

LABELMASTER

The fastest, most complete and professional “roll-to-roll”, “roll-to-sheet” and “roll-to-stickers” laser die cutting and digital finishing system.

Labelmaster is available in two configurations to process rolls up to 350 mm and up to 600 mm in width.

- **Labelmaster** is the innovative system designed for roll materials converting processes within the packaging & labeling industry: it is the ultimate modular digital and traditional finishing solution in the market. Labelmaster can be configured when purchased and also later straight “on the field”.
- Possible finishing: laser die-cutting, laser kiss-cutting, laser micro perforation, laser marking, semi-rotary mechanical die-cutting, flexographic varnishing, semi-rotary selective flexographic varnishing, semi-rotary hot stamping, self-wound lamination, lamination with liner, labels shifter, sheeting, slitting, stickers cutting, detecting.
- Processable materials: PAPER, PET, PP, BOPP etc.
- **Labelmaster** is a Class 1 product in compliance with CEI EN 60825/1.
- It is the first and only laser labels die-cutting system available from 1 to 4 laser units.



Semiautomatic roll change turret



Laser die-cutting module



Winder





LABELMASTER

Main technical features:

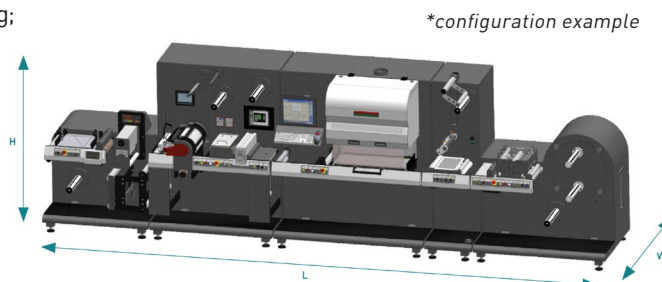
Configurations	WEB 350	WEB 600
Max speed	100 mt/min	
Roll Min. width	101,6 mm [4"]	
Roll Max width	360 mm [14,17"]	600 mm [23,62"]
Roll Max diameter	610 mm [24"]/1000 mm [39,37"]	610 mm [24"]
Roll Max weight	90 Kg [198,42 lb] / 250 Kg [551,15 lb]	90 Kg [198,42 lb]
Standard interchangeable expandable shafts	Ø 76 mm [3"]	
Electronic pitch control	± 0,05 mm	
Supply voltage	400 Vac, 3ph, 50 Hz, N, G.	
Cooling	H ₂ O Closed circuit (Chiller)	
Focal (350 x 350 mm)	440 mm	
Frequency	0,1 – 50 kHz	
Pumping	RF exited	
Source	CO ₂ sealed	
Type	3-axis scanning heads with galvanometric motors and automatic safety shutter	
Typical power	150/300/500 W	
Peak power	300/600/1000 W	
Norm compliance	2014/35/EU Low Voltage Directive	
	2006/42/CE Machinery Directive	
	2014/30/EU Electromagnetic Compatibility Directive	
	IEC EN 60825-1 Laser Safety	

Opzioni:

- Bar Code and QR Code reading - "on-the-fly job change";
- Automatic workflow integration * .xml * .jdf;
- Longitudinal slitting up to 24 knives;
- Cross cutting liner back-scorers for stickers;
- Motorized automatic slitting;
- Scissor and pressure type knives;
- Semi-rotary mechanical die-cutting;
- Semi-rotary hot stamping with foil saver;
- Turret for quick rolls change;
- Interchangeable rewinders with different diameters;
- Flexo varnishing;
- Semi-rotary flexo varnishing;
- Corona treatment unit;
- Self-wound lamination and with liner;
- Waste matrix rewriter with label shifter and back-scorers;
- Waste collector or conveyor for through cut;
- Long buffer with web guide;
- Fumes extraction and fumes exhaust;
- Cutting from roll to roll;
- Cutting from roll to stickers;
- Cutting from roll to sheet;
- Missing labels inspection and detection.



L 5850 mm
W 1200 mm
H 2300 mm



Motorized slitting



Unwinder

