

HEASN



FULL SERVO CONTROL
AUTOMATED SET-UP
FOLDER GLUER

■ MODEL: SQ-1100PCC-R

FAST CHANGE-OVER TIME



NEW INNOVATION



HIGHLIGHTS

- **Automated Set-up:** Servo-controlled automated set-up for standard type boxes after input the dimension, including straight-line, crash lock bottom, double wall, 4/6 corner boxes.
- **Memory:** All carriers positions can be recalled for repeat-jobs by saved parameters in HMI.
- **Innovated Design:** Front lock accessories and back folding hooks are all driven by servo motors with automatic positioning, no need to remove without usage; modular design of front lock accessories with gluing guns for easy change; only one back folding hook size to match all flaps sizes.
- **Change-over Time:** Dramatically drop down within 10 min. for most jobs.

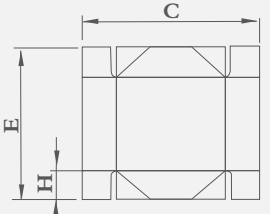


**HIGH SPEED, SUPER FLEXIBILITY
TAKING AUTOMATION TO
THE NEXT LEVEL**

■ straightline boxes

		MAX.	MIN.
	C	1100	150
	E	800	85
	L	500	75

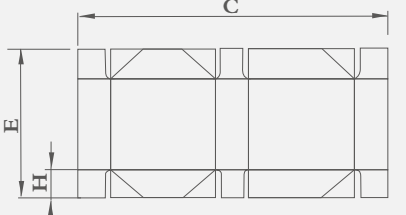
■ 4-corner collapsible boxes

		MAX.	MIN.
	C	950	200
	E	800	150
	H	125	30

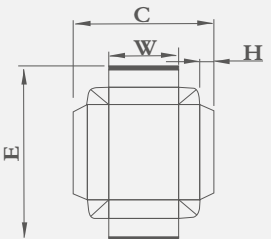
■ crash lock bottom boxes

		MAX.	MIN.
	C	1000	200
	E	800	85
	L	510	90

■ 6-corner collapsible boxes

		MAX.	MIN.
	C	900	275
	E	600	180
	H	100	35

