Design and development of machines and equipment for digital finishing and premium labels.

Technical specifications

MIN	MAX	
105 (4.13)) 350 (13.78)	mm (in.)
-	800+400 (31.50+15.75)	mm (in.)
-	800 (31.50)	mm (in.)
-	330 (13)	mm (in.)
330 x 330	(12.99 X 12.99)	mm (in.)
280 x 343	(11.05 X 13.50)	mm (in.)
50 (1.97)	450 (17.72)	mm (in.)
-	482.6 (19)	mm (in.)
-	70 (230)	m/min (fpm)
MIN	MAX	
-	350 (13.78)	mm (in.)
-	800 (31.50)	mm (in.)
-	800 (31.50)	mm (in.)
		_
-	330 (12.99)	mm (in.)
	330 x 330 280 x 343 50 (1.97)	105 (4.13) 350 (13.78) - 800+400 (31.50+15.75) - 800 (31.50) - 330 (13) 330 x 330 (12.99 X 12.99) 280 x 343 (11.05 X 13.50) 50 (1.97) 450 (17.72) - 482.6 (19) - 70 (230) MIN MAX - 350 (13.78) - 800 (31.50)







Solutions to improve the design and visibility of the final product

Digital finishing



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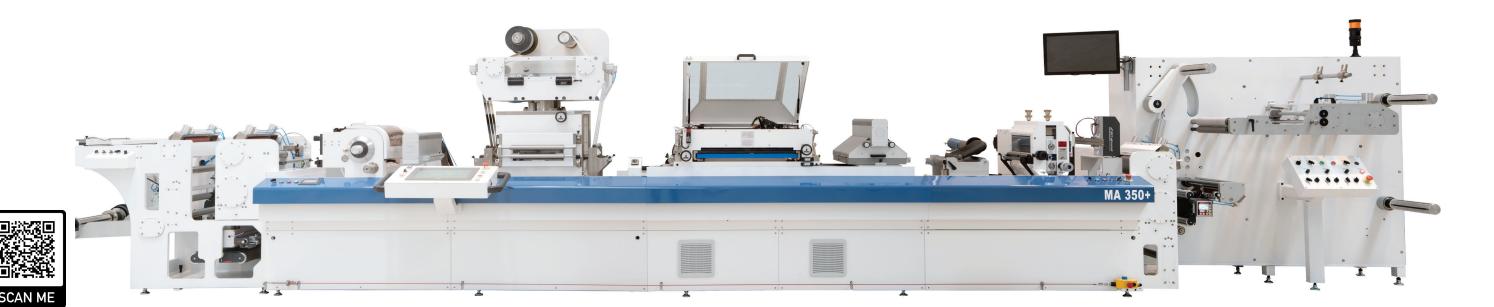
Digital Finishing

Complete line with cutting-edge technology for pre-printed label finishing.

LemuGroup offers a range of highly competitive equipment to produce premium labels, perfect for the wine, cosmetic or pharmaceutical markets.

LemuGroup provides flexible and adaptable solutions to our customers' needs.

MIDA MA 350+





Servodriven silkscreen printing



50 Tn Flatbed hot foil stamping and embossing unit.



Flexo unit for printing, varnishing and Cold foil or linerless laminating.



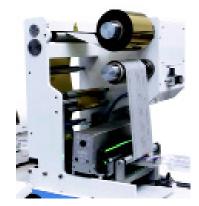
Semirotary die cutting unit.



Full Through Liner Die



Linerless laminating unit with flexo unit.



Cold Foil.

Perfection is found in the small details.

MIDA MI 350 Digital





Main machine features:

- Versatility in production. Unlimited design.
- Digitalised processes. High level of customisation.
- Without tolling costs. Accuracy and efficiency in inkjet technologies.
- Manufacturing flexibility. Increased speed and reduced cycle time for each print.
- Drop on demand Inkjet technology. Inkjet homogeneity.
- 2 lines of 5-unit XAAR inkjet printheads.

