

F44

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. F44 model has been designed in compliance with CE regulations.



Control panel

Polycarbonate safety panels

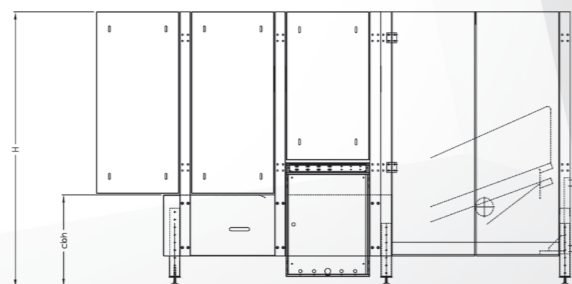
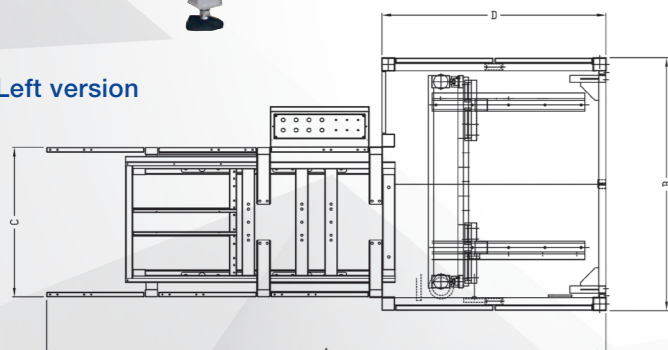
3-color-lighted indicator



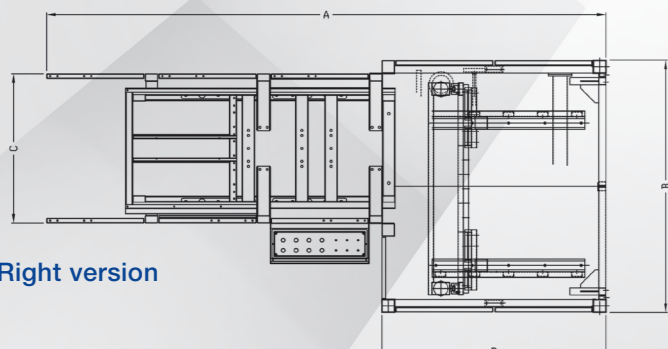
Key Features

- Gravity box storage for 150 boxes
- Boxes storage in line
- Drive belts speed 21 m/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 - 50 mm 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

SX - Left version



DX - Right version



	F44
A	3113
B	1405
C	830
D	1246
H	1800 / 2150

Machine dimensions

Dimensioni macchina
Machinmessungen
Dimensions machine
Dimensiones de máquina

> F44

	Min.	Max
H	1800	2150
cbh	600	950
AS 77	700	1050

> F144-F344-F144/4-F344/4

	Min.	Max
H	1645	1800
cbh	545	700
AS 109	665	820

Size / Weight packaging	Kg	mm	LxWxH
> F44	550	850	290x150x220
> F144-F144/4 > F344-F344/4	600	850	255x210x220
> F145 - F345	600	850	255x210x220
> F146 - F346	650	850	255x240x220

> F145 - F345

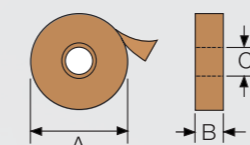
	Min.	Max
H	1645	1800
cbh	545	700
AS 109	665	820

> F146 - F346

	Min.	Max
H	1750	1950
cbh	650	850
AS 109	770	970

Taping units

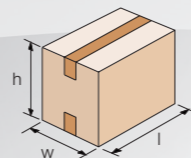
Unità nastranti
Verschliesseinheiten
Unités enrubanueuses
Unidades de precinto



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

Box dimensions

Dimensioni delle scatole
Kartonabmessungen
Dimensions des boîtes
Dimensiones de cajas



