Technical Specifications

Input / Output max. roll diameter:	200 mm (7.87″)	
Media width:	100 mm (3.93″) - 140 mm (5.51″)	
Max. cutting width:	122 mm (4.80″)	
Label length:	10 mm (0.39″) - 350 mm (13.77″)	
Min. slitting width:	19 mm (0.75″)	
Number of slitting blades:	Max. 6	
Roll core size:	76 mm (3″)	
Max. media thickness:	0.23 mm (0.05 mil)	
Max. cut speed:	600 mm/s (24 in/s) in all directions	
Controls:	Integrated 11.6″ touch screen PC	
Power requirements:	100 V-240 V AC, 50/60 Hz	
Energy consumption:	29 W Idle, 60 W Active (100 W peak)	
Certifications:	UL, UL-C, CE, FCC Class A	
Dimensions (WxHxD) and weight:	**LF140e:**	116 cm x 68 cm x 78 cm 105 kg
	Work table:	124 cm x 79 cm x 88 cm 49 kg
	Shipping palette:	137 cm x 93 cm x 101 cm
	Total weight:	210 kg
Warranty:	3 years (wearable parts 1 year)	

Plotter Specifications

Linear cut speed:	Dependent on shape complexity
Programmable cutting force:	4.41 N (450 gf) in 38 steps
Cut precision:	+/- 0.3 mm (0.012″)
Drive method:	Digital servo drive
Test cut function:	Yes
Black mark registration:	Camera recognition via 2 mm² or 4 mm² blackmark
Display:	Graphic type LCD with backlight (240 dots x 128 dots)
Cut ability:	Printed and blank media
Data interface:	RS-232C / USB 2.0
CPU:	32-bit CPU
Interface & Software:	DTM Print LF140e Label Finishing Software
Certifications:	UL, UL-C, CE, FCC Class A
Manufacturer:	Graphtec

LF140e Benefits in Comparison

- Open frame construction - easy media loading with an open front side
- Ultrasonic media tension control - means no moveable sensor parts to fail
- Camera sensing - more accuracy and speed in cutting
- Blank label production - converting blank stock into die-shaped rolls for printing afterwards
- Matrix pressure roller - to avoid media jam on complex matrix shapes by flattening the uptake material
- Remote assistance - if connected to the internet we can offer online support and remote FW/SW upgrades
- Steel workbench - for precise levelled installation whilst still moveable on site
- Proudly made in Europe with a solid 3 years warranty (wearable parts 1 year)

For free label samples send an email to: **sales@dtm-print.eu**

Scan the QR Code to see the DTM LF140e product video or visit our YouTube channel: **www.youtube.com/c/dtmprint**

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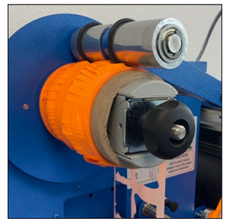
DTM LF140e Label Finishing System

Digital on-demand short to medium run label converting machine

The DTM LF140e is a compact, out of the box, finishing system that makes the converting process of your continuous label roll stock easier than ever. Unwinding, laminating, digital die-cutting, matrix removing, slitting and rewinding – all combined in a powerful machine which takes only minutes to set-up and run.

Unlike other systems the LF140e features latest technology from ultrasonic sensing to camera black mark detection and a large 11.6″ touch panel for operation. Made in Europe and with a solid warranty of 3 years the LF140e will serve your needs for years to come.



Waste Press Roll

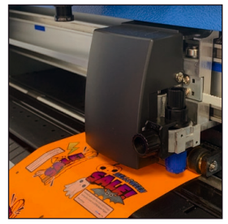
Press roll reduces the inflation of the roll.

Matrix Removal

Industrial-grade 11.6” Touch Screen

Windows 10 based with extended connectivity: 6 x USB 2.0/3.1, RJ-45 1 GB Ethernet and WLAN.

