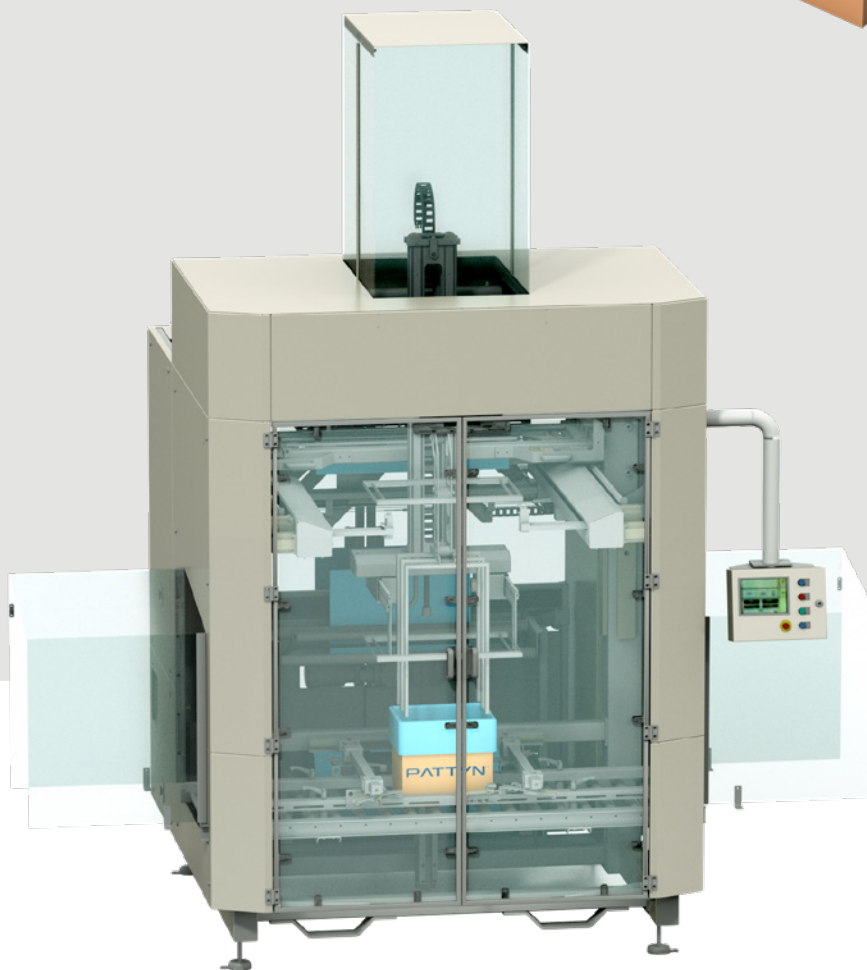
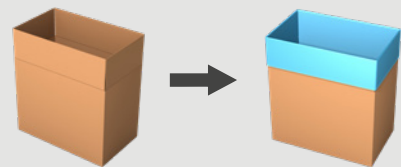


## BAGMAKER INSERTER RAZIM-21

From a roll of **gusseted** or **non gusseted** tubular film, the Razim-21 automatically makes, cuts and inserts bags into cases.



INTEGRATED  
MECHANICAL  
PLUNGER

### For special applications

- **Integrated mechanical plunger.**
- Different types of **special film**, such as aluminium coated film and high barrier film.
- Double liner.

### Hygienic design

- Up to **12 cases/minute**.
- Designed for maximum cleaning accessibility.



Watch our videos  
at [pattyn.com](http://pattyn.com)

# TECHNICAL SPECIFICATIONS RAZIM-21

## Leakproof bag

- Impulse sealing for a controlled, clean and leakproof seal.

## Failsafe bag opening

- Mechanical grippers instead of delicate vacuum cups.

## Perfectly controlled bag insertion

- Case flap holders for perfect case flap positioning.
- Integrated mechanical plunger.

## For specific needs and specific products

- Perfect bag insertion as required for crystallizing products such as cocoa butter, CBS, fondant sugar.
- Use of different types of gusseted and non gusseted tubular film for paint powders & food ingredients.
- Use of multi-layer high barrier film for different applications.
- Insertion of two bags in one box as required for the high demanding industries.

## Standard equipped with:

- Integrated mechanical plunger.
- Maintenance free V-shaped guillotine knife for a perfect film cut.
- Colour touch panel for easy operation.
- Remote Access Point (one per line).



Mechanical grippers



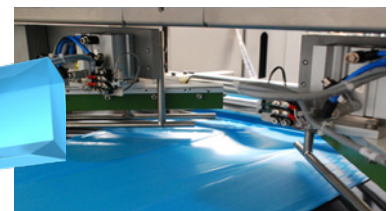
Stepper motor driven spoon module



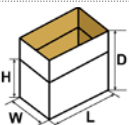
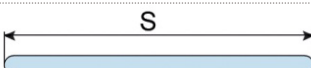
Integrated mechanical plunger

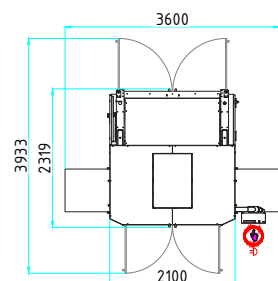


Optional thermo transfer printer



Optional corner seal unit 45°

CONTAINER SPECIFICATIONS (For other dimensions, please contact Pattyn)	
Type	Cases
Range (L x W // D) mm	<b>Mono or multi footprint (L x W) / mono height</b> Min. 300 (L) x 200 (W) // 200 (D) Max. 600 (L) x 400 (W) // 650 (D)
	Outside dimensions
FILM SPECIFICATIONS	
Type	<b>Gusseted or non gusseted tubular film*</b> : aluminium coated film, multi-layer high barrier film
<b>* When running non gusseted tubular film: Max. S = 840 mm (S = half of circumference of the film).</b>	
Thickness	Min. 15 µm
Weight of film roll	Max. 60 kg
Outside diameter film roll	Max. 450 mm
Inside diameter of core	76 mm
OUTPUT AND CONSUMPTION	
Output single liner	Up to 12 c/min when using gusseted film Up to 8 c/min when using non gusseted film
Output double liner	Please contact Pattyn
Installed power	11,5 kW
Voltage	3 x 400 V + N + E / 50 Hz
Air supply	6 bar / 1/2" min
Air consumption	60 NI / cycle
Weight	2100 kg
OPTIONS (More options are available, please contact Pattyn)	
Advanced stainless steel execution	Two active seal bars
Mechanical bag-in-box detection	Cross seal unit (only for gusseted film)
Film roll trolley	
Thermo transfer printer for real time printing on bags (traceability)	
Multiple case heights (For limited range only, to be checked by Pattyn)	



Machine height 3940 mm

Machine height as reference only,  
depending on case height.

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Turnkey solutions for industrial packaging.