4580 x 2260 x 2230 mm (180.3 x 89.0 x 88") – Lightfinisher/Stacker