MI 350+ gives an inline or offline fully digital system, allowing for highlighting or emphasizing elements, perfect for adding braille descriptions to cosmetic or pharmaceutical products.

The system can also be used to add design elements that increase the value and visual quality of products.





GTU 440 + BOXING SYSTEM



GTU 440 + BOXING SYSTEM

QUALITY, SPEED AND AUTOMATION IN ONE MACHINE

A truly productive machine with a rewinding speed up to 250 m/min (820 fpm), 19 mm (0.75 in) shafts, and integrated BST inspection system.

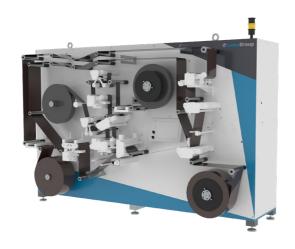
It is a solution that produces label rolls and places them into boxes for **full automation of the equipment.** A perfect example of a fully automatic machine from start to finish.

The BST inspection system identifies labels with defects and the robot removes them from the production line, preventing them from being packaged. The system **ensures the quality of all rolls**, guaranteeing the highest quality of the final product.

GTU Converter

Roll Web width	200 (7.87) - 450 (17.71)	mm (in.)
Roll Ø	1200 (47.24)	mm (in.)
Finished Roll Ø	400 (15.75)	mm (in.)
Finished Roll Width	440 (17.32)	mm (in.)
Rewinding Core I.D.	19 (0.75)	mm (in.)
Transfer Speed	100 (328)	m/min (fpm)





MIDA LI 220 RFID



MIDA LI 220 RFID

STATE-OF-THE-ART LABEL INSERTION MACHINE FOR CREATING IMPRESSIVE AND INTELLIGENT LABELS.

The machine offers two operating modes in a single unit. It is capable of producing multi-layer labels and insertig security labels (EAS/RFID) between the liner and the main label without altering the label design. Its flawless insertion is made possible by the Delam-Relam technology.

It is characterized by adding an extra value element to the label and consequently, to the final product (traceability, security, etc.).

MIDA LI 220 RFID	MIN	MAX	
Finished Roll Ø	-	500 (19.69)	mm (in.)
Auxiliar Roll Ø	-	400 (15.75)	mm (in.)
Finished Roll Width	20 (0.79)	220 (8.66)	mm (in.)
Rewinding Core I.D.	25 (0.98)	76 (3)	mm (in.)
Insertion Tolerance	± 0.1 (± 0.0039)		mm (in.)
Speed	<u>- </u>	70 (230)	m/min (fpm)
Material thickness	Adhesive paper 40	- 200	g.s.m





MIDA MA 350 + GBS



MIDA MA 350 + GBS

ADD VALUE TO YOUR LABELS WITH THIS EXCELLENT EQUIPMENT.

Equipped with a hot stamping module, die-cutting, Inkjet UV Silkscreen and GBS turret rewinder, this equipment is a truly competitive combination for producing high-quality digital labels, perfect for the wine, cosmetic, or pharmaceutical markets.

An Inkjet UV Silkscreen module has been added to the MA 350+, replacing traditional screen printing. Inkjet technology is known for its precision and consistency in the inkjet process, offering higher thicknesses compared to traditional screen printing.

MIDA MA 350+

Web width	350 (13.78)	mm (in.)
Max. Finished rolls Ø	800 (31.50)	mm (in.)
Printing width	330 (13)	mm (in.)
Flatbed hotfoil stamping (LxW)	280 x 343 (11.05 X 13.50)	mm (in.)
Repeat length in semi-rotary mode	450 (17.72)	mm (in.)
Full rotary printing size	482.6 (19)	mm (in.)
Speed	70 (230)	m/min (fpm)
GBS		
Roll Web width	340 (13.40)	mm (in.)
Max. Finished Roll Ø	250 (9.84)	mm (in.)
Rewinding Core I.D.	40 (1.57)	mm (in.)
Speed	120 (394)	m/min (fpm)

Design and development of machines and equipment for traditional finishing.

