



2019

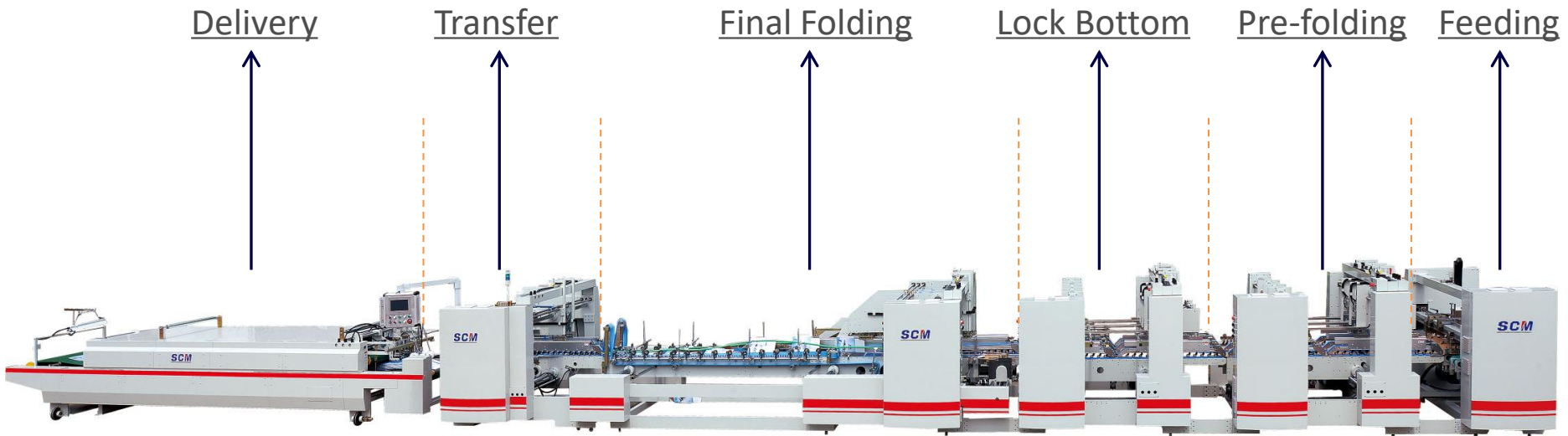
One-stop Folding Carton Finishing & Converting Machinery Solution

HEASN
FINISHING & CONVERTING



Product name:

SCM-1600PC Specialty Folder Gluer



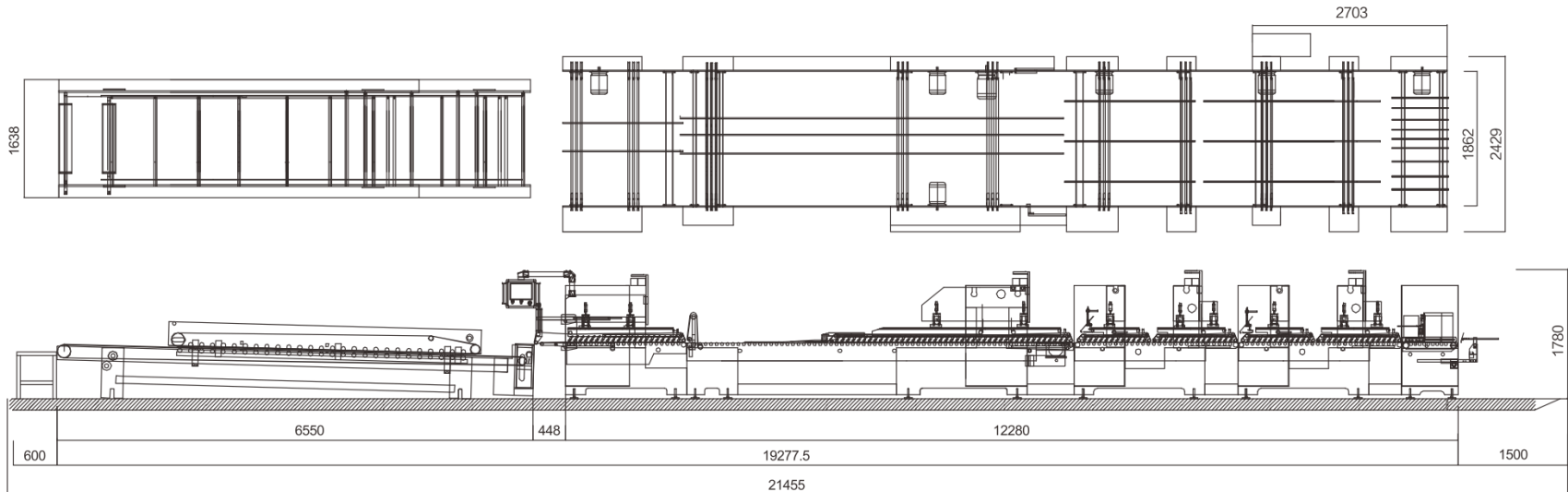
Robust Construction and Specialty for Corrugated Board

