

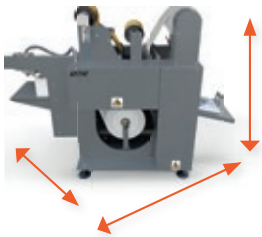
COMPATIBILITY TABLE:	
	Fujifilm Revoria Press, JetPress.
	Xerox Iridesse, Versant, iGen, Baltoro, Nuvera.
	Konica Minolta AccurioLabel, AccurioPress and AccurioJet.
	Canon imagePRESS, Serie varioPrint, Prostream, ColorStream.
	Ricoh Serie Pro.
	HP Indigo.
	Kodak Prosper.
	Duplo DuSense.

We offer compatibility tests on request with no questions asked.
 We continuously keep updating validations in current digital printing engines. **Consult us without obligations!**

CONSUMABLES:	
Laminate films:	Gloss, matt, anti-scratch, soft touch, gold/silver metallized, soft touch metallized gold/silver.
Hot stamp films:	Metallized gold/silver/color range, milky way, sparkler y crystal holograms, gloss and matt varnish.

TECHNICAL SPECIFICATIONS:	
Speed:	15 m/m production and 22 m/m mechanical. 2.000 sheets SRA3 / hour*.
Sheet size, weight and paper roll size:	Min: 210 x 297mm, max: 380 x 700mm and 130 – 350 gms paper. Apt for 380 mm width and 540 mm diameter reel.
Sheet fed and roll fed systems:	Pneumatic feeder with two air suction units. Expansible shaft with pneumatic brake.
Lamination and cutting unit:	Thermal oil sealed heating roller, pneumatic pressure with 101 Newtons/mm linear, double decurling bar and bursting separator rollers with microperforator.
Rewinding roll unit:	Expansible shaft with pneumatic brake.
Safety and protection:	CE compliant, emergency stops and security sensors. Continuous equipment protection monitoring on feeding, pressure and heating systems.

* Depending on film, external conditions, paper type, weight and formats.

DIMENSIONS AND WEIGHT	
	Length: 2400mm Width: 1010mm Height: 1800mm
	610 Kg
	230V Single Phase 14A 50 - 60Hz 3,5 kW

Bagel Systems, is a Spanish equipment manufacturer 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 SL**. **Bagel Systems** has a policy of continuous improvement and reserves the right to amend any above specification without prior notice



BAGEL SYSTEMS S.L.
 Baix Llobregat 23, nave 12
 08759 Vallirana
 Barcelona, Spain.

