

Product - High Speed Fully Automatic Folder Gluer
Model - RI-ES-850 PCW
Warranty - 2 Years



Please note that the picture is for **ILLUSTRATION ONLY** and may vary from the equipment offered.

Machine Features:

1. 4 No's of Suction Belts at Feeder Section.
2. Independent AC motor for Feeder Section.
3. Pneumatic Pile/Blank Vibrator at Feeder Section.
4. Equipped with LED Screen at feeder for monitoring cartons delivery at conveyor.
5. Standard Accessories for A & B type Straight Line Cartons.
6. Standard Accessories for A & B type Crash Lock Cartons.
7. Advanced Gluing Tank with Unique Scrapper Device with Micro-Metric adjustment for precise gluing.
8. Glue Tank Designed for Easy to Clean.
9. Standard Glue Tanks on both sides Left and Right.
10. Batch Counter equipped with Electronic Sensor.
11. Conveyor Pressure can be adjusted pneumatically.
12. Equipped with Blank Aligner Section.
13. **Optional Motorized Conveyor.**
14. **Optional Clapping Device at Trombone Section to avoid Fish Tail Issue in Low Height Self-Lock Cartons and Disproportionate Cartons.**
15. **Optional Pneumatic Squaring Device at Delivery to avoid Cross Pasting issue in A-Type Crash Lock Cartons.**
16. **Optional Finger Device at Trombone Section for squaring of B-Type Crash Lock Cartons.**
17. **Optional Back Squaring Device at Folding & Closing Section for special designed Crash Lock Cartons.**
18. **Optional Independent 180-degree bump and turn (Gyro box application).**
19. **Optional Carton Ejection Device.**
20. **Optional Unique In-Line Braille Unit.**
21. **Optional Rapid Wave Technology to achieve higher productivity for Crash Lock Cartons.**
22. Equipped with 4/6 Corner Attachment.
23. Maximum Feeding width: 850 mm. Extended Feeder can produce 4.5 Feet Long Tube light cartons.
24. Can work with Cardboard 250 – 800 GSM, corrugated board E, F.
25. Power Required: 18kW
26. Speed: **350 meters/min**
27. Standard 2 Years Warranty

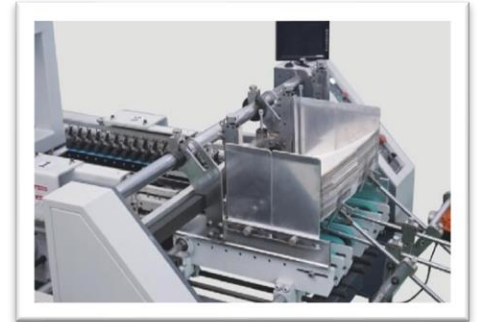
Configuration:

S. No.	Features	Include
1	**Optional Rapid Wave Technology/Hookless can produce Crash Lock Cartons at speed of 380 meters per minute.	N
2	Optional Motorized Conveyors	N
3	Suction Feeder Belt	Y
4	Pneumatic Blank Vibrator	Y
5	Blank Aligner Section	Y
6	Pre-Folding Accessories for Side Pasting A Type Carton	Y
7	Pre-Folding Accessories for Side Pasting B Type Carton	Y
8	Pre-Folding Accessories for Crash Lock A Type Carton	Y
9	Pre-Folding Accessories for Crash Lock B Type Carton	Y
10	Sliding Upper Conveyor in Crash Lock Section	Y
11	Crash Lock Section with Movable Hooks	Y
12	UV Grinder to Scratch the UV Varnish from Glue Flap	Y
13	Both Side Std. Glue Wheel 4 mm along with a spare 6 mm Wheel	Y
14	Extra Pressing Belt	Y
15	Standard French Fries/Envelope Folding Attachment	Y
16	Optional Mini Folding Device (80 X 60mm Straight Line Carton can do)	N
17	Optional Tape Applicator (Tear Tape + Controller with 4 Channel)	N
18	4/6 Corner Attachment	Y
19	Optional Braille, 5 lines Improved Method of Female Braille Tool	N