- Max. Belt Speed: 250m/min
- Substrate: 200-800gsm cardboard; N, F, E, B, C, EF, EB, BC corrugated board
- Max. thickness of folded boxes: 25mm
- Power: 43kw
- Weight: 14000kgs



Floor Plan:

SCM-1600PC Specialty Folder Gluer



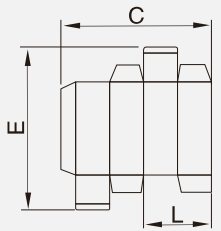
Accurate Folding & Easy Set-up

- High precision machining solid steel frames, independent driven system for each section, upper belts transmission system, together with pneumatic piston system for upper carriers assure the powerful & accurate transportation of the heavy & thick board.
- Motorized carrier movement for positioning, low machine frames for easy operator access, together with remote controller makes operator friendly and fast job set up.
- Additional section can be added in the future by the help of modular design structure.

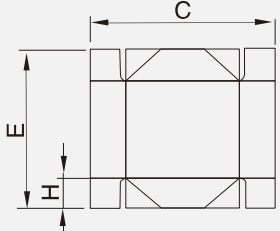


Blank Specification:

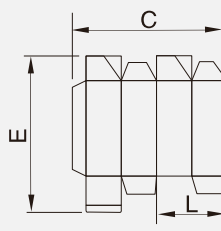
Straight-line boxes

		MAX.	MIN.
	C	1600	250
	E	1000	120
	L	800	150

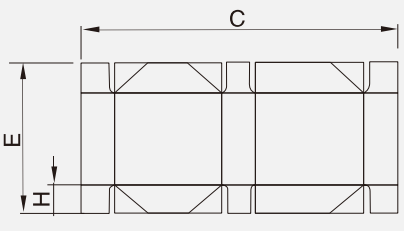
4-corner collapsible boxes (optional)

		MAX.	Min
	C	1350	250
	E	800	250
	H	150	50

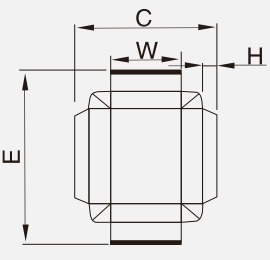
Lock bottom boxes

		MAX.	MIN.
	C	1500	265
	E	900	120
	L	750	150

6-corner collapsible boxes (optional)

		MAX.	Min
	C	1350	320
	E	900	250
	H	150	50

Double wall boxes

		MAX.	MIN.
	C	1000	250
	E	900	120
	W	800	160
H	150	45	

Remark:

1. Unit of above data is mm.
2. Please present the shaped boxes or special size boxes for double check the possibility within 1600mm width.