Technical specifications

GTU Converter	MIN	MAX	
Roll Web width	175 (6.89)	660 (25.98)	mm (in.)
Roll Ø	-	1200 (47.24)	mm (in.)
Finished Roll Ø	340 (13.39)	400 (15.75)	mm (in.)
Finished Roll Width	340 (13.39)	650 (25.59)	mm (in.)
Rewinding Core I.D.	19 (0.75)	76 (3)	mm (in.)
Minimum Slitting Width	30 (1.18)	50 (1.97)	mm (in.)
Number of lines	-	12 (0.47)	mm (in.)
Speed	-	250 (820)	m/min (fpm)
Material thickness	Adhesive paper	60 - 140	g.s.m







High-productivity and non-stop solutions that enables a wide range of possibilities

Traditional finishing



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Traditional Finishing

The LemuGroup GTU Converter is a fully modular converting line, which can be customized according to each customer's needs. An incredibly productive line with a working speed up to 250m/min (820 fpm) that guarantees the quality of every job with the 100% integrated camera inspection system.

Available in four web widths:

350 mm (13.78 in.), 450 mm (17.72 in.), 550 mm (21.65 in.) and 660 mm (25.98 in.)

GTU Converter



- High Capacity Unwinds. Available to handle up to 1200mm (47.24 in.) diameter rolls.
- Rotary Die Cutting Group. Cutting accuracy and fast adjustments.
- Flexographic Printing Units. To provide information and add value.
- Moveable or fixed turn bar. Air assisted turn bar to turn over the web.
- Slitting. Scissor, knife or crushing, with automatic slitting knife adjustment for time saving.
- Rewinding. GTU or GBS turret to complete your work efficiently.
- Linerless. Siliconized web path rollers to avoid the sticking of the adhesive paper on them.
- Leader and tail label extraction system. Automatic label removal capability to create leaders and tails on all pressure sensitive labels for auto feed systems.

GTU Converter is a turnkey solution. It can be assembled with modules that best suit the specific needs of each customer.







The fastest on the market

Robust

CUSTOMER NEEDS **friendly**

Accurate

GTU Turret



Optimize your production with our leading edge turret rewinders: the fastest on the market, robust, easy and accurate to satisfy the production requirements.



GBS Turret



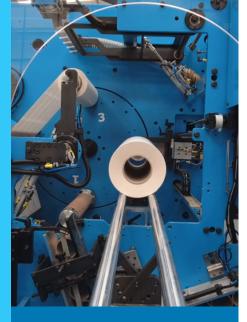
Technical specifications

GTU Turret - Linerless	MIN	MAX	
Finished Roll Ø	340 (13.40)	400 (15.75)	mm (in.)
Finished Roll Width	340 (13.40)	650 (25.60)	mm (in.)
Rewinding Core I.D.	19 (0.75)	76 (3)	mm (in.)
Roll Width	30 (1.18)	50 (1.97)	mm (in.)
Number of lines	-	12 (0.47)	mm (in.)
Speed	-	250 (820)	m/min (fpm)
Material thickness	Adhesive paper	60 - 140	g.s.m
GBS Turret	MIN	MAX	
Finished Roll Ø	25 (0.98)	250 (9.84)	mm (in.)
Finished Roll Width	-	340 (13.39)	mm (in.)
Rewinding Core I.D.	25 (0.98)	76 (3)	mm (in.)
Speed	-	120 (394)	m/min (fpm)
Material thickness	Adhesive paper	r 60 - 140	g.s.m

ROBOPLUS Linerless	MIN	MAX	
Web Width	800 (31.50)	1600 (63)	mm (in.)
Finished Roll Ø	30 (1.18)	265 (10.43)	mm (in.)
Finished Roll Width	37 (1.46)	-	mm (in.)
Rewinding Core I.D.	14,5 (0.57)	58 (2.28)	mm (in.)
Speed	-	700 (2297)	m/min (fpm)
Material thickness	Adhesive paper	60 - 120	g.s.m