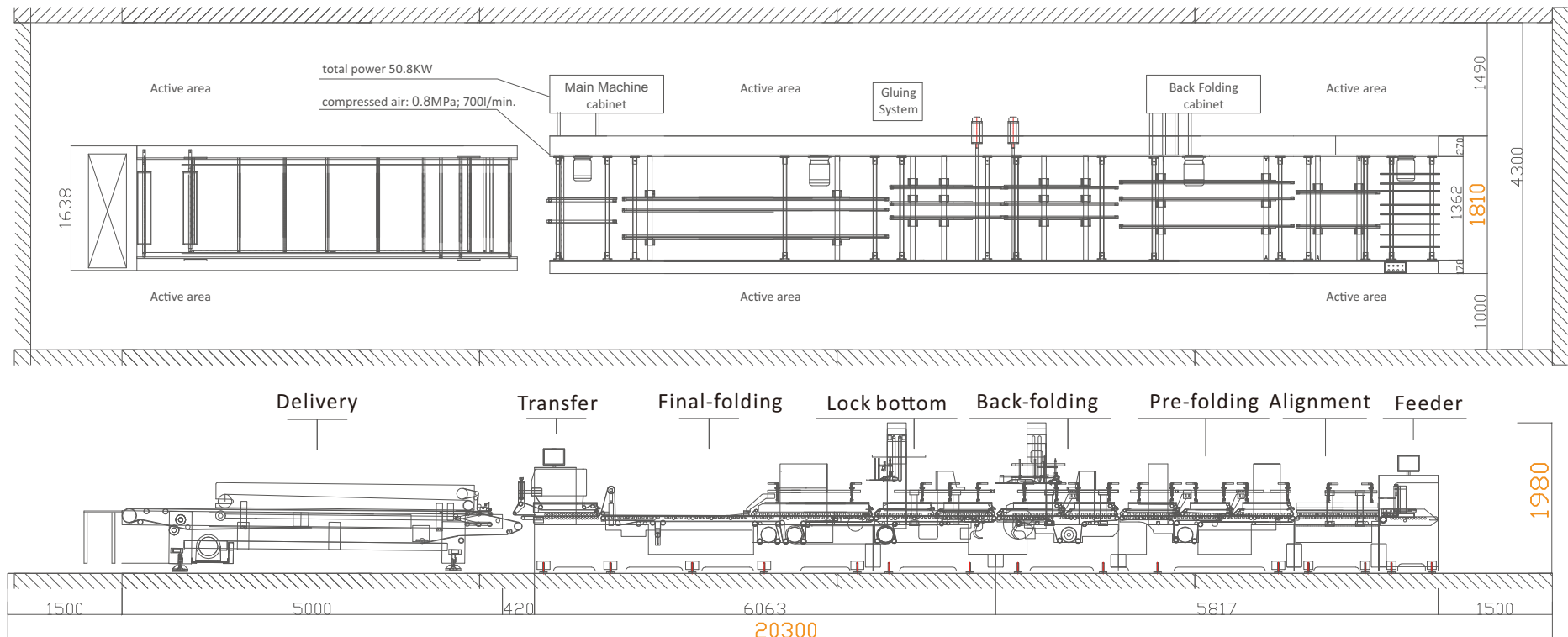
■ double wall boxes

		MAX.	MIN.
	C	800	200
	E	800	125
	W	600	150
	H	150	25

REMARK:

- Unit of above data is mm.
- Please present the shaped boxes or special size boxes for double check the possibility within 1100mm width.

PARAMETERS



MAIN TECHNICAL DATA:

- Max. Belt Speed: 450m/min; (option: 700m/min)
- Substrate: 200-800gsm cardboard; N, F, E, B corrugated board
- Max. Thickness of Folded Box: 15mm
- Power: 50.8kw

OPTIONAL FUNCTIONS:

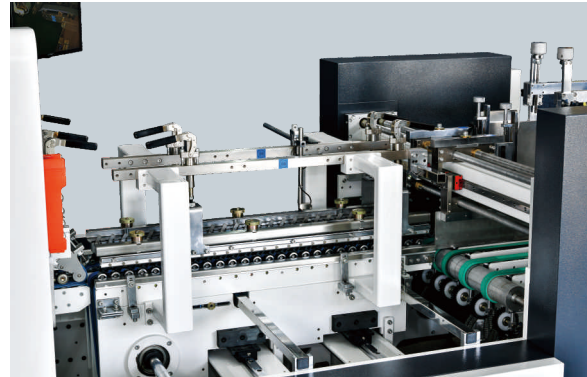
- Pre-feeder & Semi-automatic Collector
- Inline print inspection system
- Inline braille system
- Inline tape applicator

MAIN FEATURES



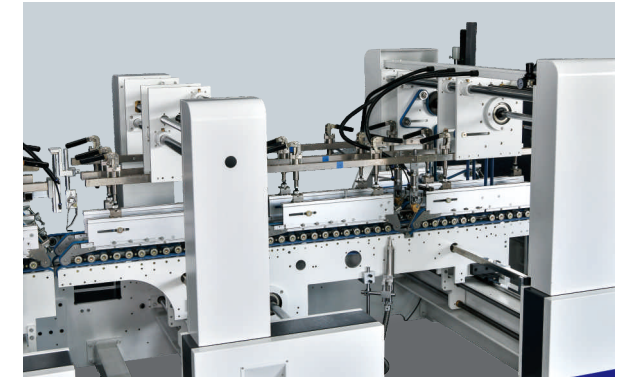
FEEDING SECTION

- The independent servo motor driven the belts for stable feeding and accurate blank spacing.
- The positions of 2 pile side guides, 2 feeding gates, and rear support are driven by servo motors.
- Pile vibrator equipped as standard.
- Belt-clean brush for each carrier.
- Feeder start/stop and speed can be controlled by remote controller at any operation area.
- 8pcs feeding belts, including 4pcs vacuum-assisted feeding belts, resulting in the reliable intake of almost kinds of blanks.
- Pneumatic lifter of feeding gates and side guides for easy operation.



