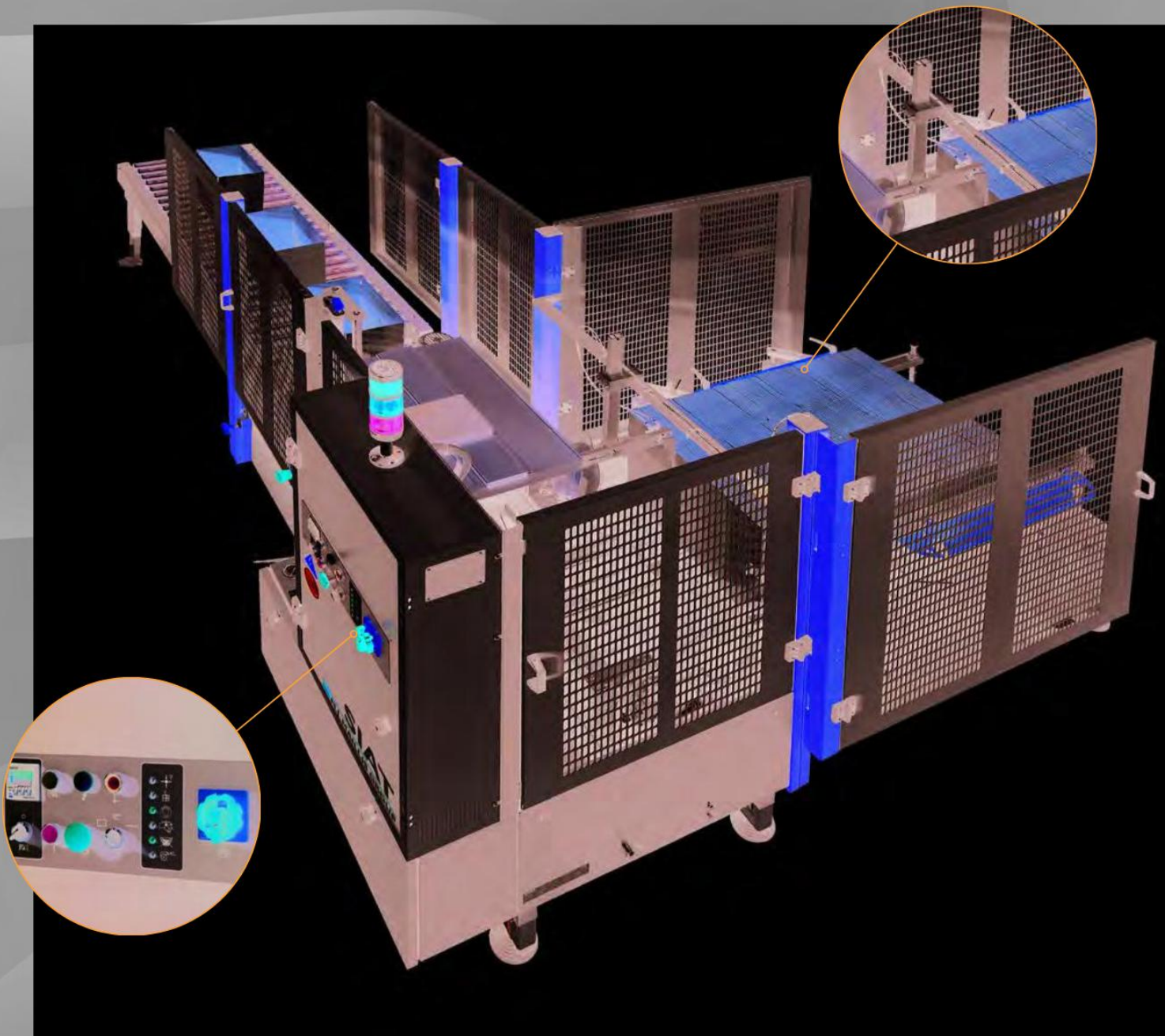


F44

F144-F344 range

Automatic Case Erectors



F44

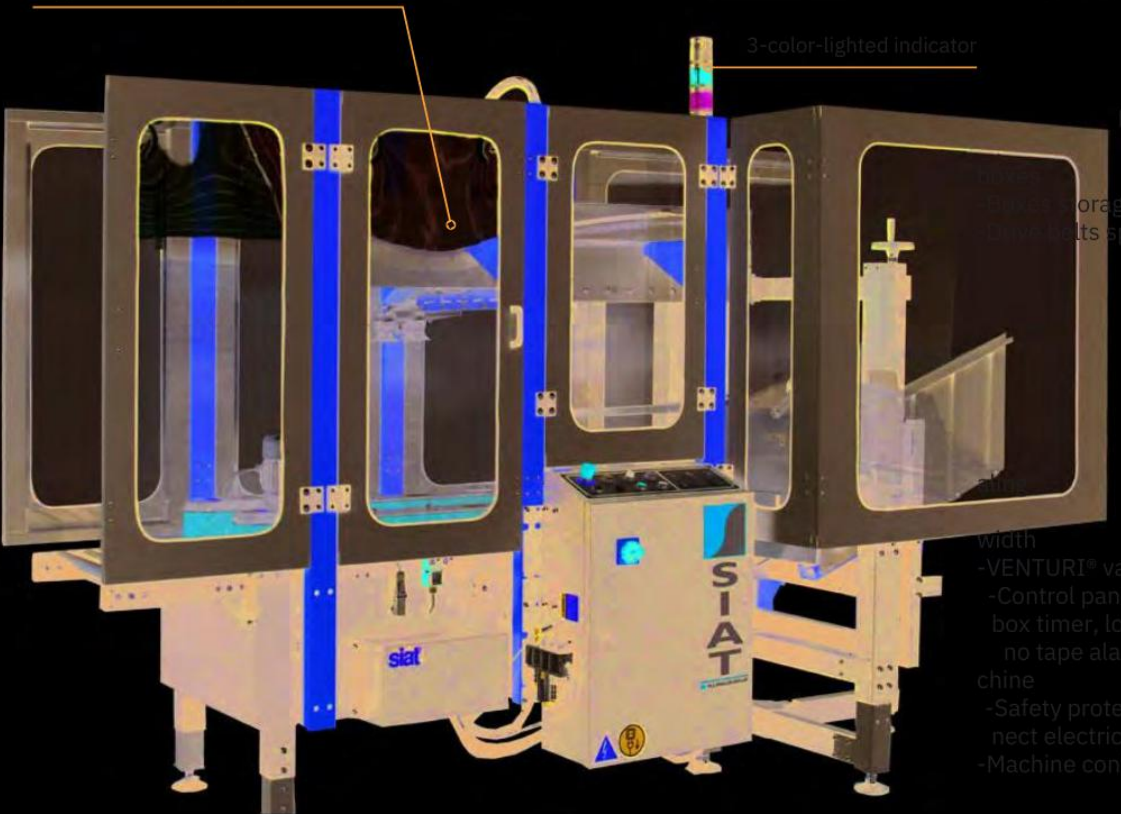
F44 is an automatic case erector with boxes storage in line. It is designed to fold and at a later stage to seal with adhesive tape the bottom of boxes. The machine runs at a variable output up to 480 boxes/hour according to box dimensions. Machine adjustments are simple and fast. F44 model has been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