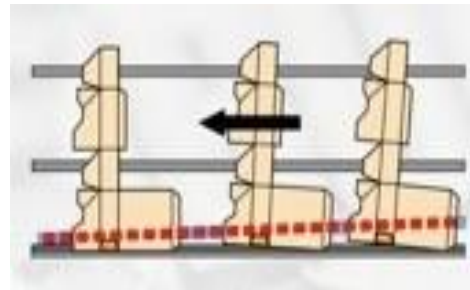
20	Optional Independent 180-degree bump and turn (Gyro Box Application) Additional Length 2.8 meter and Weight 3.5 Tons	N
21	Optional Plasma with Single Gun -1KVA	N
22	Optional Plasma with Single Gun -750VA	N
23	Optional 3 Guns Gluing System with Pressure Tank	N
24	Optional 3 Guns Gluing System with Piston Tank	N
25	Optional Carton Ejection Device	N
26	Optional Tube-Light Carton Attachment with Sliding Delivery Conveyor	N
27	Optional Clapping Device for Disproportionate Cartons	N
28	Optional Pneumatic Squaring Device at Delivery for Squaring of Crash Lock Cartons	N
29	Optional Semi-Automatic Collecting Table	N
30	Optional 3 Years Additional Warranty	N

Feeder Section:

- 1) 8 feeding belts along with 4 suction belts.
- 2) Each feeder belt can be adjusted independently
- 3) Equipped with adjustable feeding knives -2 Pcs.
- 4) Equipped with electric vibrator- 1 Pcs.
- 5) Suction System - 1 Set
- 6) Motorized friction feeder with independent AC motor
- 7) Equipped with LED screen to monitor carton delivery at conveyor.
- 8) Additional 2 upper track for smooth feeding of wider cartons.



Aligner Section:



- 1) Aligner guides the box to a parallel handrail that allows a perfect box alignment.
- 2) Can register to left or right depending of box.
- 3) It helps to minimize the waste and reduce machine stoppage due to error in carton which comes from feeder.
- 4) This section available as an option.

Pre-Folding Section:

- 1) 1st Crease Pre-Folding 180 degrees
- 2) 3rd Crease Pre-Folding 135 degrees
- 3) Equipped with Nitta Folding belts
- 4) Standard accessories for B-Type folding carton
- 5) Both **Upper & Lower** Carrier can be removed While running small size carton



4 & 6 Corner Device:

The hook system is driven by **YASKAWA** servos controlling system with photoelectric sensors to achieve back folding function. It has high precision and good efficiency.

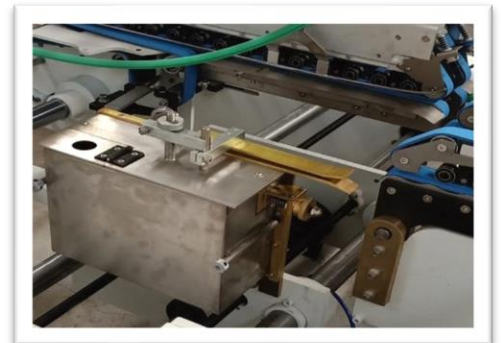


Crash Lock Section:

- 1) 4 Set of Folding Fingers to fold flaps and panels.
- 2) Three upper & lower carrier
- 3) Standard accessories for B-Type Crash Lock Cartons.

Glue System:

- 1) ES Series equipped with Standard Left/Right side gluing tank.
- 2) Equipped with advance gluing tank with unique scrapper device with micro-metric adjustment for precise gluing.
- 3) Easy to remove all equipment for quick cleaning.
- 4) Standard 4/6mm glue disc (Optional Glue Disc width 8,10mm).
- 5) Upper gluing can be done with Electronics Glue Guns, **available as an option.**



Folding & Closing Section:

- 1) Main motor controlled by frequency speed variation.
- 2) Smooth and accurate folding of 2nd & 4th Crease.
- 3) Three set of upper and lower carrier, they are drive, middle and control side of machine.
- 4) Inner carriers can be adjusted by motors.
- 5) Left and right outward folding belts speed can be micro adjusted to increase folding accuracy.
- 6) Equipped with branded folding Belts.