> F44

	K11R std. / K12R on demand	
	Min.	Max
l	200	450
w	150	350
h	150	450

> F144 - F344

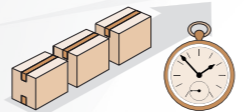
	K11R std. / K12R on demand	
	Min.	Max
l	150	450
w	150	350
h	150	450

> F144/4 - F344/4

	K11R std. / K12R on demand	
	Min.	Max
l	150	450
w	130	350
h	120	400

Production capacity

Capacità di produzione
Produktionskapazität
Capacité de production
Capacidad de producción



> F44

Bph	Max pcs.*
480	480

> F144 > F144/4

Bph	Max pcs.*
700	700

> F145

Bph	Max pcs.*
600	600

> F146

Bph	Max pcs.*
500	500

> F344 > F344/4

Bph	Max pcs.*
1100	1100

> F345

Bph	Max pcs.*
1000	1000

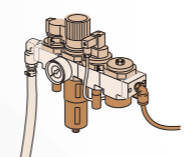
> F346

Bph	Max pcs.*
900	900

*Always based on shorter manageable box

Air consumption

Consumo aria
Luftverbrauch
Consumation d'air
Consumo de aire



> F44

NL	Cycle
48	48

> F144 > F144/4

NL	Cycle
48	48

> F145

NL	Cycle
54	54

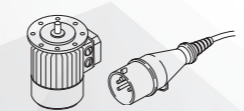
> F344 > F344/4 > F345 > F346

NL	Cycle
9	9

from 5,5 bar to 7 bar

Standard voltage

Voltage standard
Standardspannung
Tension standard
Voltage estándar



> F44

380/400V - 50Hz - 3F	440V - 60Hz - 3F
Amps 1,33	Amps 1,33
Power kW 0,36	Power kW 0,36
Phase 3Ph + N + PE	Phase 3Ph + PE

> F144 - F144/4 - F145 - F146

380/400V - 50Hz - 3F	440V - 60Hz - 3F
Amps 1,33	Amps 1,33
Power kW 0,36	Power kW 0,36
Phase 3Ph + N + PE	Phase 3Ph + PE

> F344 - F344/4 - F345 - F346

380/400V - 50Hz - 3F	440V - 60Hz - 3F
Amps 5,73	Amps 1,31
Power kW 1,31	Power kW 1,31
Phase 3Ph + N + PE	Phase 3Ph + N + PE

Optionals

Accessori
Zubehör
Accessories
Accessorios

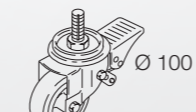
> AS77 (only for F44)

Casters
Set ruote
Rädchen
Roulettes
Ruedas



> AS109

Casters
Set ruote
Rädchen
Roulettes
Ruedas



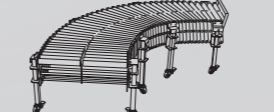
> RG

Roller conveyor
Piani a rulli
Rollenbahnen
Plans à rouleaux
Rodillos libres



> GTL - GTR

Extendable conveyor
Rulliera estensibile
Ausziehbares rollenbahnen
Convoyeur extensible
Rodillos extensibles



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for more details:



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F144

F144 is an automatic case erector 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 700 boxes/hour according to box dimensions. Machine adjustments are simple and fast. F144 model has been designed in compliance with CE regulations.

Key Features

- Box storage for 150 boxes
- Box storage available on left side (SX) or right side (DX)
- Output up to 700 boxes/hour
- 2 carriages 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 forming & sealing
- K11R taping unit - 50 mm 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



Control panel with visual indicators of operation anomalies

F344

F344 is an automatic case erector designed to form and at a later stage to seal with adhesive tape the bottom of boxes. The machine runs at a variable output up to 1100 boxes/hour according to box dimensions. Machine adjustments are simple and fast. F344 model has been designed in compliance with CE regulations.

