

Product	–	High Speed Fully Automatic Folder Gluer
Model	–	RI-JC-1100 PCW RAPID with BRAILLE
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 Blank Vibrator at Feeder Section
4. Equipped with LED Screen at Feeder for monitoring carton delivery at Delivery Conveyor.
5. Standard Blank Aligner Section.
6. Standard Accessories for B-Type Straight Line Cartons.
7. Standard Accessories for B-Type Crash Lock Cartons.
8. Advanced Gluing Tank with Unique Scrapper device with Micro-Metric adjustment for precise gluing.
9. Glue Tank designed for easy to clean.
10. Unique Auto Removal Centre Conveyor Section to reduce the downtime of the machine.
11. All Conveyors in machine can be adjusted by motor.
12. Longer Folding & Closing Section which allows corrugated cartons folding smoothly to minimize the Fish Tail Issue.
13. Independent AC motor for Trombone Section.
14. Batch Counter equipped with Electronic Sensor.
15. Longer Delivery Length for Precise Pressing of Cartons.
16. Delivery Section can be adjusted Backward/Forward and Up/Down as per carton design.
17. Conveyor Pressure can be adjusted pneumatically.
18. Standard Clapping Device at Trombone Section to avoid Fish Tail Issue in Low Height Self-Lock Cartons and Disproportionate Cartons.
19. **Optional Pneumatic Squaring Device at Delivery to avoid cross pasting issue in Crash Lock Cartons.**
20. **Optional Finger Device at Trombone Section for squaring of Crash Lock Cartons.**
21. **Optional Back Squaring Device at Folding & Closing Section for Special Designed Crash Lock Cartons.**
22. **Optional Independent 180 degree turn bump (Gyro box Application).**
23. **Optional Carton Ejection Device.**



24. Unique In-Line Braille Unit.
25. Rapid Wave Technology to get Higher Productivity of Crash Lock Cartons.
26. Maximum Feeding Width: 1100 mm. Extended Feeder can produce 5 Feet Tube Light Cartons.
27. Straight Glue Line Carton up to 1100 mm. Crash Lock cartons up to 1000 mm.
28. Power Required: 25 KW
29. Max. Speed: **450 meters/min**
30. Standard 2 Years Warranty

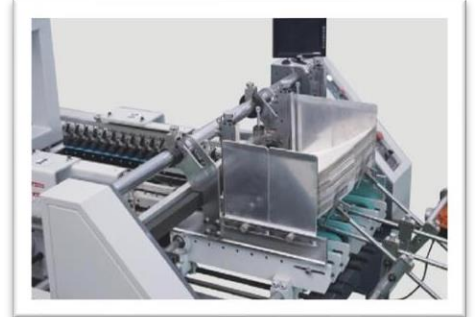
Machine Configuration:

S. No.	Features	Include
1	**Rapid Wave Technology/Hookless can produce Crash Lock Cartons at speed of 380 meters per minute.	Y
2	Motorized Conveyors	Y
3	Suction Feeder Belt	Y
4	Pneumatic Blank Vibrator	Y
6	Blank Aligner	Y
7	Pre-Folding Accessories for Side Pasting A Type Carton	Y
8	Pre-Folding Accessories for Side Pasting B Type Carton	Y
9	Pre-Folding Accessories for Crash Lock A Type Carton	Y
10	Pre-Folding Accessories for Crash Lock B Type Carton	Y
11	Sliding Upper Conveyor in Crash Lock Section	Y
12	Crash Lock Section with Movable Hooks	Y
13	UV Grinder to Scratch the UV Varnish from Glue Flap	Y
15	Both Side Std. Glue Wheel 4 mm along with a spare 6 mm Wheel	Y
16	Unique Auto Removal Centre Conveyor in Final Folding Section	Y
17	Separate Drive for Trombone Section	Y
18	Extra Pressing Belt	Y
19	Optional Mini Folding Device (80 X 60mm Straight Line Carton can do)	N
20	Optional Tape Applicator (Tear Tape + Controller with 4 Channel)	N
21	4/6 Corner Attachment	Y