Control panel

Polycarbonate safety panels

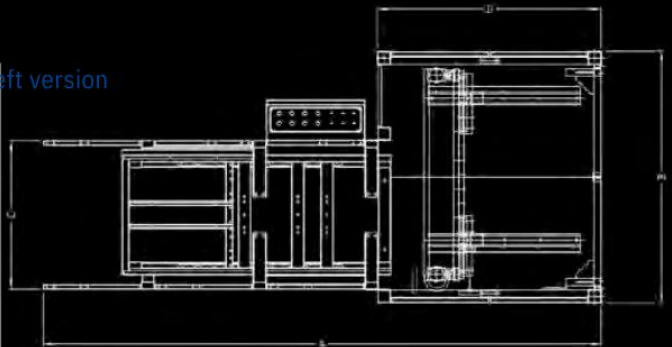
3-color-lighted indicator



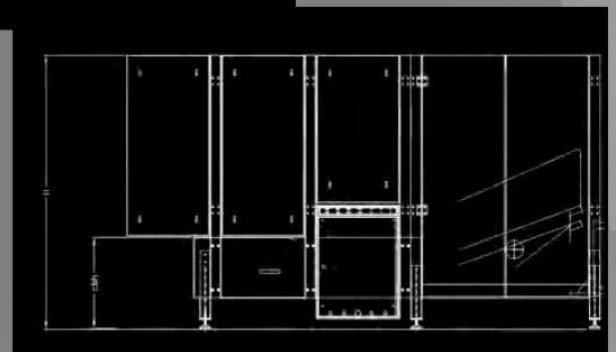
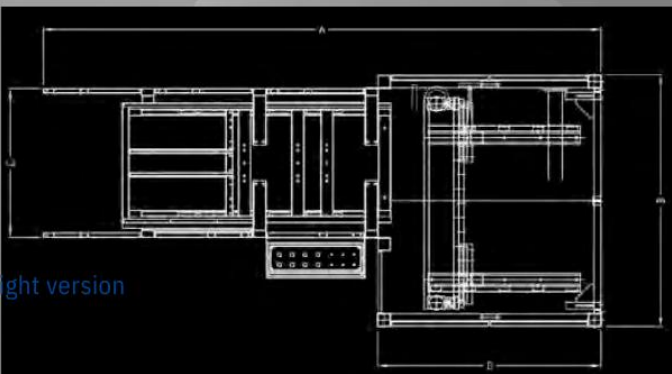
Key Features

- Gravity box storage for 150 boxes
- Boxes storage in line
- Drive belts speed 21 m/min.
- Output up to 480 boxes/hour
- 1arm 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

for more details:



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
 - 2carriages 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



Pneumatic cylinders for box moving and box folding



F144 inox: automatic case erector made of stainless steel

for more details:



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

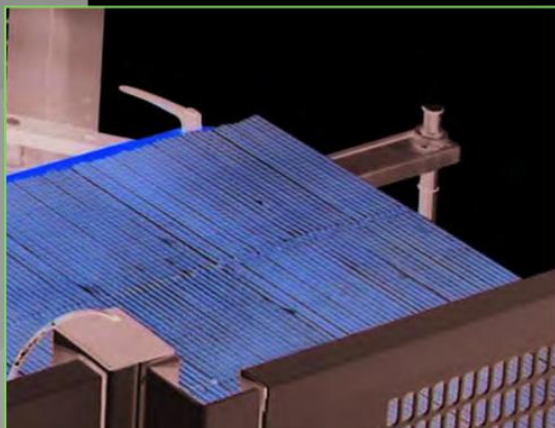
- Box storage for 150 boxes
- Box storage available on left side (SX) or right side (DX)
- Output up to 1100 boxes/hour
 - 2carriages activated by a pneumatic system with suction cups to take cartons from the boxes storage, to fold and to take them away by drive belts (2 x Motors kW 0,65 each) for the 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

Polycarbonate safety panels (optional)

3-color-lighted indicator



Standard/extended box storage



Vacuum pump for box picking

for more details:

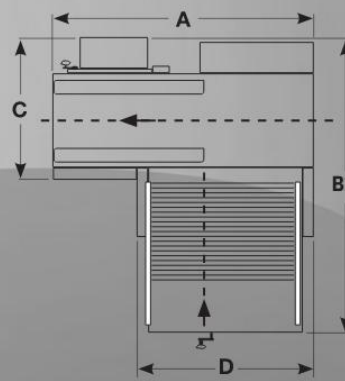


F144 / F344 left (SX) and right (DX) version

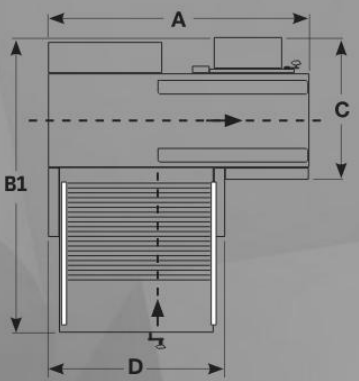


Standard box storage capacity: 80 ÷ 150 boxes according to thickness.

