









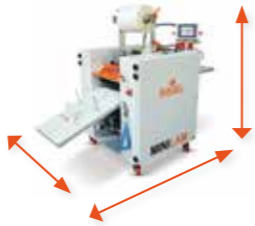


COMPATIBILITY TABLE:	
	DocuPrint™ 155MX, 180, 135MX, 115MX, DocuTech™ 155, iGen®150, 8250, iGen®4, iGen®45800i/1000i, Versant® 2100, 80, J75, C60/C70 and previous models.
	Bizhub PRESS C8000e, C700, C7000P, C6000, C1100, C1085, C1070, C1070P, C1060, C70hc, 2250P, 1250, 1250P, 1052 and previous. Bizhub PRO C6000, C6000L, C1070, C1060, C1060L and previous.
	imagePRESS C800, C700, C600I, C7011VP, C7011VPA, C6011VP, C6011VPS, C6011S, C6011, C700VPe, imageRUNNER ADVANCE c9280 PRO, C9070 PRO, Océ ColorStream 3000 Twin series, JetStream Compact series, JetStream Dual series, JetStream Wide series, 2000 Flex and previous.
	C9100, C9110, Pro™ C5100S, C5110S, C7100, C7100X, C651EX, C751, C901S, C751EX, InfoPrint® 5000 Multi-Purpose Platform, General Production Platform, Volume Platform and previous.
	HP Indigo 10000, 7800, 5600, 3550, W7250, WS6600p, 30000, 20000, WS6800, WS4600 and previous.
	NEXPRESS SX, DIGIMASTER HD, VERSAMARK and PROSPER.
	Meteor DP8700 XL+, Meteor DP8700 S+, Meteor DP8700 XL+ DF Pro, JETvarnish 3D,
	Scodix Ultra, Rainbow and S Series

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

TECHNICAL SPECIFICATIONS:	
<b>Speed:</b>	15 m/m* 2.500 sheets B4 / hour* 2.000 sheets SRA3 / hour*
<b>Sheets sizes and weights:</b>	Min: 210 x 297mm Max: 380 x 700mm 130 – 350 g/m²
<b>Feeder system:</b>	Pneumatic feeder with two air suction units and four frontal stops. 400 mm stack height and 100 kg capacity +/- 1 m overlap tolerance.
<b>Lamination unit:</b>	Thermal oil sealed heating roller. Pneumatic pressure system with a maximum force of 35,5 Newtons/mm linear. Double decurling bars systems controlled pneumatically.
<b>Cutting unit:</b>	Ultra-strong pneumatic micro perforator with automatic position regulation.
<b>Safety and protection:</b>	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	
	<b>Length:</b> 1900mm <b>Width:</b> 1010mm <b>Height:</b> 1550mm
	480 Kg.
	230V Single Phase 13A 50 - 60Hz 3 kW



# MINILAM B3

HIGH PERFORMANCE DIGITAL LAMINATOR

**EASY. INNOVATIVE. VERSATILE.**  
**MORE POWER BEHIND YOUR LAMINATION.**  
Design to be the fastest and easiest to use machine  
With the added feature of digital hot foil stamping technology  
Up to 2.500 sheets per hour



**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.**  
Tirso de Molina nº 36 A, nave 3B  
08940 Cornellà del Llobregat  
Barcelona, Spain.

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

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



# MINILAM B3

Sometimes you need to design products from scratch, if you want to be really innovative. That is exactly what we have done! It is purposely design for the most demanding and dynamic digital environments in the market. Bagel Systems brings a new level of robustness across the whole machine and superior levels of automation. The **MINILAM B3** truly transforms lamination into a pleasant experience and is the ideal equipment to cope with the frequent job changes in a digital printing environment.

The **MINILAM B3** offers new technologies like digital hot stamping, which resembles foil stamping with metallic foils, holographic foils, flood varnish and spot varnish. The machine will be the fastest and easiest to use machine in its class.

## 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.

# ADVANTAGES



### Superior quality

The **MINILAM B3** 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.



### Versatile

With a speed up to 2.500 sheets an hour, **MINILAM B3** stands out its double film changer which allows two film reels at the same time and its liftable feeder perfect for short runs and sheet formats out of specifications.



