

COMPATIBILITY TABLE:



Duplo Dusense DDC 8000 and Dusense DDC 810.



MGI Jetvarnish 3D one, JETvarnish 3D, JETvarnish 3DS, JETvarnish 3D Evo and JETvarnish 3D Web



Scodix Ultra 1000, Ultra 2000, Ultra 3000, Ultra 4000, Ultra 5000 and Ultra 6000

We offer compatibility tests on request with no questions asked. We continuously keep updating validations in current equipment from the market. Free consultation.

TECHNICAL SPECIFICATIONS:

Speed:	10 m/m* production and 22 m/m mechanical. 1,700 B4 sheets / hour* 1,300 SRA3 sheets / hour*
Format and paper weight:	Min: 220x220mm Max: 380x700mm 130 – 350gsm
Feeder System:	Neumatic feeder with two air suction units. Stack height 200mm and 80 Kg capacity.
Varnish hickness:	0 – 80 µm
Feeder system:	2 transport wheels, frontal gates and side guide. Pneumatic feeder with two suction groups (Automatic model). Pile height 200mm and 80 Kg capacity (Automatic model) +/- 2 mm overlap accuracy.
Foiling unit:	Silicone heating roller filled with thermal oil and sealed. Pressure roller filled with thermal oil and sealed. Automatic self-regulated accuracy pressure system. Up to 101 Newtons / linear mm pressure. Mechanical non scratch decurling rolling bar system.
Delivery unit:	1 fan battery for cooling foil. 1 fan battery to ease the exit.
Safety and protection:	CE standards, emergency stops and safety sensors. Continuous equipment protection monitoring on feeding, pressure and heating systems.

* Depending on foil, external conditions, type of paper, paper grammages and formats.

DIMENSIONS AND WEIGHT



	FOILER 3D	FOILER 3D auto
Width:	1070 mm	1070 mm
Length:	1650 mm	2045 mm
Height:	1450 mm	1450 mm
Weight:	340 Kg	400 Kg
Power:	230 V single phase	
Consumption:	3.2kW 13, 3A	4kW – 16A



FOILER 3D

HIGH PERFORMANCE DIGITAL FOILER

METALLICS ON TOP OF DIGITAL RAISED VARNISH. SENSORIAL PRESSURE. SUPERCHARGED FOILER.

Look sharper. Feel better
Robust. Built to last
Up to 1.100 sheets an hour

CONSUMABLES:

Metallic foils	gold, silver, red, blue, copper, etc.
Other foils	Holographic, milky way, sparkler, crystal, etc.
Varnishing films	gloss, matte, spot gloss and spot matt.

Bagel Systems, is an equipment manufacturer, based in Barcelona focused on developing and manufacturing added value laminating equipment for the graphic arts and packaging industry.

Market leader with the integration of OMRON technology for finishing equipment, **Bagel Systems** delivers the best offset and best digital laminating productivity ratios.



Bagel Systems is a trademark of **Bagel Systems S.L.** **Bagel Systems** has a policy of continuous improvement and reserves the right to amend any above specification without prior notice.



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SENSORY FOIL

FOILER 3D

Our foiler for 3D spot varnish surface is finally here. Its performance and reliability are enormous thanks to all the reengineering carried out. It includes higher precision temperature sensors, a special sensory pressure system and our latest rewinding system technology. This is the first foiler of a new species. And it is a beast!

ADVANTAGES

SUPERIOR QUALITY
 With the best technological proposal on the market; **FOILER 3D** provides an unparalleled finish for medium and large productions. This is possible thanks to its heating and pressure system, both oil heated, very stable, very robust and equipped with a greater level of precision.

EASY TO USE
 Touch control screen, quick start button; automatic sheet registration, security supervision multisystem, temperature predictive program, pressure that selfadjust automatically and decurling anti scratch rolling bar. All of this so that you can get a hold of it without realizing it.

