

DRIVE BELTS	AUTOMATION GRADE	BOX FORMAT	FORMAT SETTING	SEALING TECHNOLOGY
SIDE	FULLY AUTOMATIC	UNIFORM	MANUAL	PSA TAPES

BoxR

IN LINE AUTOMATIC CASE ERECTOR

BoxR is the new automatic case erector with in-line box storage, designed to **minimize footprint** compared to standard machines — making it ideal for environments where space is limited.

It forms, folds, and seals the bottom of boxes with adhesive tape, preparing them for the downstream processes of filling and top sealing.

Thanks to its **ease of use and compact design**, it's the perfect solution for transitioning from manual or semi-automatic box erection to a fully automated process.



KEY BENEFITS

SAVE SPACE

Limited footprint thanks to the in-line magazine.

FIRST STEP INTO THE AUTOMATIC BOX ERECTION

An efficient way to boost packing processes through automated operations, eliminating the poor ergonomics and low productivity of manual box erection.

BOX SQUARING GUARANTEED

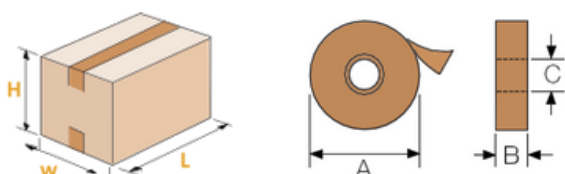
Solid and efficient squaring process, ensuring high-quality boxes for smooth downstream operations.

SAFETY FIRST

Equipped with emergency interlocks, with both the magazine and moving parts fully protected to ensure maximum safety and usability, in full compliance with the latest CE regulations.

SIMPLE LINE INTEGRATION

PLC-based, with standard signal exchange for easy integration into new or existing lines.



SPECIFICATIONS

Boxes

Box Min (mm) LxWxH	200 x 150 x 150
Box Max (mm) LxWxH	450 x 400 x 450
Box Type	RSC, HSC, FEFCO 0200/0201
Flute Type	B-C-E
The indicated sizes apply in situations where all of them are present simultaneously. If your boxes exceed the mentioned dimensions, it is possible to exceed the limits for one dimension as the values of the others decrease. For a more accurate assessment, please contact SIAT.	

Machine

Productivity up to (bpm)	10
(Based on the shortest processible box length)	
Box storage up to	150
Box Exit	Left - Right
Sealing type	PSA Tape
Taping Units	K11 (2")
Tape Leg (mm)	70
Processable Tapes	PVC / OPP / PET / Paper
Tape Reel Max DIA (mm)	410
Inner Tape Core (mm)	76
Air Consumption (NI/Cycle)	48
(BH) Workbench height (mm)	from 650 to 900
Standard PLC	SIEMENS S7-1200
Power Supply	380/415V 50Hz 3PH+N+PE
Power Absorption (Amps)	1,33
Pneumatic Supply (bar)	5,5-7
Installed Power (kW)	0,36
Machine Dimensions LxWxH (mm)	3.715 x 1.515 x 1.800 - 2.150
Machine Weight (Kg)	550



KEY FEATURES

In-Line Magazine



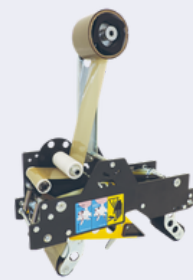
Gravity in-line magazine with storage capacity of up to 150 boxes, aligned with the box erection path to minimize the overall machine footprint—ideal where space saving is crucial.

Consistent Box Erection



It is equipped with an arm activated by a pneumatic (Venturi) system and suction cups, used to pick cartons from the box storage, fold them, and transfer them via drive belts for bottom flap folding and sealing.

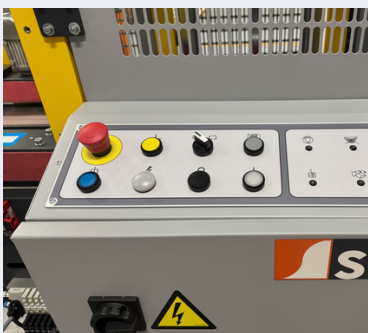
Best-in-class Taping Unit



Equipped with SIAT K Series taping units — a market benchmark that offers:

- Smooth and consistent tape application
- Quick reel change and easy threading

Intuitive Control Panel



Simple integrated control panel equipped with different features: Manual mode, Automatic mode, Emergency, Reset, Start

Safety in Operations



CE Version equipped with complete set of safety fences which follow the most updated machine CE Regulations, with interlocks and RFID sensors.

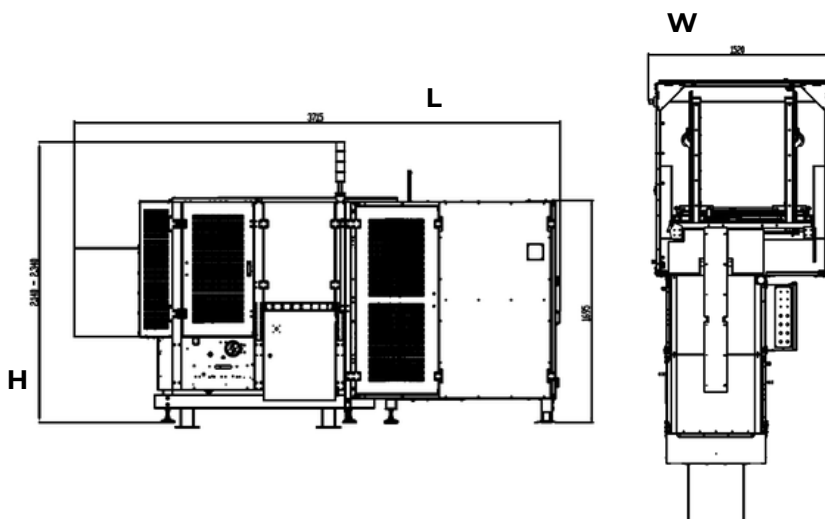
Line Integration



Equipped with PLC, can manage many signals as standard to be shared with the rest of the packing line.

OUT: Working mode, Emergency Alarm, End/Broken Tape, Box ready, Machine Alarm

IN: Full line, End/Broken tape exclusion



ACCESSORIES

Conveyors: GTL- GTR (extendable conveyors), RG (roller conveyor)



SIAT K-Series K12 (3" - 75mm)