SX

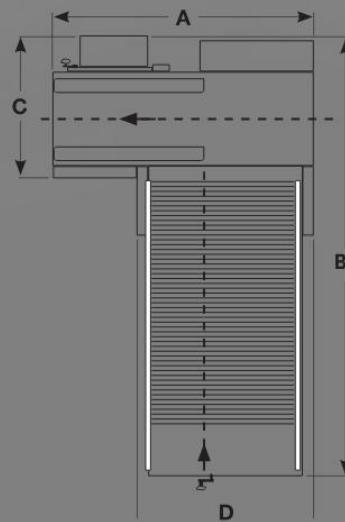


DX

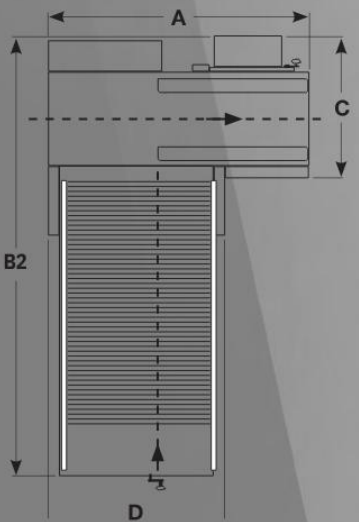


Extended box storage capacity: 160 ÷ 300 boxes according to thickness.

SX



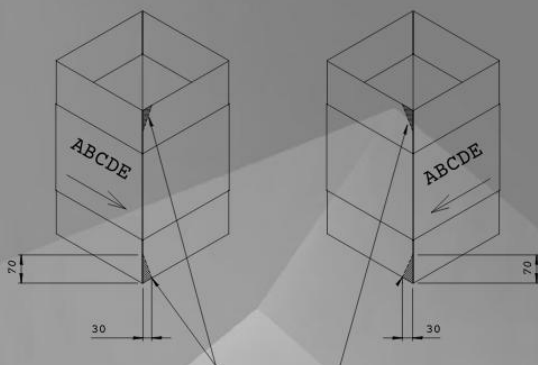
DX



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

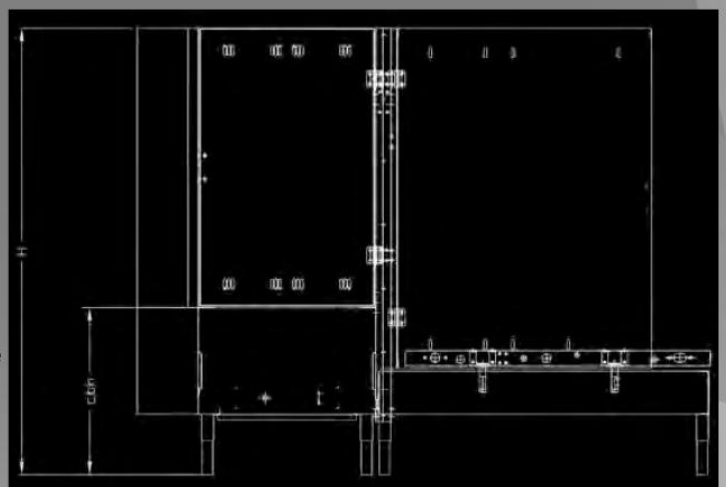


Modifications to be done on the squared boxes






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
B	2280	2280	2300	2370
1	-	3280	3340	3370
B	1060	1060	1020	1050
2	1100	1100	1230	1320
C	1645/1800	1645/1800	1645/1800	1750/1950
D				
H				