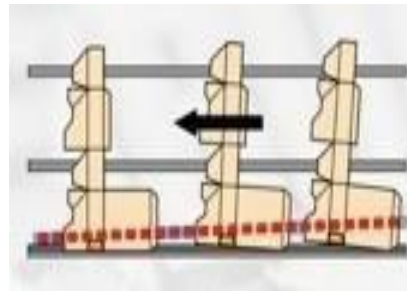
22	Braille, 5 lines Improved Method of Female Braille Tool	Y
23	Optional Independent 180-degree bump and turn (Gyro Box Application) Additional Length 2.8 meter and Weight 3.5 Tons	N
24	Optional Plasma with Single Gun - 1KVA	N
25	Optional Plasma with Single Gun - 750VA	N
26	Optional 3 Guns Gluing System with Pressure Tank	N
27	Optional 3 Guns Gluing System with Piston Tank	N
28	Optional Carton Ejection Device	N
29	Standard Tube-Light Carton Attachment	Y
30	Standard French Fries/Envelope Folding Attachment	Y
31	Standard Clapping Device for Disproportionate Cartons	Y
32	Optional Pneumatic Squaring Device at Delivery for Squaring of Crash Lock Cartons	N
33	Optional Semi-Automatic Collecting Table	N
34	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-3 pcs.
4. Equipped with pneumatic vibrator- 01 pc.
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 4 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.

Pre-Folding Section:

1. 1st Crease Pre-Folding 180 degrees
2. 3rd Crease Pre-Folding up to 165 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:

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.

Rapid Wave System:

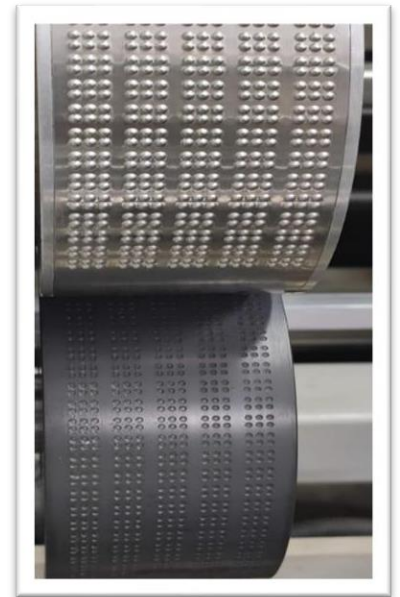
Wave lock bottom structure has no time delay and it can make faster speed and perfect lock bottom.



Braille:

The BRAILLE is the solution for the rotary embossing on the boxes in folder gluer. The embossing realized in the folder gluer allows great benefits, including:

1. The uniform pressure on every score (“dot”) punched without any delay, sometimes necessary, on die-cutters in order to obtain quality embossing.
2. The possibility to emboss without problems also close to the creasing.
3. The possibility to vary the embossing pressure depending on grammage and on cardboard fiber or on the needs of the final consumer.
4. Braille is the most versatile Braille rotary solution patented on the market to realize the embossing of pharmaceutical boxes in 4 and 5 lines of Braille with single or double layer in folder gluer.
5. The braille molds are made by CNC machine.

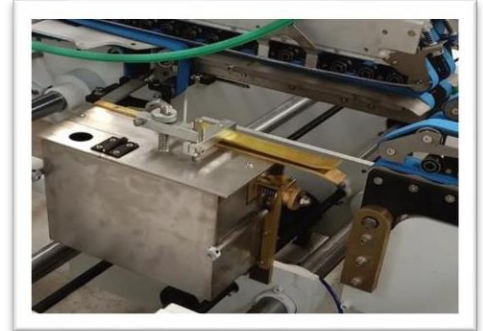


Braille Specifications:

1. Unique Design of Female and Male Braille Cylinder to avoid High Maintenance Cost.
2. Braille Precision – +/- 0.03 mm
3. Finished Dot Height – Max. 0.23 mm.
4. Finished Dot Diameter – 1.8mm
5. Front Position Precision – +/- 1.5 mm.
6. Max. Braille Speed – 200m/min

Glue System:

1. JC 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 optional.



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. Central upper carrier is removable and **lower one can be lifted up & down which results in time saving for job make ready.**
5. Inner carriers can be adjusted by motors.
6. Left and right outward folding belts speed can be micro adjusted to increase folding accuracy.
7. Longer folding section, boxes can be well folded and formed in this section.
8. Equipped with branded folding Belts.



