

## Technical Specifications

<b>Input / Output</b>	
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
<b>Dimensions (WxHxD) and weight:</b>	<b>LF140e:</b> 116 cm x 68 cm x 78 cm 105 kg
	<b>Work table:</b> 124 cm x 79 cm x 88 cm 49 kg
	<b>Shipping palette:</b> 137 cm x 93 cm x 101 cm
	<b>Total weight:</b> 210 kg
<b>Warranty:</b>	3 years (wearable parts 1 year)

## Plotter Specifications

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

## 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.



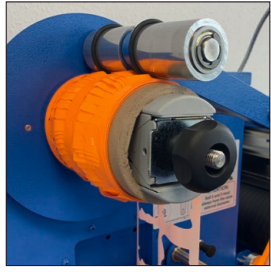
For free label samples send an email to: [sales@dtm-print.eu](mailto:sales@dtm-print.eu)

Scan the QR Code to see the DTM LF140e product video or visit

our YouTube channel: [www.youtube.com/c/dtmprint](http://www.youtube.com/c/dtmprint)

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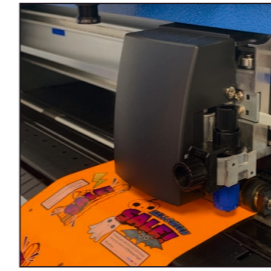
### Waste Press Roll

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.



### Digital Die-Cutting

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



### Laminating

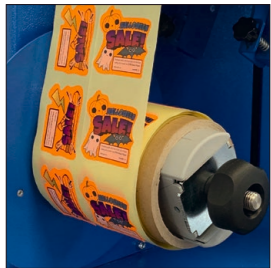
Optional laminate film to protect your label against harsh environments or applying specific surface structure as an extra finish.



### Liner Slitting

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

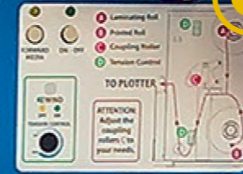
### Rewinding



### LED Spotlight

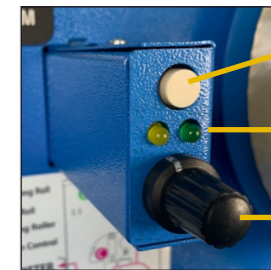


### LF140e LABEL FINISHING SYSTEM



### Ultrasonic Media Tension Control

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



On/Off

Stop/Go indicator

Manual tension control

### Roll feed

Printed media requires an imprinted 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.