### The best equipment for SoftTouch and Hot Stamp

**Bagel Systems** and *Soft Touch* films, 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



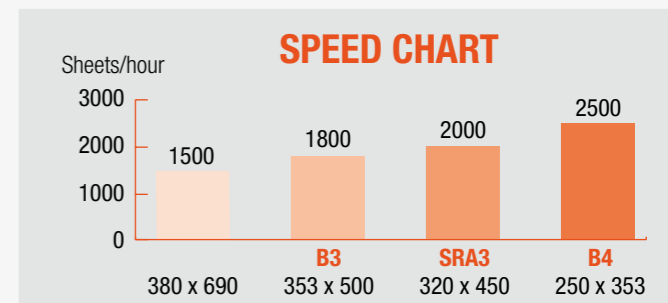
### Easy to use

The machine is controlled by a touch screen. The **MINILAM B3** offers an Auto Start 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.



### Robust

With its solid steel base and tower construction, **MINILAM B3's** rollers calibration is lifetime guaranteed. Its pressure of 35,5 Newton's/mm linear is testament to its astonishing power.



Speed  
**2.000**  
SRA3/hr

Speed  
**15**  
m/min

Load  
**400**  
mm

**130 - 350**  
g/m<sup>2</sup>

Max. Format  
**380 x 700**  
mm

Min. Format  
**210 x 297**  
mm

**Touch screen**

35 N/mm Linear

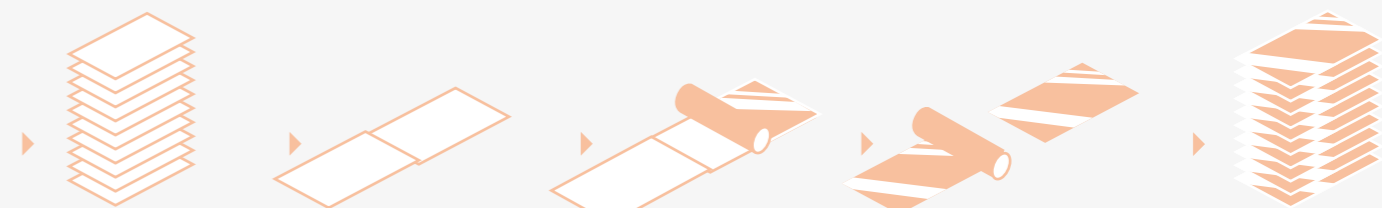
Heating roller

Extra blowers on entry

Blowers on exit

Auto mode

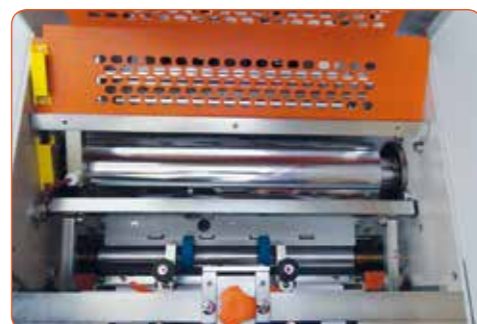
## MINILAM B3 Work flow



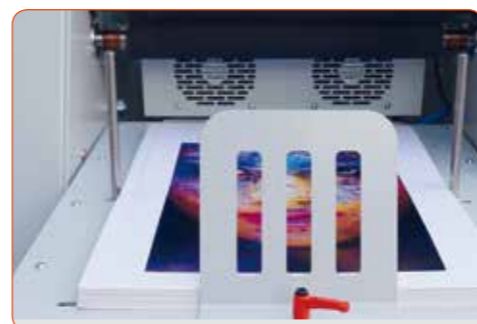
1. Easy manual loading paper with a capacity of 400mm.
2. Auto start mode: Paper stock is conveyed from feed table using two suction units.
3. Accurate sheet overlap control using frontal stops register system.
4. Permanent film adhesion is enabled by the oil filled heated roller and pneumatic pressure control. Decurling device can be adjusted 'on the run'.
5. Laminating film is micro-perforated on the overlap by our robust marking device and then separated by the pneumatic cutting rollers.
6. The possibility of finishing are endless: gloss, matt, Soft Touch, anti scratch, metallized, embossed... All provide added value and ultimate protection on offset and digitally printed materials.



Feeding module.



Laminating module.



Delivery table with air fans.



Table jogger.



**Hot stamp:** Multifunctional devise that allows varnish, holograms finishing as well as gold, silver and wide variety of metallic colours foiling effect.



**Ultra-fast double film changer:** Loading film module compound of two expansible shafts design to have ready two film types to be operative instantly.