

LF1, Digital Label Press

Semi Rotary Die Cutting machine with fully integrated AstroJet L1 Printer.

Highlights

- High quality: 1600x1600DPI
- Fully Servo Driven Die Cutting Unit
- Max. Web width of 230mm inline/250 offline
- Re-register with high accuracy
- Up to 18m/min. inline and 24m/min offline in semi rotary mode
- Unwind up to 450mm outer diameter (O.D.)
- Low ink cost



Servo Technology	Fully Servo Driven Semi and Full Rotary Die Cutting Unit with side registration +/- 5mm
Laminator	Built-in laminator for lined and linerless lamination film
Matrixrewinder	Easy Matrix stripping with built-in driven matrix strip roller
Digital Printer	The LF1 uses the AstroJet L1 digital printer with the latest Memjet technology
Slitting	High quality carbon coated razor knife slitting box with side registration +/- 5mm
Full Rotary	The F1 can be used to produce blank labels in full rotary mode
High Quality	High quality components offer high quality finishing with high accuracy and efficiency
Flexibility	Semi or Full Rotary, inline or offline, the F1 can do all your jobs.
Ergonomics	Easy and intuitive handling will allow the operator to get into digital world in no time!
Service	Quick, reliable and formless

Preliminary specifications

Astro L1 color labelprinter		Astro F1 Digital Finisher	
Print Resolution	Best: 1600 x 1600DPI Normal: 1600 x 800DPI	Max. Web width	250mm offline 230mm inline
Print Speed	Best: 9 m/min. Normal: 18 m/min.	Max. Unwind O.D.	450mm
Print sizes	215,9mm B x continuous length	Max. Rewind O.D.	300mm
Media types	Roll-to-roll or fanfold	Max. Speed Semi Rotary	24m/min.
Min. label Gap	No bleed: 3mm Full bleed: 5 mm	Magnetic Cylinder	406mm
Paper Thickness	Min.: 0,1 mm Max.: 0,3 mm	Die Cutting Accuracy	± 0.2mm
Media sizes	Min.: 25,4mm x 25,4mm Max.: 230 mm B x 1905mm	Dimensions LxBxH	2700x950x 1700mm
Media sensor	continuous, blackmark, diecut	Min. Die Cutting Format	165mm
Software	Windows Printer Drivers for Windows, 8; 8.1; 10 RIP available	Max. Die Cutting Format	381mm
Connection	USB 2.0 and Ethernet connection	Max. Laminate O.D.	300mm
Printhead	interchangeable Memjet printhead	Digital Printer	Memjet
Ink	cartridges of 250 ml Water-based inkjet CMYKK	Slitting with lateral registration	Razor Slitting
Dimensions	51,4 cm x 56,5 cm x 34,3 cm	Voltage (no ELCB)	110V-220V, 50-60Hz