Key Features

- Box storage for 150 boxes
- Box storage available on left side (SX) or right side (DX)
- Output up to 1100 boxes/hour
- 2 carriages 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 0,65 each) for the bottom flaps folding & sealing
- K11R taping unit - 50 mm width
- Vacuum pumps system
- Control panel equipped with: touchscreen panel with trouble shooting, automatic "0" setting, carriages speed adjustment, 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

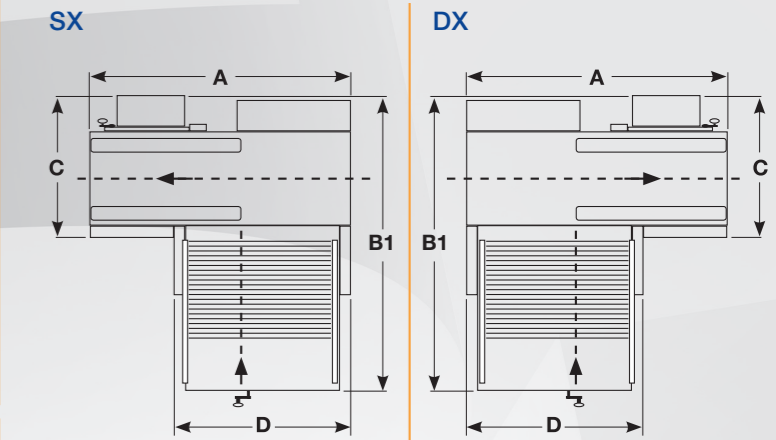


Touch screen control panel for machine functions management

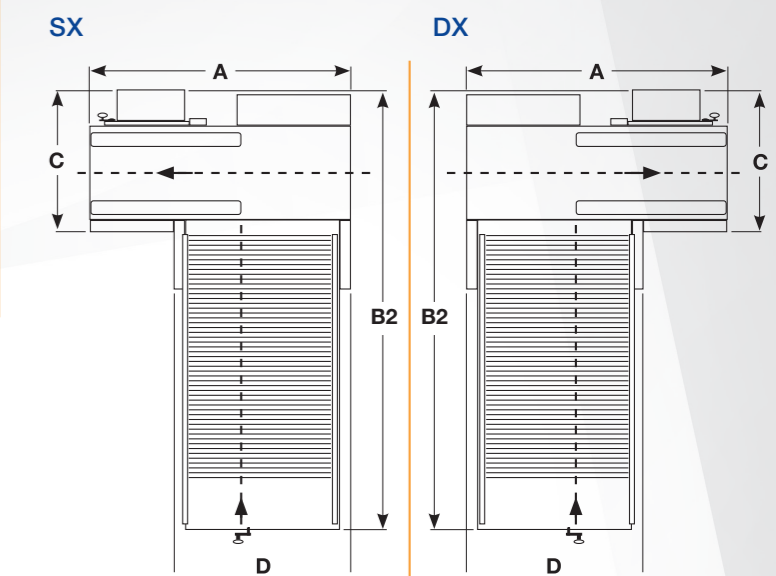
F144 / F344 left (SX) and right (DX) version



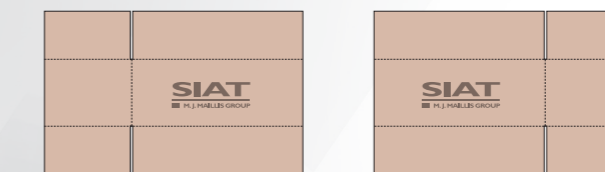
Standard box storage capacity: 80 ÷ 150 boxes according to thickness.



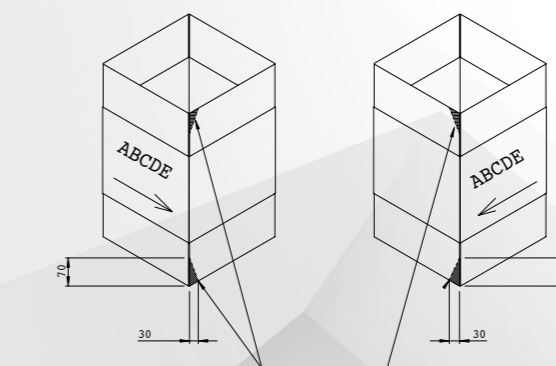
Extended box storage capacity: 160 ÷ 300 boxes according to thickness.



