



iFOIL

*Complement your JETvarnish 3D with
Inline Embossing and Hot Foil Stamping*

New



JETVARNISH 3D



Technical Specifications

Open the doors to digital embossing and hot foil stamping with your **JETvarnish 3D** and **iFOIL** solution.

Through a revolutionary digital process, the **iFOIL** eliminates the need for films, dies and makeready, allowing you to produce hot foil stamping and embossing jobs from one to thousands of sheets with both very high profitability and ease of use.

From magazine covers, books, brochures, labels, to invitations and packaging, offer new services and exceptional benefits to your customers.

Exploiting both visual and tactile excitement that the **JETvarnish 3D** and **iFOIL** brings, not only will you now be able to finally bring Hot Foil Stamping in house, but you will be able to do it with virtually no set up and high speeds but also the possibility to offer a new never before seen finish; the personalization of embossed hot foil.

Easy to use, **iFOIL** works in-line with the **JETvarnish 3D** digital spot UV coater. A software suite allows you to easily understand and modify layouts, with sizes ranging from **A4** format to **52 x 105 cm** and on paper substrates ranging from **150 to 700 microns**.

It is possible to make hot stamping with **iFOIL** from printing done on offset and digital presses including **METEOR Digital Press Series**.



Production speed

Up to 1700⁽¹⁾ B2 sheet size per hour (or 25m/min).

Formats

- **Min.** : 21 x 30 cm / 8 x 11.8"
- **Max.** : 52 x 105 cm / 20 x 42"

Substrate Thickness

- **Min.** : 150 gsm and not less than 150 microns/6 mil before printing & lamination
- **Max.** : 600 gsm and not less than 700 microns/24 mil before printing & lamination

Substrates

Foil finishing on most⁽²⁾ matte or glossy laminated surfaces, with or without aqueous coating, layered paper, plastic, PVC and other coated materials.

Films

Using most⁽²⁾ of the hot and cold foil.
Optimization system of the film consumption.

Roll

Roll size: 30 cm in maximum diameter and approximately 2000 meters of film.
Minimum width of 10 cm.
Up to 3 film rolls simultaneously.

Hot Foil Stamping

On a size 52 x 74 cm, hot foil stamping surface can not exceed 51.5 x 68 cm.

Embossing

From 6 up to 200⁽³⁾ microns in thickness.
The surface of the metallized film may be covered with a layer of varnish.

Compatibility

Online module that connects to all JETvarnish 3D.

Dry Air

6 bar / 87 PSI
Min 150 - 200 max L/hour
Inside diameter of 10mm

Dimensions & Weight

2,44 x 1,60 x 1,52 meters (L x W x H)
850 kg/ 1,873 lbs

Electrical Requirements

30 kW (32A) at 400 volts - 1 plug CEE/IP44 32A (3P + N + E)

⁽¹⁾ speed will vary according to printing parameter used

⁽²⁾ confirm substrate/toner/metallic film compatibility with MGI

⁽³⁾ JETvarnish 3D twin option required



Europe/Middle East/Africa/Russia
161, avenue de Verdun
94204 Ivry-sur-Seine CEDEX - FRANCE
Tel: +33 (0)1 45 21 06 60
Fax: +33 (0)1 45 21 14 90
info@mgi-fr.com
www.mgi-fr.com

@MGI_HQ
@MGI_USA



facebook.com/MGIonline



Pre-launch brochure.

This is not a contractual document and technical specifications subject to change without notice.
All the other trademarks cited are marks registered by their respective manufacturers.



America/Caribbean/Asia Pacific
3143 Skyway Circle
Melbourne, FL 32934 - USA
Tel: +1 321 751 6755
Fax: +1 321 751 6777
info@mgi-usa.com
www.mgi-usa.com