Machine dimensions
Dimensioni macchina
Machinemessungen
Dimensions machine
Dimensiones de máquina

Size / Weight packaging			LxWxH 
F44	55	85	290x150x22
F144-F144/4 F344-F344/4	0	0	0
F145 - F345	60	85	255x210x22
F146 - F346	0	0	0

F44

	Min.	Max
H	180	215
cbh	0	0
AS 77	600	950
	700	105

F145 - F345

	Min.	Max
H 1645		180
cbh 545		0
AS 109665		700
		820

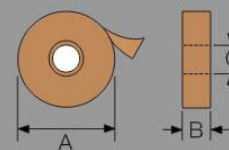
F144-F344-F144/4-F344/4

Min. Max	
H 1645 1800	
cbh 545 700	
AS 109665 820	

F146 - F346

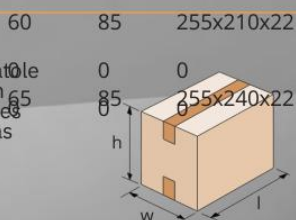
	Min.	Max
H 1750		195
cbh 650		0
AS 109770		850
		970

Taping units
Unità nastranti
Verschliesseinheiten
Unités enrubanneuses
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
I 200 450	
w 150 350	
h 150 450	

F144 - F344

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

F144/4 - F344/4

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

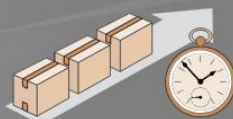
F145-F345

K11R std. / K12R on demand	Min. Max
I 200 560	
w 150 350	
h 150 450	

F146-F346

K11R std. / K12R on demand	Min. Max
I 300 620	
w 200 400	
h 220 450	

Production capacity
Capacità di produzione
Produktionskapazität
Capacité de production
Capacidad de producción



F44	Bp
Max pcs.*	h
	480

* Always based on shorter manageable box

F144 > F145

F144 > F145	Bph
Max pcs.*	700

F146

F146	Bph	Bph
Max pcs.*	600	Max pcs.* 500

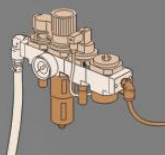
F344 > F345

F344 > F345	Bph
Max pcs.*	1100

F346

F346	Bph	Bph
Max pcs.*	1000	Max pcs.* 900

Air consumption
Consumo aria
Luftverbrauch
Consommation d'air
Consumo de aire

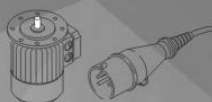


F44 > F144 > F145	NL
F144/4 > F146	
Cycle 48	Cycle 48

from 5,5 bar to 7 bar

NL > F344	NL
F344/4 > F345	
F346	
Cycle 9	

Standard voltage
Voltaggio standard
Standardspannung
Tension standard
Voltaje estándar



F44 > F144 - F144/4 - F145 - F146

380/400V - 50Hz - 3F	380/400V - 50Hz - 3F
440V - 60Hz - 3F	440V - 60Hz - 3F
Amps 1,33	Amps 1,33
Power kW0,36	Power kW0,36
Phase 3Ph + N + PE	Phase 3Ph + N + PE

AS109 > RG

F344 - F344/4 - F345 - F346

380/400V - 50Hz - 3F	380/400V - 50Hz - 3F
440V - 60Hz - 3F	440V - 60Hz - 3F
Amps 5,73	Amps 5,73
Power kW1,31	Power kW1,31
Phase 3Ph + N + PE	Phase 3Ph + N + PE

GTL - GTR

Optionals
Accessori
Zubehör
Accessories
Accesorios

AS77 (only for F44) Casters Roller conveyor Set ruote Piani a rulli
Rädchen Rollenbahnen
Roulettes Plans à rouleaux
Roulettes Ruedas Rodillos libres
Ruedas



Extendable conveyor
Rulliera estensibile
Ausziehbarer rollenbahnen
Convoyeur extensible
Rodillos extensibles

