

XEIKON FEU

Fusion Embellishment Unit

Powered by MGI

- Full digital embellishment solution
- Faster time to market
- Easy proofing for new designs
- Improved TCOP VS Conventional in smaller volumes
- Increased flexibility
- Xeikon support and service
- One stop shop for hardware, consumabels and service





XEIKON FEU specifications



2D SPOT VARNISH 3D SPOT VARNISH

3D **TEXTURED**

2D **HOT FOIL**



HOT FOIL

HOLOGRAM

* White or transparent synthetics, PP, PE, POPP, PET * Light cardboard / Folding carton

* Shrink film: PVC. PETG

Unwinder

From 50 up to 400 microns.

* Self-adhesive labels

Maximum roll diameter capacity of 850 mm (33.4") Standard inside core diameter 3 inches. Maximum roll weight +/-120 kg (264 lbs)

* Coated, uncoated and textured paper, film or label

Up to 42 m/min (depending on application)

From 100 mm (3.93") up to 420 mm (16.53")

The maximum image width is 405 mm (15.9")

UV Flexo Station

Printing Speeds

Finishing Width

Substrate Types

Supported Web Widths

An integrated flexo station for full size sleeve coating in rotary.

Spot UV Coating and Embossing Station

This station uses award winning inkjet technology for producing spot uv coating. Any defined label area can receive spot uv coating with or without raised 3D texture effects.

Varnish thickness

From 7 to 232 micron of varnish thickness (from 2D flat coats to 3D raised effects)

- *All speeds are nominal.
- Speed will vary according to printing parameter used *Substrate compatibility has to be confirmed with MGI.
- *Weight and sizes are subject to change depending on the configuration.

The unit is equipped with UV dryer and a cooling drum for optimum web temperature control.

UV Varnish

Inline curina

Gloss varnish 99 GU

Hot Foiling Station

Any defined label area can receive digitally controlled foil with or without raised effects. Foil application can be bypassed when not necessary.

Foil rolls

- Foils are delivered on rolls.
- * Foil widths from 100 mm (3.9") up to 420 mm (16.5")
- * Foil roll core diameter 1" and 3"
- * Foil lengths from 400 m (1,310 ft) up to 2,000 m (6,500 ft)
- ★ Up to 3 simultaneous foil rolls in the width.

Die Cutting Unit

A semi-rotary die cutting unit is available as option. The unit uses a 21" magnetic cylinder and an automatic register system. 2 slitter knives are included as well as a matrix rewinder.

- * Format in semi-rotary : 100 mm up to 480 mm
- * Maximum matrix diameter : 600 mm
- * 2 slitter knives as standard : 10 max
- Gap master system for die height adjustment (optional)

Rewinder

Servo-motorized unit

- * 850 mm (33.4") maximum roll diameter capacity
- Standard inside core diameter: 3 inches
- Maximum roll weight : +/- 120 kg (264 lbs)

Options

Corona treatment module

In-line system made to optimize varnish adhesion on complex printed substrates

Variable Data Printing

- * Manage and edit files on the workstation
- * Full variable data (text, graphic, image) for both 2D/3D spot coating anf hot foiling
- * Integrated barcode (1D/2D) reader system & controller
- * Raster Image Processor (RIP) as an

Printing Press Compatibility List Narrow Web Printing Presses

* Digital

Xeikon

Konica Minolta Accurio Label

HP Indiao WS4500

HP Indigo WS6800

Epson

EFI

Durst etc

* Offset

All manufacturers and technologies: UV, H2O or Waterless

* Flexo

All manufacturers and technologies: UV or Water base

Dimensions & Weight

Up to 11.85 x 1.58 x 1.81 m Up to 38.88 x 5.18 x 5.91 ft (L x w x h) 1 meter / 3.3' clearance required on 4 sides. Weight: +/- 4.447 kg / 9.804 lbs (depending on configuration)

XEIKON

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