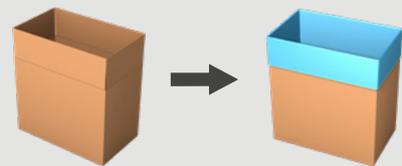# BAGMAKER INSERTER
FLEXIM-41

From a roll of polyethylene film, the high performance Flexim-41 automatically makes, cuts and inserts bags into cases, crates, trays, tins or pails. The Flexim-41 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 **22** 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.
- **15" HMI** to facilitate operator convenience

Watch our videos at pattyn.com

TECHNICAL SPECIFICATIONS FLEXIM-41

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

Failsafe bag opening
- Innovative gripper and spoon module.
- Patented smart film opening technology with a special vacuum and air insertion system.
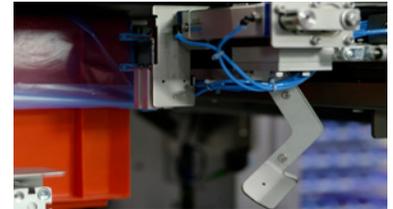
Perfectly controlled bag insertion
- Case flap holders for perfect case flap positioning.
- Smart box lift for vertical box positioning.

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

Standard equipped with:
- 15" HMI for easy operation.
- Maintenance free V-shaped guillotine knife for a perfect film cut.
- Remote Access Point (one per line).

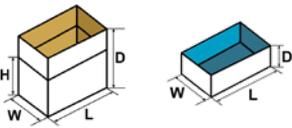Innovative gripper and spoon module
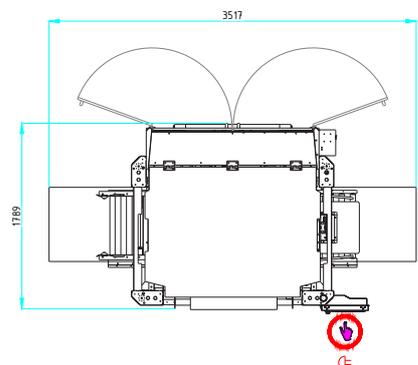

Case flap holders

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** Min. 300 (L) x 200 (W) // 100 (D) Max. 800 (L) x 500 (W) // 650 (D) Outside dimensions *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 up to 14 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:14 to 18 c/min High speed servo: 18 to 22 c/min	Mechanical / Visual bag-in-box detection
Advanced stainless steel execution	Random case height modus
Film roll trolley	
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	

Machine height with door closed 2144 mm
Machine height with door open 2804 mm

PATTYN®

Turnkey solutions for industrial packaging.