

F44

Automatic Case Erector

The F44 is an automatic case erector with boxes storage in line. It is designed to fold and at a later stage to seal with adhesive tape the bottom of boxes. The machine runs at a variable output up to 480 boxes/hour according to box dimensions. Machine adjustments are simple and fast. The F44 model has been designed in compliance with CE regulations.



KEY FEATURES

- Gravity box storage for 150 boxes
- Boxes storage in line
- Drive belts speed 21m/min
- Output up to 480 boxes/hour
- 1 arm activated by a pneumatic system with suction cups to take cartons from the boxes storage, to fold and to take them away by drive belts (2 x Motors kW 0,18 each) for the bottom flaps folding & sealing
- K11R taping unit – 50mm width
- VENTURI® vacuum system
- Control panel equipped with: box counter – box timer, low box storage alarm, low tape/no tape alarm, full line alarm after the machine
- Safety protections with switches to disconnect electric & pneumatic circuits if opened
- Machine controlled by PLC

F44

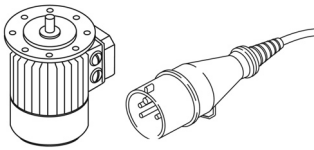
Automatic Case Erector

MACHINE DIMENSIONS



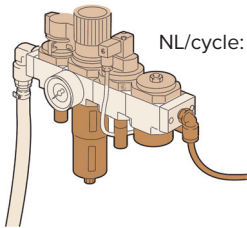
Dimensions		
	Min	Max
H	1800	2150
cbh	600	950
AS77	700	1050

POWER SUPPLY



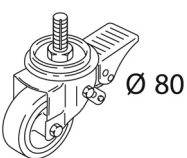
Standard Power Supply	
380/400V - 50Hz - 3ph	
440V - 60Hz - 3ph	
Amps	1.33
Power kW	0.36
Phase	3Ph + N + PE

AIR CONSUMPTION

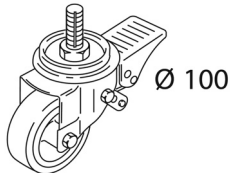


NL/cycle: 48 (from 5.5 bar to 7 bar)

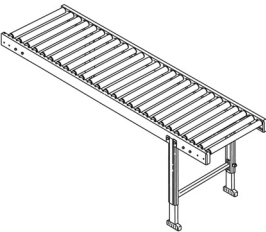
OPTIONS & ACCESSORIES



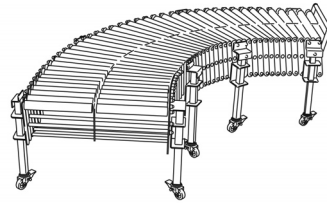
AS77 Casters



AS109 Casters

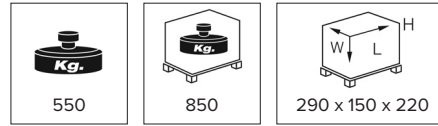


RG Roller Conveyor



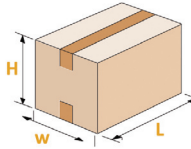
GTL-GTR Extendable Conveyor

SIZE / WEIGHT PACKAGING

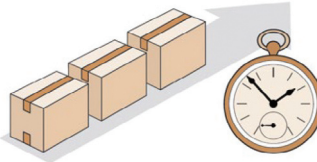


BOX DIMENSIONS & PRODUCTIVITY

K11R (std.) / K12R (on demand)



Dimensions		
L (mm)	Min.	200
	Max.	450
W (mm)	Min.	150
	Max.	350
H (mm)	Min.	150
	Max.	450



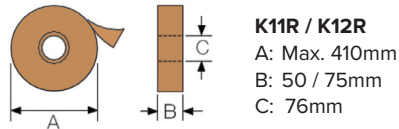
Max. production capacity:
Up to 480* BPH

* Always based on shorter managa.

PROCESSABLE TAPES

Base Material	PVC / OPP / PET / Paper*
Adhesive Type	Solvent / Hot Melt / Acrylic
Special Tape	Filament-Tape** / Safety-Seal-Tape***

* with limitations ** special tape cutting blade required *** a test may be necessary



K11R / K12R
A: Max. 410mm
B: 50 / 75mm
C: 76mm

BOX REQUIREMENTS

Quality result of the taped box depends on general box quality and dimensional accuracy, as well as the quality of tape used. Box Types: FEFCO 0201 – RSC (other types maybe possible)

Adverse Impact Factors



Under filling

Over filling

Weak boxes