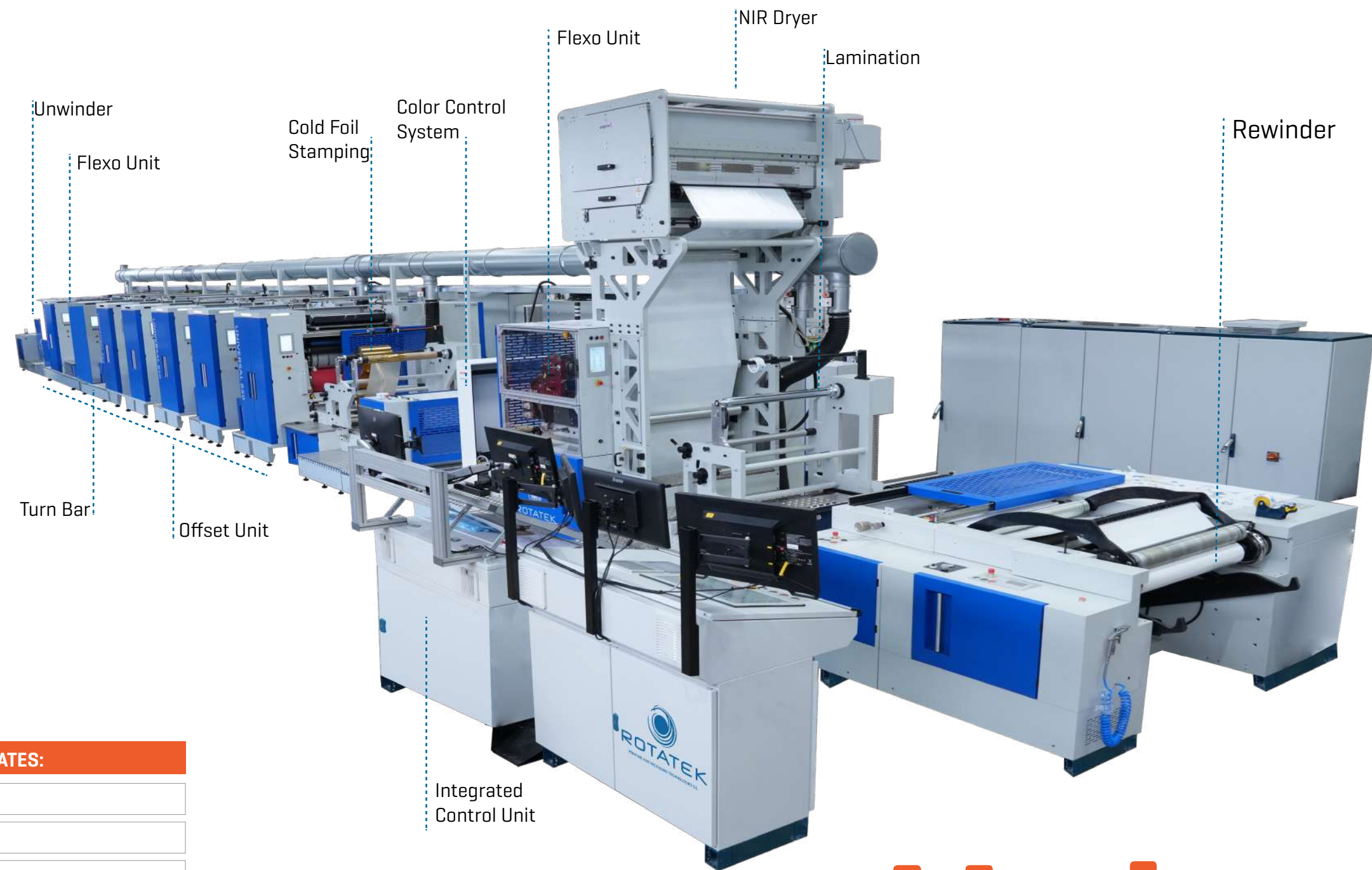


Sleeve technology for high volume producers of IML, pharma leaflets, folding carton and flexible packaging.



SPEED



ROTARY

Up to **350** m/min
Roll to Roll

250 m/min
Roll to Sheet

WIDTH



Maximum
substrate width
**520 mm | 680 mm
870 mm**

Maximum
printing width
**500 mm | 660 mm
850 mm**

PRINTING SUBSTRATES:

Films
BOPP
PET
PVC [from 15 to 400 microns]
Heat shrinkable material
Self-adhesive paper [150 to 400gr/m2]
Aluminium
Paper [30 to 300 gr/m2]

Universal
520 | 680 | 850

New and improved platform

- 1. Introduction of a completely redesigned offset roller train, now featuring a 4th Ink form roller for enhanced printing capabilities.
- 2. Implementation of a new dampening design, engineered for simplicity and maximum effectiveness, optimized to operate seamlessly at higher speeds.
- 3. Integration of a new sleeve design, featuring a pneumatic locking system for easier installation and enhanced security.
- 4. Completion of a comprehensive rigidity study on modules and rollers, resulting in improved printing stability across the board.
- 5. Incorporation of a refrigerated ink fountain roller to facilitate superior ink temperature control and ensure uniformity throughout the roller train and stable ink viscosity.
- 6. Implementation of a fully adjustable oscillating ink rollers system, allowing for precise adjustment tailored to different ink types such as UV, LED, and grease.
- 7. Replacement of all drive systems with Rexroth servo motors, delivering heightened flexibility, precision, and stability in adjustment.
- 8. Enhancement of transversal register precision through an improved design, ensuring superior print alignment.
- 9. Redesigned for easier maintenance, with increased accessibility to components, facilitating upkeep tasks.
- 10. Provision of machine configurations catering to various substrates, offering different tension control systems and customized rollers to meet diverse customer requirements.
- 11. Availability of different equipment options including Automatic blanket washer, Automatic Ink supply, and Advanced sleeve handling, enabling customers to tailor their setup according to specific needs and preferences.



ONLINE COMBINATIONS

Flexographic units	Video system
Rotogravure units	Total inspection system 100%
Screen printing units	Hot stamping
Cold stamping	Inkjet printing of variable data
Die cutting units	Non-stop unwinding and rewinding
Reprocessing	Corona treatment
Automatic inking system	UV / EB / NIR hot air drying
Automatic register control system	Sheet outfeed

TECHNICAL SPECIFICATIONS

GENERAL SYSTEM

Printing formats variable between 500 - 1000 mm	Shaft Diameter 70 mm, 76 mm, 150 mm	
Unwinding diameter maximum 1500 mm [maximum 800 kg]	Rewinding diameter maximum 1500 mm [maximum 800 kg]	
Sheet cutting variable between 500 - 1000 mm	Plate thickness 0'2/0'28 mm	Blanket thickness 1'05 mm

APPLICATIONS

IML Label | Pharma Labels | Flexible packaging
Folding carton

Universal advantage vs sheet-fed for IML



MARKETS

Food	
Pharmacy	
Cosmetics	
Alcoholic and Non alcoholic beverages	

“ IT ALLOWS A LOT OF CONFIGURATIONS AND COMBINATIONS
IN PRINTING, PROCESSES AND FINISHINGS. ”



ROTATEK PRINTING AND PACKAGING TECHNOLOGIES S.L.
Sant Marti 65-71, Nave 12-13, 08107 Martorelles, Barcelona, Spain.
www.rotatek.com, email: rotatek@rotatek.com

