

<b>Product</b>	-	High Speed Fully Automatic Two Piece Folder Gluer Machine
<b>Model</b>	-	RI-JT-2400
<b>Warranty</b>	-	2 Years



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

## **Machine Features:**

1. The machine is Unit-Type Structure, which can work in with other function structures.
2. The host is controlled by computer with wireless remote device and improved the operations flexibility.
3. The machine adopts below outsourcing packed belts and you can change belts easily without tearing down shafts.
4. Feeder, host and delivery systems are controlled by inverters and they can run together, or one runs.
5. The steel plates are 20mm, and it makes sure the machine with high speed and no shaking.
6. All the adjusting plates are automatic.
7. The feeding belt is Japan original Nitta belts.
8. All carriers are motorized
9. Power Required: 24 KW
10. Max. Speed (Single Panel Box): **200 meters/min.**
11. Max. Speed (Two Panel Box): **120 meters/min.**
12. Standard 2 Years Warranty

## Machine Configuration:

S. No.	Features	Include
1	Motorized Conveyors	Y
2	Suction Feeder Belt	Y
3	Pneumatic Pile Vibrator	Y
4	Pre-Folding Accessories for Side Pasting A Type Carton	Y
5	Pre-Folding Accessories for Side Pasting B Type Carton	Y
6	Both Side Std. Glue Wheel Width 6 mm	Y
7	Self-Driven Upper Conveyor System	Y
8	Pneumatic Long Delivery	Y
9	Clapping Device for Universal Design and Disproportionate Cartons	Y
10	Motorized Up & Down Delivery	Y
11	Pressing Belt	Y
12	Standard Water Spray Counter	Y
13	Optional Hot Melt Gluing System for Centre Joint Pasting	N
14	Optional Tape Applicator (Tear Tape + Controller with 4 Channel)	N
15	Optional Plasma with Single Gun -1KVA	N
16	Optional Plasma with Single Gun -750VA	N

## **Feeder Section:**

Independent servo motors individually placed in operation side and transmission side, coordinated with paper-feeding suction belt assembly, free shift the production mode between two-pieces and single-piece. Easily access to the changing-belts. The independent vibrating motor fully assists the feeding-paper performance. The whole paper-feeding gauges and left/right side baffles are adjustable upper and down, this saves a lot of time on adjustment and job change-over.



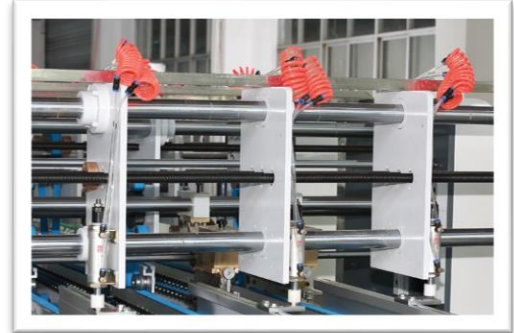
## **Two-Piece Connecting Section:**

The two-pieces joint combination unit drives via individual multi-servo motors, consists of two-pieces feeding system, aligning corrector, forming system, the first gluing subsystem, carry out the complete two-pieces joint combination procedure. 4 sets special synchronization belts for positioning, transmit the paper boards by push-gauges, (the pushing-gauges can be shifted according to various paper board length, the row of 2-, 3-, 4-pushing gauges are available for different production mode), so to remain the accurate synchronization of two-pieces production. Both of hot melt and cold glue are applied for positioning, accurately executes the joint combination under control of photoelectronic.



## **Pneumatic Upper Carrier Adjustment System:**

Upper Carrier Conveyor can be adjusted upward pneumatically.



## **Folding Section:**



Special Long Folding Section, boxes can be well folded and formed in this section.

1. Inner carriers are adjusted by motors.
2. Smooth and accurate folding of 2<sup>nd</sup> & 4<sup>th</sup> Crease.
3. Three set of upper and lower carrier, they are drive, middle and control side of machine.
4. Middle up/down carriers will be lifted up/down by pneumatic system.
5. Left and right outward folding belts speed can be micro adjusted to increase folding accuracy.
6. Longer folding section, boxes can be well folded and formed in this section.
7. Equipped with branded folding belts, NITTA Folding belts.
8. Main motor controlled by frequency speed variation.

## **Register Section at Trombone:**

Three-segment type pressurization, benefit to repress the two joints, the adjustable clapping-pad coordinated with conveying side jogger re-correct the paper board, keep the finished paper box without deformation before next procedure.



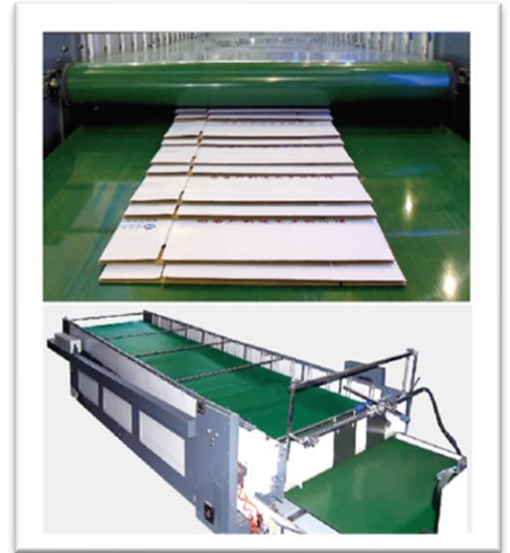
## **Trombone Section:**

Single and easy operation for upper/down expansion adjustment; left/right twin boards moveable for piling. Accountable sensor.



## Delivery Section:

This section runs more slowly. Here the shingled stream of cartons moves between two rotating compression aprons so the glue can bond under a precisely set pressure, even at high machine speeds.



## Machine Main Parts:

Description	Made In	Brand
Feeding Belts	JAPAN	NITTA
Folding Belts	JAPAN	NITTA
Inverter	FRANCE	SCHENIDER
Ball-Bearing with Seat	JAPAN	HRB
PLC	TAIWAN	FATEK
Touch Screen	TAIWAN	FATEK
Main Motor	TAIWAN	TECHO
Motor in Conveyor	TAIWAN	ALMOXIN
Motor for Adjusting Screw Bars	XIAMEN	JSCC
Power Supply Switch	FRANCE	SCHENIDER
Electrical Components	FRANCE	SCHENIDER

## Technical Specifications:

SPECIFICATIONS	DESCRIPTION
Paper Thickness	Paper Cardboard, 3Ply & 5Ply Corrugated Cartons (Flute Type - A, B, C, E, F, G & N)
Max. Carton Open Size (W X L)	2230 X 1000 mm
Min. Carton Open Size (W X L)	450 X 200 mm
Jobs Can Run	Straight Line
Max. Machine Speed (Single Joint Box)	200 m/min
Max. Machine Speed (Two Joint Box)	120 m/min
Power Required	24 kW
Total Weight (In Tons)	22
Machine Dimensions (LXWXH)	19400 X 3700 X 1700 mm