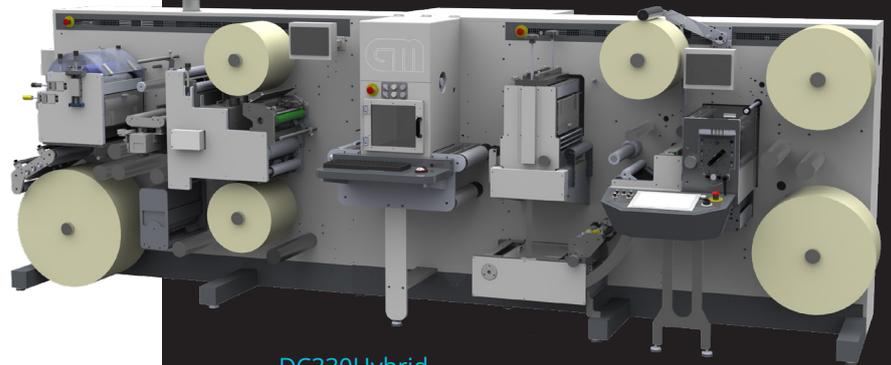


LC330 & DC330Hybrid

Compact Laser & Hybrid Finishing



DC330Hybrid



LC330

SPECIFICATIONS	METRIC	IMPERIAL
Web width	50 - 330 mm	2 - 13"
Substrate thickness	20 - 200 µm	0.8 - 8 pt.
Max machine speed	72 m/min	236 ft/min
Laser Die		
Power	150, 250 or 350W	
Laser type	Sealed, single head pulsed CO2	
Laser spot size		
Die Station (DC330Hybrid)		
Semi-rotary speed	50 m/min	164 ft/min
Full-rotary speed	72 m/min	236 ft/min
Die plate size (with standard 25" cylinder)	50 - 558,8 mm	2 - 22"
Unwinder		
Diameter max.	700 mm	27.5"
Core diameter	76,2 mm	3"
Rewinder		
Diameter max.	500 mm	19.5"
Core diameter	25 - 152 mm	1 - 6"
Flexo Station		
Varnishing roller	228,6 - 482,6 mm	9 - 19"
Spot varnish option with registration and slow run		
Slitting Station		
Knife type	Pneumatic crush, shear, razor or autoslitting	
Minimum distance crush	12,7 mm	0.5"
Minimum distance shear	10 mm	0.4"
Minimum distance shear (automatic setup)	20 mm	0.8"
Dimensions LC330 (WxDxH)	3,6 x 2,3 x 2,1 m	11.9 x 7.6 x 6.9 ft
Dimensions DC330Hybrid (WxDxH)	4.9 x 2.3 x 1.6 m	15.9 x 7.6 x 5.4 ft

The **LC330** is a compact, economical and fully digital laser finishing machine. Simply download the file from the pre-press department and the laser module is ready. The system can be fitted with an optional barcode reader for faster re-load of existing jobs. The laser power ranges from 150-350W (400-1000W peak). It is possible to cut with different power levels on the same label. The standard **LC330** has laser die, slitting and dual rewind. The unit is prepared for flexo varnish, spot varnish, lamination, cold foil and GM SmartSlit station.

The standard **DC330HYBRID** configuration is a unique combination of both conventional and digital cutting systems and gives the benefits of both worlds. Fast delivery with the laser and high speed operation for long runs on the conventional cutting system.

The machines support multiple laser processes and the laser beam will kiss-cut, slit, perforate and ablate most materials used in the label industry. This eliminates both the vast tooling costs and downtime for setups of mechanical dies, while at the same time increasing your design possibilities to more complex and intricate arrangements of high accuracy. On the **LC330** we have opted out the standard analogue position system in favor of a fully digital position system. This solution offers excellent register (X & Y) and cut depth control (Z), which gives you greater flexibility in the design of labels and an increase in precision and quality of label edges.

LC330 & DC330Hybrid

Features and options

- Fully digital mirror system for superior laser cut quality
- High-performance LUXINAR sealed lasers
- Precise register and cut depth control
- Excellent choice for digital label press
- Zero changeover time
- Job change on the fly
- No die plate cost
- Online support and remote diagnostics
- Industry 4.0 ready



Easy to use windows software. The system is compatible with Adobe Illustrator and works with PDF, SVG and SLD files.



Barcode reader for fast reload of existing jobs. The reader supports QR codes that can be printed on the web.



The **UV Flexo** varnish station with optional registration allows the higher level of embellishment with spot and Super Gloss varnish



GM SmartSlit - automatically positions up to 16 knives in 2 minutes, saving valuable time on short run jobs.

Quick delivery

With zero setup time for existing jobs and a few minutes minutes setup for new jobs, this system faces the challenges of smaller runs and shorter lead times, ensuring day-to-day delivery of labels. An investment in the laser will give you continuous production and unlimited repeat lengths to increase efficiency and productivity.

Cost savings

Save the cost of buying conventional die plates, and spare the time spent setting up a new job. The laser will increase the flexibility of your production facility to take on short runs and lead times.

Compatibility

The laser software works well with Adobe Illustrator and reads the most common data formats (PDF, SVG, SLD). Ethernet support for Windows file access.



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