LED Spotlight



Digital Die-Cutting

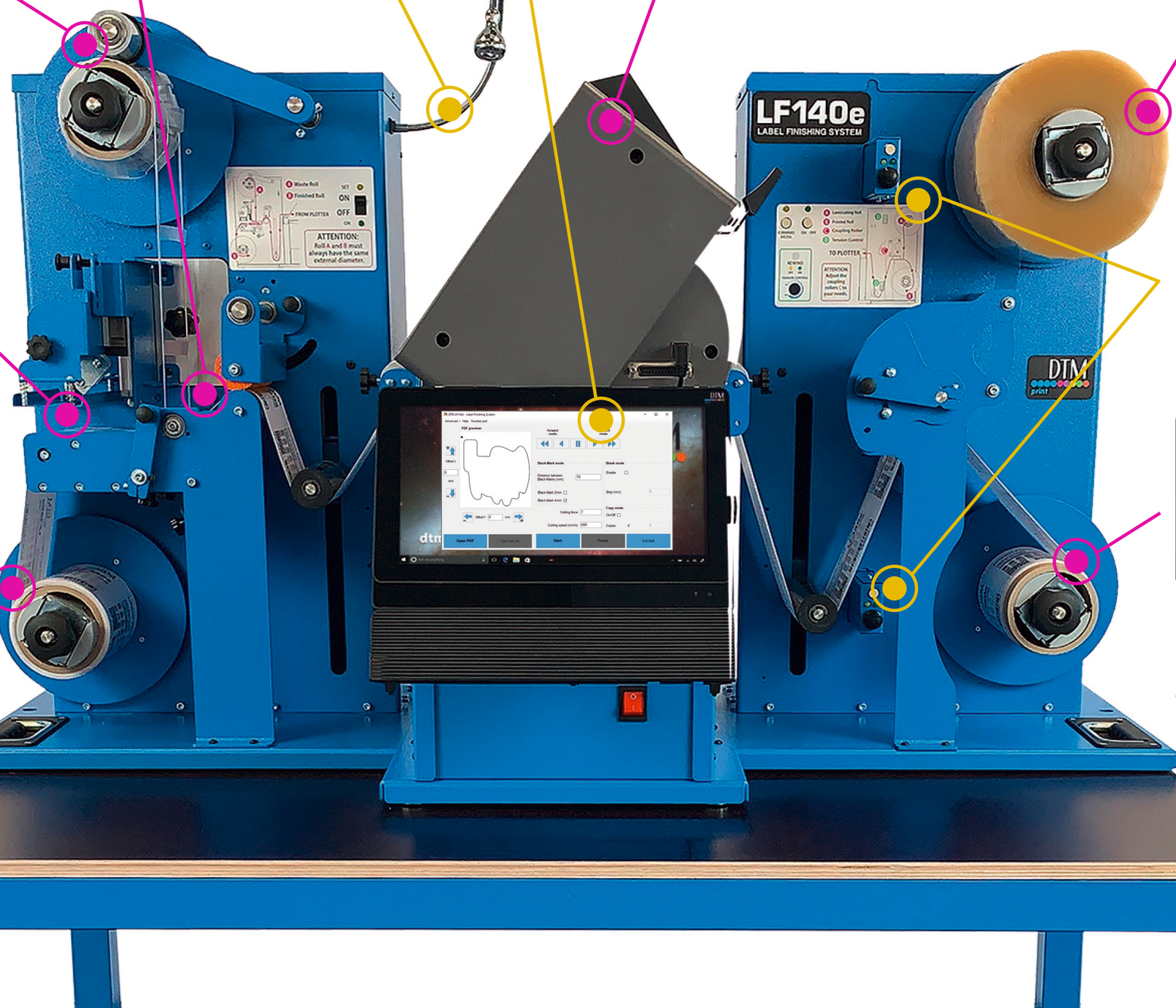
With a maximum cutting speed of 600 mm/s and up to 450 gf cutting force for accurate results.

Laminating

Optional laminate film to protect your label against harsh environments or applying specific surface structure as an extra finish.

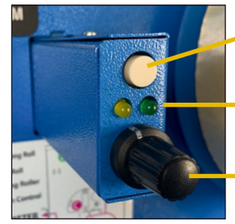
Liner Slitting

Can hold up to 6 blades to slit the web into finished rolls.



Ultrasonic Media Tension Control

Measure the outside diameter of the rolls and adjust the web tension.

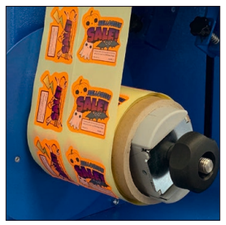


On/Off

Stop/Go indicator

Manual tension control

Rewinding



Roll feed

Printed media requires an im-printed black mark (2 mm x 2 mm or 4 mm x 4 mm), unprinted media can be cut continuously.

Solid Steel Bench on Wheels

45 mm x 45 mm x 1.5 mm welded frame with powder coating.

Solid Wooden Desktop

and lower storage shelf made of 15 mm multilayer panel with block screen print.