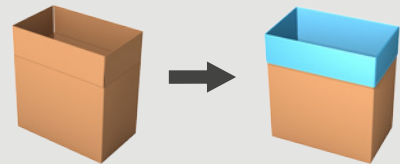**PATTYN**®

# BAGMAKER INSERTER
# FLEXIM-31

From a roll of polyethylene film, the high performance Flexim-31 automatically makes, cuts and inserts bags into cases, crates, trays, tins or pails. The Flexim-31 is **standard equipped with fully automatic format change**.

**LOWEST PACKAGING COST USING BAGS FROM A REEL**

## Minimize your bag cost

- **Save up to 30%** with made-to-measure bags from a reel.
- **Less film used** thanks to a perfectly controlled bag insertion.
- PE film starting from **10 µm**.

## High performance & trouble-free production

- Up to **20** cases/minute.
- Up to 4000 bags on one reel for **higher autonomy.**
- **Elimination of operator mistakes** thanks to the fully automatic format change.
- Quick and **ergonomic film roll exchange** from the operator side.

▶ **Watch our videos at pattyn.com**

# TECHNICAL SPECIFICATIONS
# FLEXIM-31

## Leakproof bag
• Impulse sealing for a controlled, clean and leakproof seal.

## Failsafe bag opening
• Mechanical grippers instead of delicate vacuum cups.
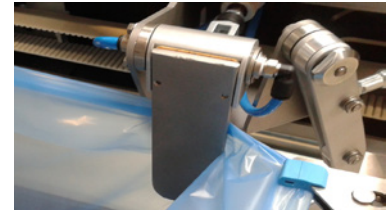
## Perfectly controlled bag insertion
• Case flap holders for perfect case flap positioning.
• Spoons with integrated air nozzle for gentle cuffing.
• Smart box lift for vertical box positioning.

## Use of stepper motor technology
• High speed.
• Self-resolving.

## Standard equipped with:
• Maintenance free V-shaped guillotine knife for a perfect film cut
• Colour touch panel for easy operation
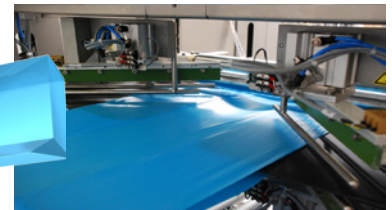

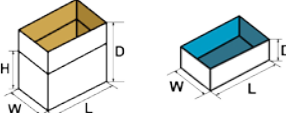Spoons & mechanical grippers with air nozzle


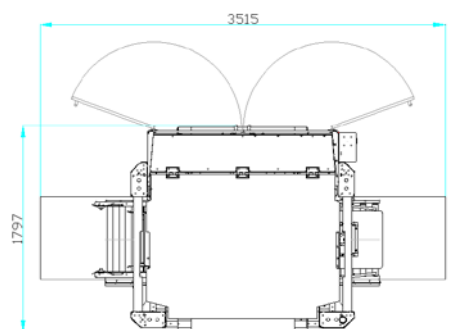Case flap holders


Controlled bag insertion


Optional thermo transfer printer


Optional corner seal unit 45°

| CONTAINER SPECIFICATIONS (For other dimensions, please contact Pattyn) | |
| --- | --- |
| Type | Cases, boxes, trays, crates, tins, pails, polystyrene cases, ... |
| Range (L x W // D) mm | **Multi or mono footprint (LxW) / variable heights**<br>Min. 300 (L) x 200 (W) // 100 (D)<br>Max. 800 (L) x 500 (W) // 650 (D)<br>Outside dimensions<br><br>*Cross seal unit 45° on both sides of the bag (150 < D < 460 mm) |
| *170 mm < D < 250 mm | Adapted bag cuff |
| *D < 170 mm | Modified box lift necessary |

| FILM SPECIFICATIONS | |
| --- | --- |
| Type | Tubular film with gussets (side folds) |
| Thickness | As from 10 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 | Standard 14 c/min, up to 20 c/min |
| Installed power | 4,5 kW |
| Installed power with cross seal unit | 6 kW |
| Voltage | 3 x 400 V + N + E / 50 Hz |
| Air supply | 6 bar / 1/2" min |
| Air consumption | 60 Nl / cycle |
| Weight | 900 kg |

| OPTIONS (More options are available, please contact Pattyn) | |
| --- | --- |
| Fast machine: speed above 14 to 20 c/min | Access point for remote support |
| Advanced stainless steel execution | Mechanical / Visual bag-in-box detection |
| Film roll trolley | Random case height modus |
| Cross seal unit to provide leakproof block bottom bag | |
| **Thermo transfer printer for real time printing on bags (traceability)** | |
| Integrated flaps down mechanism | |
| One line of sealing, two active sides of sealing wire | |
| Integrated air plunger for improved bag positioning | |

3515

1797

Machine height 1840 mm

# PATTYN®

Turnkey solutions for industrial packaging.