



DTM FX810e Foil Imprinting System

Industrial-grade thermal foil printer for up to 220 mm wide labels

Add sparkling effects to your pre-printed or blank wide format labels or print metallic highlights to transparent and pre-coloured substrates. The industrial-grade FX810e Foil Imprinting System by DTM Print features a robust metal housing and is ready for your heavy-duty jobs. The colour touchscreen simplifies the navigation and offers an intuitive user experience. The optional guillotine cutter (FX810ec) allows you to precisely cut continuous, reflective and die-cut label stock.

Use the FX810e as an optional accessory to any inkjet, laser, LED or thermal label printer, or solely for favourable foil printing only. Whether you're looking for printing simple text or bar code or the full potential of borders, graphics, backgrounds and more: The FX810e prints virtually any design!

Not only shiny metallic foils in gold, silver, blue and red are available for the FX810e, but also various spot colours and clear foil. Clear foil lets you produce labels with partial glossy add-ons, perfect for logo design or other graphical areas on your label.



Technical Specifications

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| Print Method: | Thermal transfer & direct thermal |
| Print Resolution: | 300 dpi (12 dots/mm) |
| Max. Print Speed: | 101.6 mm (4") per second |
| Max. Print Width: | 219.5 mm (8.64") |
| Max. Print Length: | 1016 mm (40") |
| Media Width: | 108 - 255 mm (4" - 10") |
| Media Thickness: | 0.05 - 0.25 mm (0.002" - 0.01") |
| Media Types: | Roll-fed continuous, die-cut or black mark labels or tags; roll-fed tags with hole |
| Media Sensing: | Movable reflective sensor and central aligned transmissive sensor |
| Supply Media Roll: | 38.1 - 76.2 mm (1.5-3") ID core with max. 254 mm (10") OD |
| Ribbon Width: | max. 220 mm (8.66") Recommendation: Choose the ribbon width depending on your layout. If your layout covers only 100 mm of the label, use a 100 mm wide ribbon roll. |
| Max. Ribbon Length: | 300 m (981") |
| Supply Ribbon Roll: | 25.4 mm (1") ID core with max. 68 mm (2.67") OD |
| Ribbon Types: | Wax, wax/resin, resin Recommended Ribbons: DTM Print certified thermal transfer ribbons in metallic colours (gold, silver, blue, red), spot colours and clear foil |
| Included: | Sturdy external passive label unwinder |
| Data Interface: | USB 2.0, Ethernet 10/100 |
| Electrical: | 100-240 V AC, 50/60 Hz 140 watts; Standby 9,6 watts |
| Software (included): | NiceLabel Free 2019 DTM Edition |
| Operating Systems: | Windows 7/10 |
| Printer Language: | EZPL, GEPL, GZPL |
| Indicator Lights: | Power/Standby, Feed/Pause/Cancel (Ready: Green, Error: Red) |
| Controls: | Power/Standby button with dual colour LED frame, Feed/Pause/Cancel dual-coloured button (Ready/Error), calibrate button at rear panel |
| Certifications: | CE, FCC Class B, RoHS |
| Weight: | 11.7 kg |
| Dimensions (WxHxD): | 432 mm x 224 mm x 221 mm |
| Note: | Colour label printers are not included in the price of the FX810e Foil Imprinting System. |
| Options: | FX810e FX810ec cutter module RW-7 External Label Rewinder RW-8 External Label Rewinder |
| Manufacturer: | DTM Print GmbH |

Flexible decoration or solid printing of wide labels!

It's a fact: The more highlights, the more attention. That's why hot-stamping on labels has been popular for so many years.

However, hot-stamping has a number of challenges: Expensive set-up costs, ordering a die takes time. You can't change the image without incurring more expenses. And there's almost always a minimum run of thousands of labels.

DTM's FX810e Foil Imprinting System changes all of that. Easily add brilliant, shiny elements to your pre-printed or blank product labels. Shiny metallic decoration and partial glossy clear elements on labels make your products stand out at retail, helping you sell more.

Want to keep it simple and less adventurous? Choose favourable one colour printing (e.g. black only) for either adding data to a pre-printed label or print single-colour labels fast and accurate.

Print as few or as many at a time as you actually need and print as small or as large labels as you want. The FX810e adapts perfectly to your needs.

User friendliness out of the box

From initial set-up to full operation, the FX810e is easy to use. Plus, everything you need to start printing labels is included in the box.

Each FX810e/FX810ec ships with:

- NiceLabel® Free 2019 DTM Edition label design software
- One starter ribbon black 220 mm + four metallic ribbons 100 mm each (gold, silver, red and blue)
- Passive Label Unwinder for rolls with up to 10" outer diameter

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