Trombone Section:

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

Delivery Section:

1. Independent and motorized section.
2. Delivery can be adjusted upward & downward depending on box design.
3. Upper conveyor can be moved forward and backward, depending on the box length.
4. Conveyor pressure can be adjusted pneumatically.
5. Standard conveyor squaring device used for crash lock boxes squaring.
6. With new structure, it can run automatically with accountable sensor pile the boxes for high efficiency.
7. Longer delivery length 5.5 meter with 3.6-meter effective pressing length.



Collecting Table- Optional:



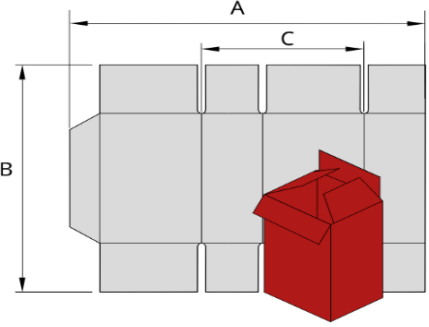
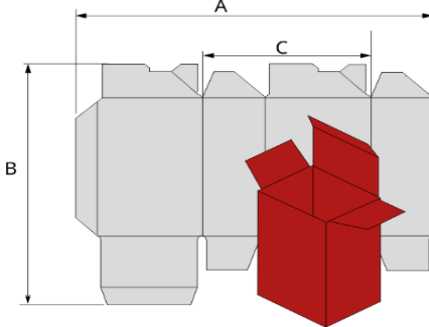
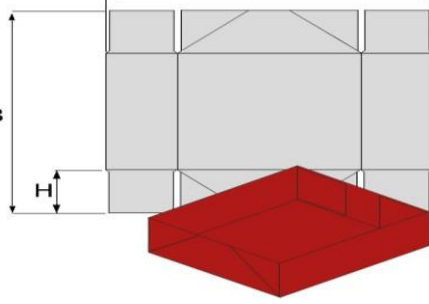
RI-SH450 is collecting Table to make the packaging easier. Its operation is simple and humanized design can use for almost all types of carton packaging which allows to collect the boxes in batches after the press section at a speed of 400 meters/min, which greatly improves the work efficiency, and reduces the labour intensity.

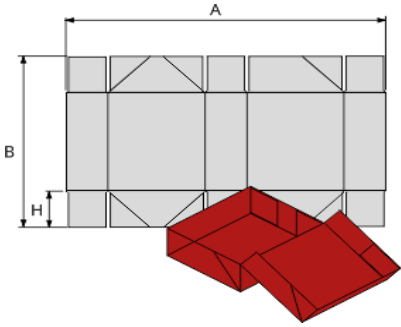
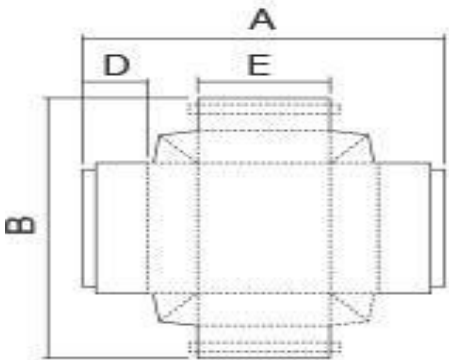
The biggest size box	450 X 200 mm.
Machine dimension	2100 X 2000 mm.
Weight	500 Kg.
Voltage	220V/50HZ
Power	1.8 KW

“Really small Investment, Big Gains”

The Collecting Table costs a little money, but it can maximize the efficiency of the high-priced high-speed box machine, At the same time, the number of workers in the process of receiving boxes is greatly reduced ~Two people can complete the work of the original six people! Half a year's artificial wages will be able to recover the investment!

Box Dimensions:

STRAIGHT LINE CARTON	PANEL	MAX.	MIN.
	A	1100	140
	B	900	80
	C	550	70
CRASH LOCK CARTON	PANEL	MAX.	MIN.
	A	1000	160
	B	800	100
	C	490	80
4 CORNER CARTON	PANEL	MAX.	MIN.
	A	900	240
	B	800	160
	H	150	30

6 CORNER CARTON	PANEL	MAX.	MIN.
	A	1000	320
	B	800	200
	H	150	30
DOUBLE WALL CARTON	PANEL	MAX.	MIN.
	A	950	280
	B	800	100
	D	150	30
	E	890	120

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

MACHINE SPEED DEPENDS ON QUALITY & CALLIPER THICKNESS OF MATERIAL.