ALIGNMENT SECTION

- Three lanes carriers construction. Equipped with 2 upper alignment carriers and 1 center upper belt carrier.
- The positions of 3 lanes carries are driven by servo motors.
- Can be easily converted to left or right side for registration.



PRE-FOLDING SECTION

- Three lanes carrier construction with upper carrier belts transmission system, assure much stable running of thick board or corrugated board.
- The positions of 3 lanes carries are driven by servo motors.
- The pre-breaking sword for 1st creasing by 180°.
- The belt pre-breaking device for 3rd creasing line by 135°.
- Perfect pre-breaking ensure accurate and reliable opening of the finished products in the auto-erection package lines.

MAIN FEATURES



LOCK BOTTOM SECTION

- Three lanes carrier construction with upper carrier belts transmission system. 2 split carriers for left and right lanes; 1 complete carrier for center lane.
- The positions of 3 lanes carries are driven by servo motors.
- Lock accessories are driven by servo motors with automatic up and down positioning, no need to remove without usage.
- Modular design of lock accessories with gluing guns for easy change.



LOWER GLUING SECTION

- Independent servo driven lower gluing tank in both left and right side.
- Gluing disc width: 4.5mm
- Accurate volume control avoids the glue splash at high speed.



FINAL-FOLDING SECTION

- Three lanes carrier construction with upper carrier belts transmission system, assure much stable running of thick board or corrugated board.
- The positions of 3 lanes carries are driven by servo motors.
- Speed of left and right folding belts can be adjusted mechanically.

MAIN FEATURES



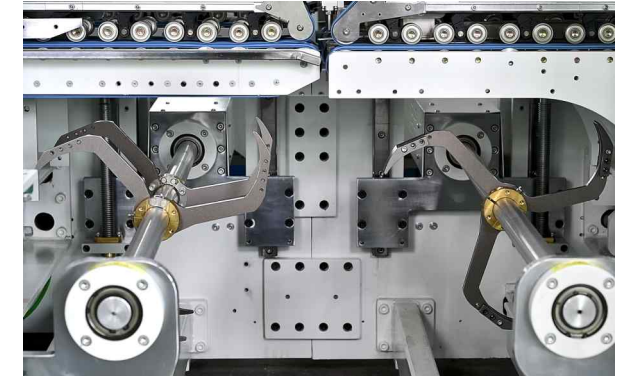
TRANSFER SECTION

- Main control panel with touch screen.
- Two lanes carriers construction with upper carrier belts transmission system, assure much stable running of thick board or corrugated board.
- The positions of 2 lanes carries are driven by servo motors.
- Telescopic upper and lower carriers easily adapt to most box formats.
- Kicker counter and spraying counter are equipped as standard.
- Camera for live status.
- Jam detector.



DELIVERY SECTION

- 5 meter advanced compression conveyor.
- Independent servo motor driven ensures the regular box stream.
- Upper section with motor driven forward and backward.
- Left and right position movable.
- Two split pressing, one sponge belt.
- Height adjustable lower belt at conveyor entry for pressure control.
- Pneumatic squaring device at conveyor entry to work out perfect bottom effect, especially for short body and wide lock bottom boxes.



BACK FOLDING SYSTEM

- Fast set-up of 4/6 corner boxes.
- Individually servo-controlled hook shafts with automatic moving up and down.
- One hook size adjusting to all flaps sizes, no need to change hooks for various jobs.
- No need to remove hooks when back folding system are not used.
- Accurate back folding process with max. speed at 20,000pcs/h (option: 45,000pcs/h)