

DRIVE BELTS	AUTOMATION GRADE	BOX FORMAT	FORMAT SETTING	SEALING TECHNOLOGY
SIDE	FULLY AUTOMATIC	UNIFORM	ATUOMATIC (SERVO)	PSA TAPES

EZ Seal

FULLY AUTOMATIC UNIFORM SIZE CASE SEALER

EZ-Seal is the new premium fully automatic side drive belts case sealing machine designed to handle filled regular slotted boxes of uniform dimensions, coming from a line without the need of operators, making this model the ideal choices to be integrated in a complete end-of-line system.

The format is automatically adjusted via a servo-driven system with recipe management, automatically closing the upper and lower cartons flaps and sealing top and bottom of the boxes. Equipped with full SIAT PLC architecture, 7" touch screen HMI with integrated diagnostics, and an integrated cadencing system, EZ-Seal delivers up to 40 bpm, becoming one of the most powerful automatic case sealers available in the market.



KEY BENEFITS

MAXIMUM PRODUCTIVITY

Fully automatic operation up to 35 bpm (40 with optional rotary kicker), reachingspeeds up to 50 m/min,eliminating bottlenecks and maximizing throughput

AUTOMATIC FORMAT CHANGE

Servo-driven automatic recipe-based format change reducesdowntime between differentbatches from minutesto seconds, ensuring repeatability and consistency of performance

DESIGNED FOR INTEGRATION

Industry 4.0 Ready with OPC-UA protocoland open standards for universal compatibility with all automation brands. Symmetrical design with Zero Line and Center Line configurations and cadencing system embedded

PERFECT BOX SEALING

Strong and robust design combined with high speed sealing system ensure consistent, precisebox closure even with variable quality of consumables.

EASE OF USE

Intuitive multilingual 7" touch HMI with clear diagnostics, automatic box size adjustment, recipes management and integrated box cadencing system for full and easy control of case sealing process

SAFETY & RELIABILITY

CE compliant with Machinery Directive, robust 4-actuator steel frame with stainless steelsliding surface, visiblemoving parts for easy inspection, and predisposition for LoTo procedures

SPECIFICATIONS

Boxes

Box Min (mm) LxWxH	130 x 100 x 130
Box Max (mm) LxWxH	600 x 500 x 600
Box Type	RSC, HSC, FEFCO 0200/0201/0205
Flute Type	B-C-E
Min-Max Box Weight (kg)	1 - 45

Machine

Productivity up to (bpm)	35 (40 Opt.)
Based on the shortest processible box length	
Belt Speed (m/min)	50
Operator side	Left - Right
Taping Units	High Speed
Tape Legs (mm)	58 (± 6)
Processable Tapes	PVC / OPP / PET / Paper
Tape Reel Max DIA (mm)	410
Inner Tape Core (mm)	76
Workbench height (mm)	from 533 to 700
Air Consumption (NI/Cycle)	2
Power Supply	220-240V - 50/60 Hz 1Ph
Pneumatic Supply (bar)	5,5 - 7
Installed Power (kW)	2,25
Power Absorption (Amps)	10
Machine Dimensions LxWxH (mm)	1.830 x 1.460 x 1.690



KEY FEATURES

Servo-Driven Adjustment

Automatic recipe-based format change via servo-driven system, saving and recalling recipes from the HMI. Micro-adjustments possible from the panel for box irregularities without stopping production.

Robust Industrial Design

High-resistance painted steel structural tubular frame with stainless steel sliding surface. 4-screw actuator TOP head with welded steel supporting structure for superior rigidity.

Best line integration

OPC-UA protocol and open standards for universal compatibility. Complete signal exchange with PLC, SCADA, WCS, and WMS systems. Symmetrical design with reversible electrical panel.

Integrated Cadencing System

Gate-based box spacing system prevents jams and interruptions, ensuring a continuous production flow and maximizing uptime without affecting productivity.

Complete Diagnostics

Full PLC-based diagnostics: end of tape, sealing failures and box passage detection. Clear and timely warnings on the HMI for quick recovery interventions.

Flexible Configuration

Zero Line and CenterLine configurations. Offset top unit for FEFCO 0205 non-standard boxes. Optional electric rotary kicker and active major flap folders for special requirements.

OPTIONALS



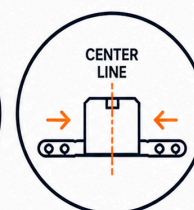
ELECTRIC ROTARY KICKER

Smooth ramp-up to 40 bpm



ACTIVE MAJOR FLAP FOLDERS

Reliable closing for challenging boxes



CENTER LINE CONFIGURATION

Maximum layout flexibility



SIAT CONNECT (REMOTE ASSISTANCE)

Remote support when you need it