ROBUST
 Equipped with a 5 mm thick steel platform and tower structure. **FOILER 3D** guarantees calibration reliability for life. The installed electronics (OMRON) are industrial and each of its devices are extraordinarily strong. All designed for intensive use.

DIGITAL ADAPTATION
 **FOILER 3D** does much more than just metallic and holographic effects on 3D surfaces. It is possible to foil over toner digital ink; use it as a varnish coater or as a spot varnish coater. And of course, also as a laminator...



APPS

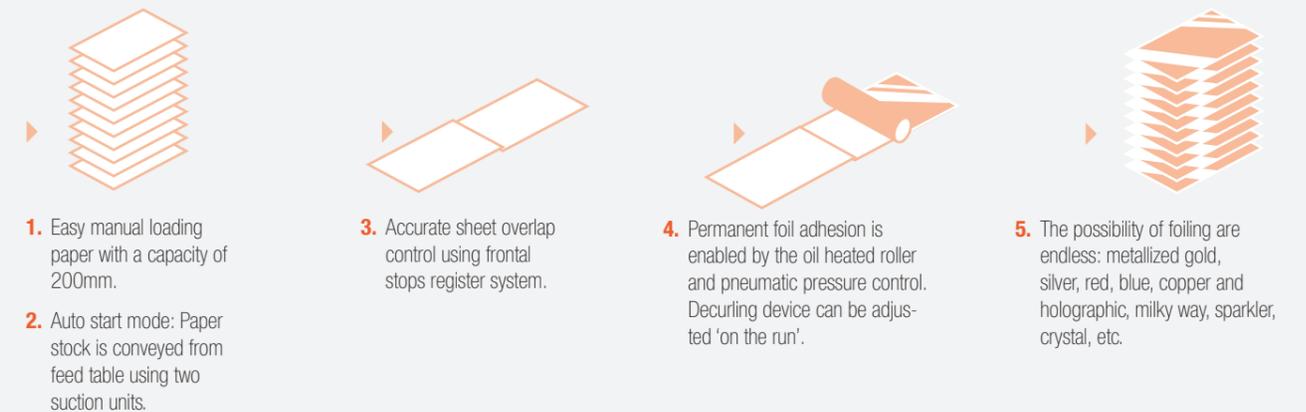
Book covers // Photo book // Menus // Sport cards // Visit cards // Catalogues // Adverts // Greetings cards // Kid's book // Graphic supports // Luxury bags // Sales docs // Posters.

And also now: Cosmetic packaging // Luxury products packaging // Anti-bacterial hospital material // Packaging.



Speed 1.300 SRA3/hr	Speed 10 m/min	Load 200 mm	130 - 350 g/m ²	Max. Format 380 x 700 mm	Min. Format 210 x 297 mm
 Touch screen	 101 N/mm Linear	 Heating roller	 Extra blower on exit	 Auto mode	

FOILER 3D Workflow

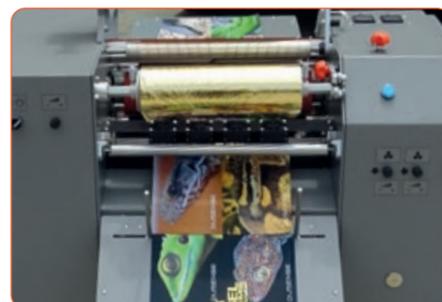
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1. Easy manual loading paper with a capacity of 200mm.
 2. Auto start mode: Paper stock is conveyed from feed table using two suction units.
 3. Accurate sheet overlap control using frontal stops register system.
 4. Permanent foil adhesion is enabled by the oil heated roller and pneumatic pressure control. Decurling device can be adjusted 'on the run'.
 5. The possibility of foiling are endless: metallized gold, silver, red, blue, copper and holographic, milky way, sparkler, crystal, etc.



Feeding module



Frontal gates register



Delivery table with air fans



Table jogger



Foiling 3D module



Foil cooling air fans and decurler