BSA Linerless	MIN	MAX	
Web Width	850 (33.46)	1100 (43.61)	mm (in.)
Finished Roll Ø	30 (1.18)	250 (9.84)	mm (in.)
Finished Roll Width	37 (1.46)	-	mm (in.)
Rewinding Core I.D.	14,5 (0.57)	30 (1.18)	mm (in.)
Speed	-	300 (984)	m/min (fpm)
Material thickness	Adhesive paper 4	0 - 120	g.s.m

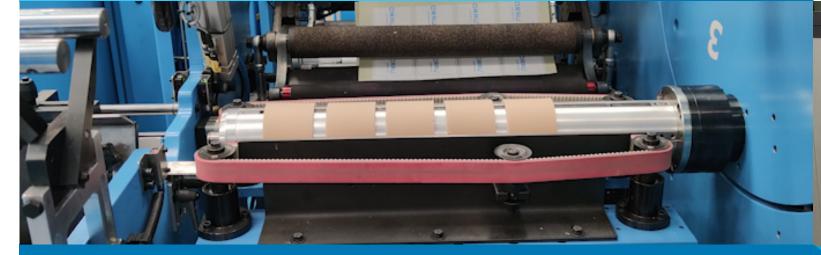
LemuGroup





Maximize your productivity with our technologically advanced rewinders

Turret and Linerless Rewinders



Headquarters:

Pol. Ind. Apatta, Apatta-Baratzondo Ind., 5 20400 Ibarra, Spain www.lemugroup.com





Turret Rewinders

Optimize your production with our leading edge turret rewinders.

Our LemuGroup turret rewinders have been designed to suit the diverse needs of each customer. They can operate in-line with other printing or converting equipment or stand-alone with a separate unwind

The equipment stands out for delivering outstanding results in multiple aspects, such as tension control, the ability to handle a wide range of substrates, fast transition between jobs and a production speed never seen before in the market.

Furthermore, all models are available in multiple web widths, adapting to the specific requirements of each project and offering versatility.

GTU Turret

Main machine features:

- Servo driven automatic turret.
- 4 spindles.
- Run Fast. Up to 250 m/min (820 fpm).
- No messy glue. Glueless closure.
- Fast changeovers. Auto setup with job storage.
- Automatic core loading.
- Perfectly wound rolls with closed loop tension control.
- Inspection system of the clients choice.
- Leader & Tail system.
- Linerless compatible.







The fastest on the market

Robust

CUSTOMER NEEDS

User friendly

Accurate

GTU+ Turret



The desire to offer our customers a complete range of possibilities that satisfy all their needs, together with our innovative spirit, has driven us to launch the new GTU+ on the market.

We proudly present the latest version of the GTU that we are developing. It comes with exciting improvements that will expand the technical features of the equipment.

0.60)
9.69) mm (in.)
5.98) mm (in.)
m/min (fpm)
3

GBS Turret

Main machine features:

- Roll tucking with hot melt glue.
- Roll closing with hot melt glue.
- Manual core loading and roll extraction.
- Easy installation and operation.



Linerless

ROBOPLUS

Main machine features:

- Fully automatic slitter rewinder.
- Surface rewinding.
- Wide web.
- Coreless compatible. Equipment to produce coreless rolls on the machine.
- Optional labeled closure. Labelling equipment to close the rolls with a label instead of the glue.

LemuGroup's Linerless series allows you to slit and rewind linerless labels efficiently, avoiding tooling, waste and optimizing the production process. The Linerless series can be adjusted to work with different widths and lengths, providing versatility for a wide variety of applications and roll sizes.

BSA



Main machine features:

- Semiautomatic slitter rewinder.
- Compact design.
- Wide web.
- Entry level machine.