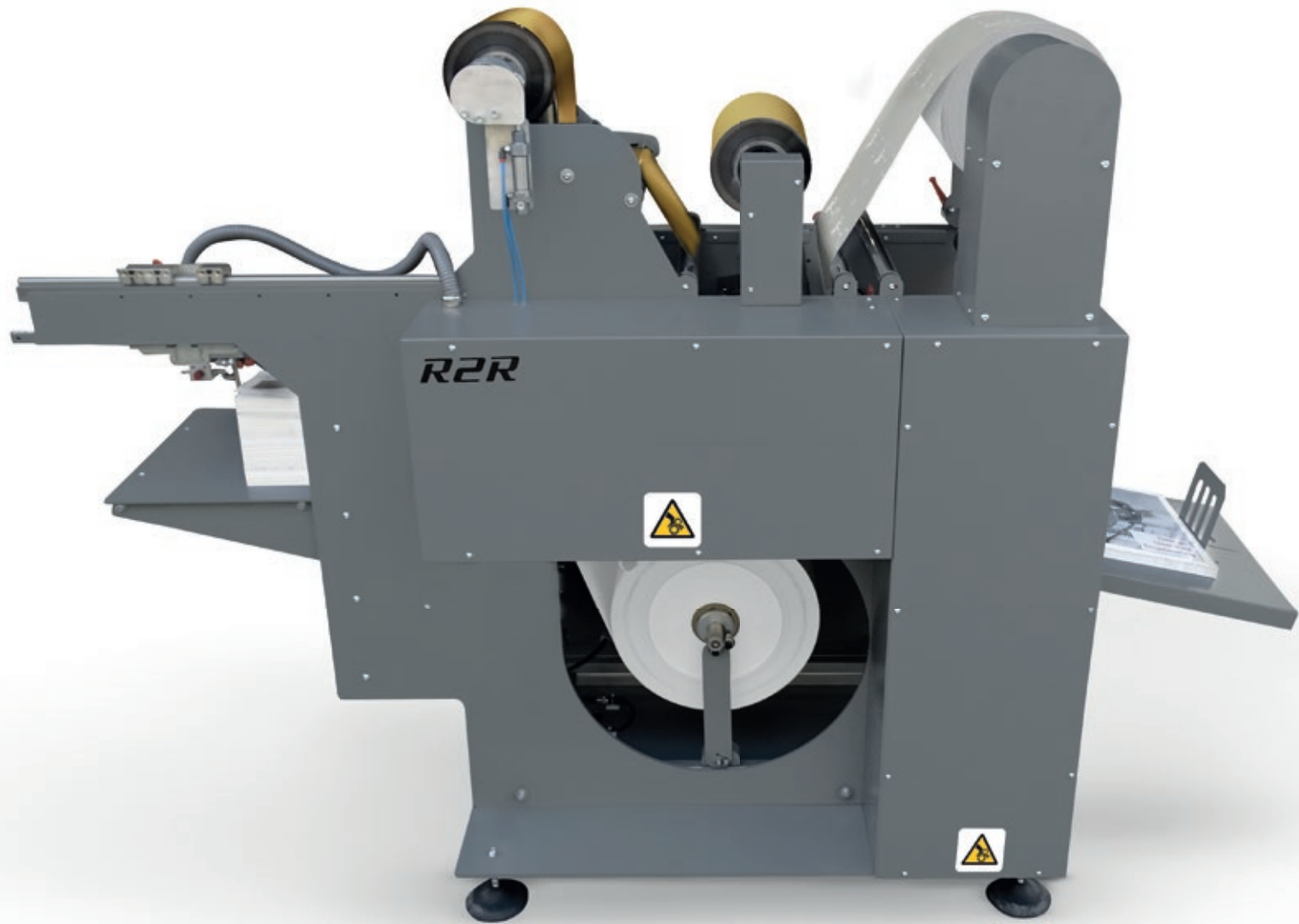
Tel **+34 934 748 023**
+34 617 085 546
 info@bagelsys.com
 www.bagelsys.com



MINILAM R2R

HIGH PERFORMANCE ROLL-TO-ROLL DIGITAL LAMINATOR

EASY. INNOVATIVE. ROLL-TO-ROLL.
FAR MORE POWER BEHIND YOUR LAMINATION.
 Roll-to-roll laminating and roll to roll digital foiling
 Design to rock and roll
 Up to 15 meters per minute



The best **Heating Engine:**
THERMAL OIL FILLED ROLLER



MINILAM R2R

Reel-to-reel digital printing is increasingly present and we wanted to work a solution right on this sweet spot. Today, we are proud to present the new **MINILAM R2R**, Bagel Systems's roll to roll laminating and digital foil solution.

The **MINILAM R2R** allows the use of 540 mm diameter paper reels; it brings shafts, sensors, brakes and a higher level of automation in order to obtain the most important; a perfect reel rewinding and an ease-of-use experience.

But perhaps what makes the **MINILAM R2R** an incredible machine is that it is hybrid. It is also intended to laminate and foil sheet-to-sheet prints. You can create gold metallic effects on label reels and book covers. We are sure you will like it!

APPS

Labels // Book Covers // Photo book // Menus // Sport cards // Visit cards // Catalogues // Adverts // Greetings cards // Kid's book // Graphic supports // Luxury bags // Sales docs // Posters // Cosmetic packaging // luxury products packaging // anti-bacterial hospital material packaging.

ADVANTAGES



Superior quality

The **MINILAM R2R** offers best-in-class laminating technology and unmatched consistency of the finished product. The use of oil heated rollers ensure the best distribution of heat and temperature retention across the whole surface.



Easy to use

The machine is controlled by a touch screen. The **MINILAM R2R** offers an Auto Start, Auto Stop function, a fast film loading system, multi safety monitoring program and automatic temperature regulation. This all ensures a rapid start up procedure and quick operation.



Versatile

With a speed up to 15 meter a minute, **MINILAM R2R** stands out for its possibility to roll to roll and sheet to sheet lamination and digital hot stamping capabilities as well of laminating larger sheets out of specification in semi-automatic mode.