How to choose between a right hand and a left hand machine when using printed boxes

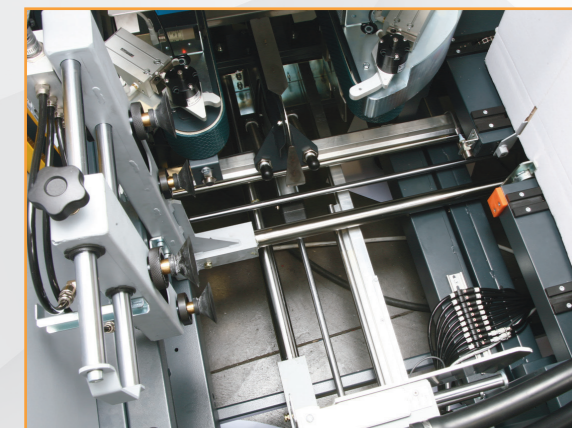
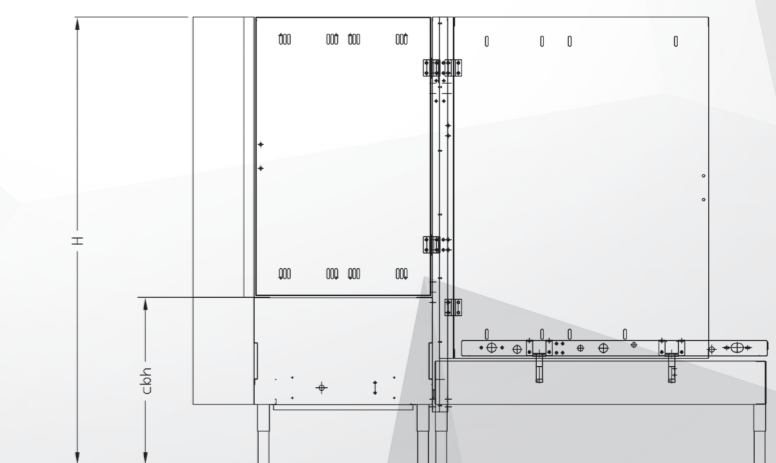


Modifications to be done on the squared boxes



Overall machine dimensions with standard or optional extended box storage

	F144/4 F344/4	F144 F344	F145 F345	F146 F346
A	1720	1720	1840	1940
B1	2280	2280	2300	2370
B2	-	3280	3340	3370
C	1060	1060	1020	1050
D	1100	1100	1230	1320
H	1645 / 1800	1645 / 1800	1645 / 1800	1750 / 1950

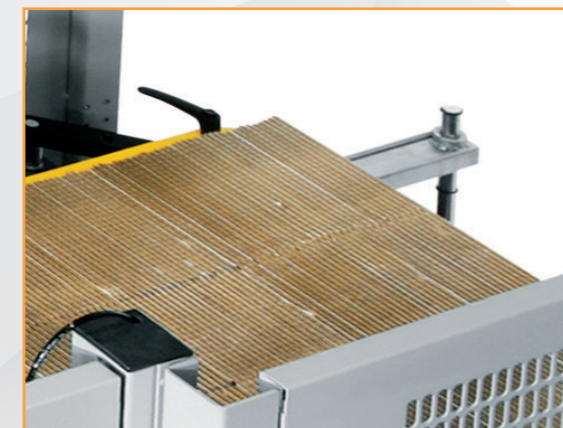


Pneumatic cylinders for box moving and box folding



F144 inox: automatic case erector made of stainless steel

for more details:



Standard/extended box storage



Vacuum pump for box picking

for more details: