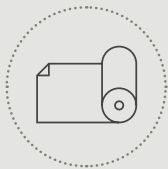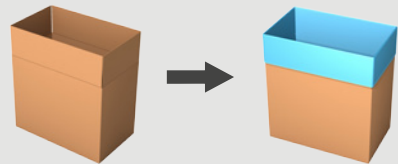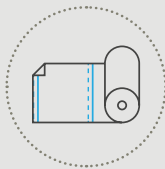# BAG INSERTER
ZIM-31

From a roll of polyethylene film, the compact ZIM-31 automatically inserts bags into boxes, crates or trays.

The bag inserter runs with **made-to-measure bags or pre-made bags from a 12 kg reel** and handles multi box footprints.

made-to-measure bags from a reel

pre-made bags from a reel
SOF
seal off first

Case lining convenience

- Continuous production thanks to the **automatic film roll exchange.**
- Super **compact:** only 1,7 x 1,3 m floor space needed.
- **15" HMI** to facilitate operator convenience.

Your intelligent bag inserter

- **Up to 12 cases/minute.**
- Quick and **ergonomic film roll loading**.
- **Patented smart film opening technology**.

Watch our videos at pattyn.com

TECHNICAL SPECIFICATIONS ZIM-31

Made-to-measure bags from a reel
- Continuous tubular gusseted film on a reel.
- Impulse sealing for a controlled and clean seal.

Pre-made bags from a reel
- Pre-sealed and perforated bags on a reel for optimal convenience.

Failsafe bag opening
- New strong gripper and spoon module.
- Patented smart film opening technology with a special vacuum and air insertion system.

Perfectly controlled bag insertion
- Case flap holders for perfect case flap positioning.
- Servo driven up and down movement of the gripper frame for a steady and smooth operation.
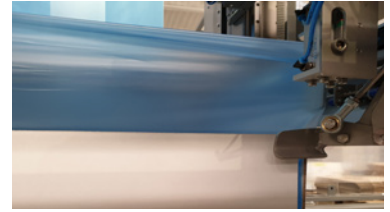
Operator friendly design
- Good maintenance accessibility.
- Improved interface with 15"HMI to facilitate operator convenience.

Standard equipped with:
- 15" HMI.
- Multicolour warning light.
- Infeed conveyor with integrated box centering device and separator.

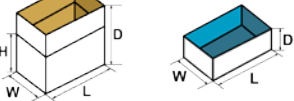Mechanical grippers & spoons

Case flap holders

Automatic film roll exchange (optional)

15 " HMI

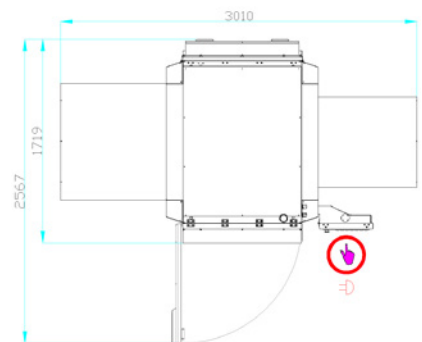| CONTAINER SPECIFICATIONS (For other dimensions, please contact Pattyn)	
Type	Boxes, trays and crates
Range (L x W // D) mm	**Multi footprint (L x W) /variable heights** Min. 300 (L) x 200 (W) // 250 (D) Max. 610 (L) x 410 (W) // 650(D) Outside dimensions

FILM SPECIFICATIONS	
Type	Tubular film with gussets
Thickness	As from 15 µm
Weight of film roll	Max. 12 kg
Outside diameter film roll	Max. 230 mm
Inside diameter of core	76 mm

OUTPUT AND CONSUMPTION	
Output	Up to 12 c/min **(Depending on case sizes)**
Installed power	4,5 kW
Voltage	3 x 400 V + N + E / 50 Hz
Air supply	6 bar / 1/2" min
Air consumption	45 Nl / cycle
Weight	650 kg

OPTIONS (More options are available, please contact Pattyn)	
Automatic film roll exchange	Advanced stainless steel execution
Access point for remote support	Air plunger for improved bag positioning
Automatic format change	

Machine height with film roll door closed: 2095 mm
Machine height with film roll door open: 2255 mm

PATTYN®

Turnkey solutions for industrial packaging.