Robust

With its solid steel base and tower construction, **MINILAM R2R**'s rollers calibration is lifetime guaranteed. Its pressure of 101 Newton's/mm linear is testament to its astonishing power.



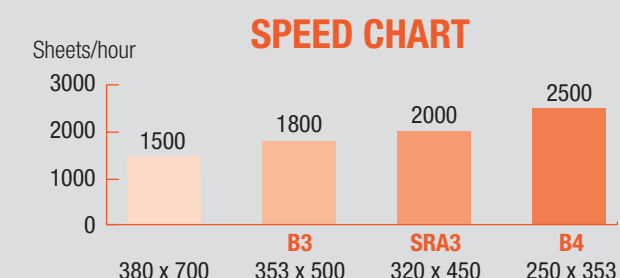
The best equipment for SoftTouch, texture films and digital hot stamp

Bagel Systems and film manufacturers, combines resources to deliver the best solutions on current digital print engines.

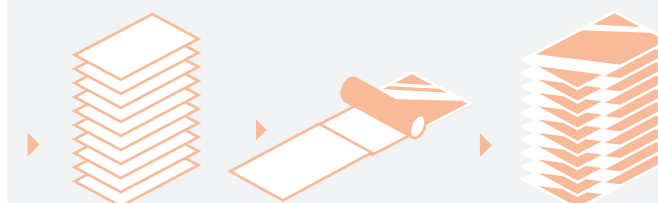
We also integrate and develop latest technologies on *digital hot stamp*.



SoFT TOUCH®
The Original One

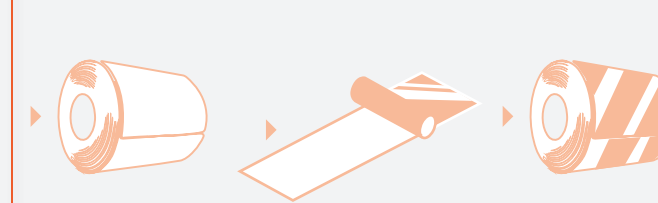


MINILAM R2R sheet to sheet work flow

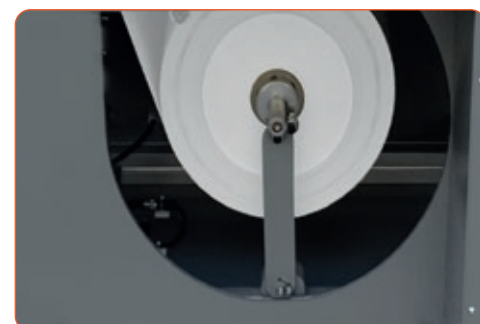
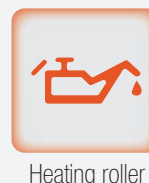
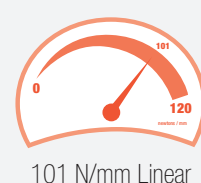
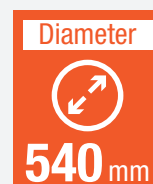


1. Easy manual loading paper with a capacity of 400 mm.
2. Auto start mode: Paper stock is conveyed from feed table and permanent film adhesion is enabled. Decurling device can be adjusted 'on the run'.
3. The possibility of finishing also endless: gloss, matt, soft touch, texture, metallic effects. and more.

MINILAM R2R roll to roll work flow



1. Easy paper loading with a capacity of 540 mm diameter reel.
2. Paper reel is conveyed from bottom reel to top reel and permanent film adhesion is enabled. Decurling device can be adjusted 'on the run'.
3. The possibility of finishing on reel is also endless. All provide added value and ultimate protection for printed material.



Roll feeding module.



Roll delivery module.



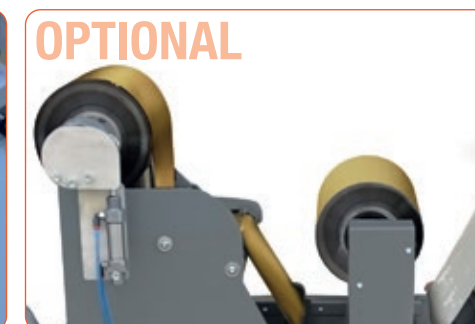
Sheet feeding module.



Sheet delivery module.



Laminating module.



OPTIONAL

Digital HotStamp® Module: Multifunctional devise that allowsf metallic foiling, varnishing and spot varnishing.