

EZ-BOX 20

HIGH SPEED

AUTOMATIC CASE ERECTOR

The groundbreaking new EZ-BOX 20 represents a big step towards a new SIAT range of even higher-performing solutions. It is the result of a strategic synergy between Combi and Siat in developing complex, highly engineered end-of-line systems.



KEY BENEFITS

HIGH PERFORMANCE

Up to 20 boxes/minute
(box dimensions & quality dependent)

REDUCED DOWNTIME

3 minutes box size changeover;
consistent and reliable processes;
extendable walk-in motorized magazine
from 120 to 220 blank storage

SQUARE BOXES GUARANTEED

Overcomes different types of box quality and construction
with an excellent box forming and flap folding capability

PERFECT BOX SEALING

Dual side belt drive with SIAT K series taping units available
for 50 mm (2") and 75 mm (3") tape width

EASY-TO-USE

Full control and complete diagnostics on a
7" touchscreen display

SAFETY FIRST

Equipped with state-of-the-art security systems,
ensuring maximum safety and usability in compliance
with the latest CE regulations

EASY-TO-INTEGRATE

PLC based with complete signal exchange for the best
integration into new or existing lines

FULL FLEXIBILITY

Possibility to work with both right and left-handed boxes
using the same machine (optional)

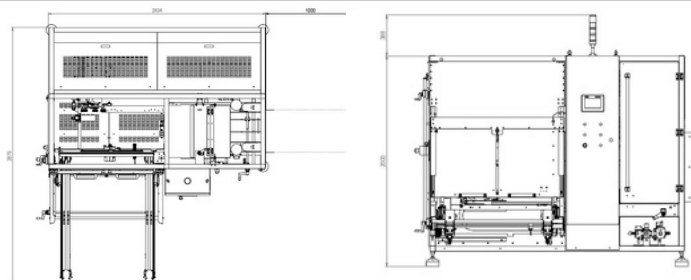
SPECIFICATIONS

Boxes

Box Min (mm) LxWxH	200 x 150 x 100
Box Max (mm) LxWxH	600 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 (bpm)	20
Box storage	120 -220 opt.
Magazine Type	Motorized Walk-In
Vacuum System	Venturi
Box Exit	Left - Right
Sealing type	PSA Tape
Taping Units	K11 (2") - K12 (3") opt.
Processable Tapes	PVC / OPP / PET / Paper
Tape Reel Max DIA (mm)	410
Inner Tape Core (mm)	76
Air Consumption (NI/Cycle)	3,5
Workbench height (mm)	from 600 to 700
Standard PLC	SIEMENS
Power Supply	380/415V 50hZ 3PH+PE
Pneumatic Supply (bar)	5,5-7
Installed Power (kW)	1,27
Machine Dimensions LxWxH (mm)	2.550 x 2.870 x 1.900
Machine Weight (Kg)	500



KEY FEATURES

Ergonomic Blank Magazine



- Motorized Walk-in Magazine
- End-of-boxes detection for easy blank loading
- 3 minutes changeover for continuous production minimizing downtimes

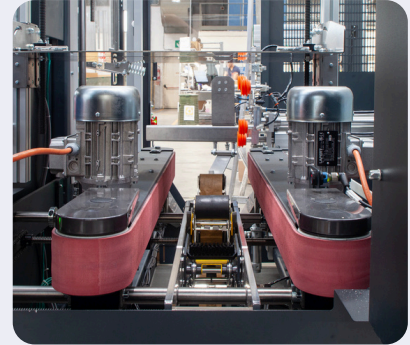
Excellent Case Forming



Guaranty of square boxes with:

- 4 self-cleaning vacuum cups
- Back squaring paddle
- Positive flap folding
- Extra box flap opener

Best-in-class Taping Unit



Equipped with SIAT K series Taping Units, a market benchmark which offers:

- Smooth and consistent tape application
- Fast reel change and threading

All Controls at the Fingertips



Intuitive 7" touchscreen display with:

- manual and automatic operations,
- clear diagnostics

All utilities accessible on operator side for full control and reduced footprint

Safety in Operations



Guaranty of secure operation with:

- safety shields and curtains
- interlock switches
- safety photocell for blank detection

Remote Assistance




The best level of efficiency and security in your industrial connectivity:

- secure and easy internet access
- advanced safety for remote access management
- troubleshoot remotely


Forget the Print Orientations

**Box Exit Left
Right-handed Box**

Standard Box Layout



Optional with Opposite Hand Kit




**No Need To
Overturn The Box**


with the unique Opposite Hand kit, which allows to process both right- and left-handed cases owning just one machine

**Box Exit Right
Left-handed Box**

Standard Box Layout



Optional with Opposite Hand Kit



OPTIONALS

Siata Connect for remote connection and assistance	K12 SIAT Taping Unit (3")	Outfeed Safety Tunnel
Opposite Hand Boxes Kit	Extended Magazine up to 220 boxes	Higher work bench 700 to 800mm