Trombone Section:

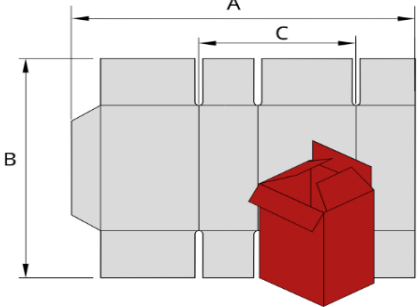
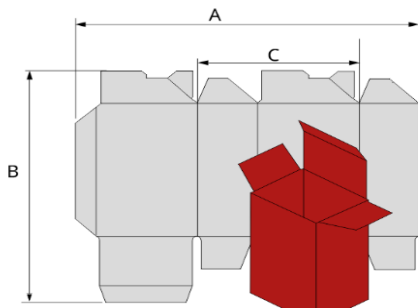
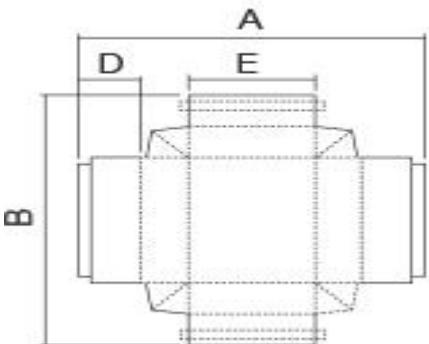
- 1) Upper & Lower drive mechanism for box length adjustment.
- 2) Equipped with automatic belt tension adjusting system.
- 3) Upper arm set can be adjusted backward and forward to ensure a continuous and automatic box collection mechanism.
- 4) Equipped with a control screen for operating the machine.
- 5) Single and easy operation for upper, down expansion adjustment, left or right twin board moveable for piling.
- 6) Batch Counter equipped with Electronic Sensor.
- 7) Optional Clapping Squaring Device used for Corrugated Cartons.
- 8) Optional carton ejection device workable up to thickness 650 GSM & E Fluted box.

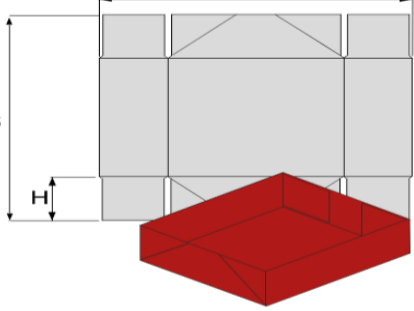
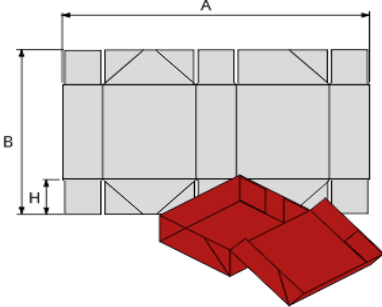
Delivery Section:

- 1) Independent and motorized section.
- 2) Upper conveyor can be moved forward and backward, depending on the box length.
- 3) Conveyor pressure can be adjusted pneumatically.
- 4) With new structure, it can run automatically with accountable sensor pile the boxes for high efficiency.
- 5) Longer delivery length 5.5 meter with 3.6-meter effective pressing length.



Box Details:

STRAIGHT LINE CARTON	Panel	Max.	Min.
	A	850	120
	B	800	60
	C	415	60
CRASH LOCK CARTON	Panel	Max.	Min.
	A	750	150
	B	600	100
	C	370	80
DOUBLE WALL CARTON	Panel	Max.	Min.
	A	700	280
	B	800	100
	D	150	30
	E	640	120

4 CORNER CARTON	Panel	Max.	Min.
	A	700	240
	B	600	160
	H	150	30
6 CORNER CARTON	Panel	Max.	Min.
	A	700	320
	B	600	200
	H	150	30

WITH MINI-FOLDING DEVICE CAN RUN MINIMUM 80 X 60 MM, OPEN BLANK.

MACHINE SPEED DEPENDS ON QUALITY & CALLIPER THICKNESS OF MATERIAL.