Feeding Section:



- The independent variable-frequency motor driven the belt for stable feeding and blank spacing.
- Motor vibrating feed pile support for separating blanks and eliminating skips and doubles.
- Belt-clean brush with easy angel adjusted for better cleaning of belt surface to increase the feeding stability.
- Feeder start/stop can be controlled by remote controller at any operation area.
- Vacuum-assisted feeding belts as standard, resulting in the reliable intake of corrugated board blanks.
- Pneumatic lift-up side plates and feeding gates for easy operation as standard.



Pre-folding Section:



- Three-carrier construction with upper carrier belt transmission system.
- Motorized carrier movement system.
- The 1st creasing line is pre-breaking by the sword at 180° for easy opening after folded.
- Right carrier fixed with alignment carrier for high speed straight-line boxes running.



Lock Bottom Section:



- Three-carrier construction with upper carrier transmission system.
- Motorized carrier movement system.
- Easy for mounting lock bottom accessories, more operator friendly.
- The hookers with high steel springs are excellent and stable for high speed operation.



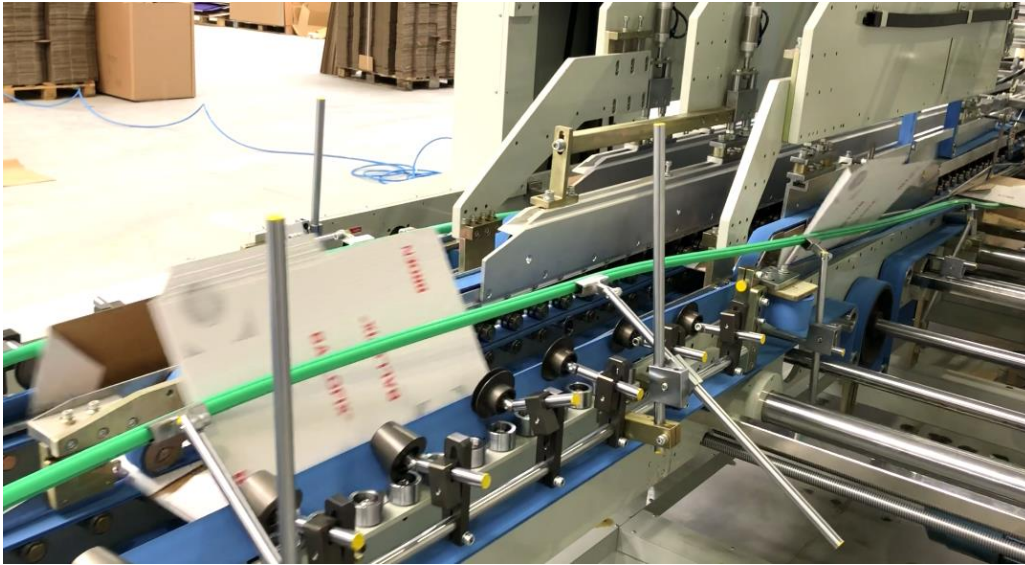
Lower Gluer:



- Lower gluing pots, easy to remove, fix and clean. Equipped with one pot at each side.
- Gluing wheel by 2 section blade can control the volume well and avoid the glue splash at high speed.
- The glue tanks position is easy adjustable by motors.



Final Folding Section:



- Three-carrier construction with upper carrier transmission system.
- Motorized carrier movement system.
- The left and right folding belts can be easily adjusted by independent motor to fold blanks precisely.
- Assistant motor to offer extra power for folding.
- Assistant creasing and folding devices to improve folding effect especially for thick straight-line boxes.



Transfer Section:



- Two-carrier construction with upper carrier transmission system.
- Motorized carrier movement system.
- Equipped with high speed batch counter, kicker and jam detector.
- Easy to adjust the pressure holding device according the cartons sizes without change the belt tension.
- Two counting methods for your selection include kicker counter and liquid sprayer counter.
- Camera takes the live video of stacker entry situation, which show in the monitor at feeding section.



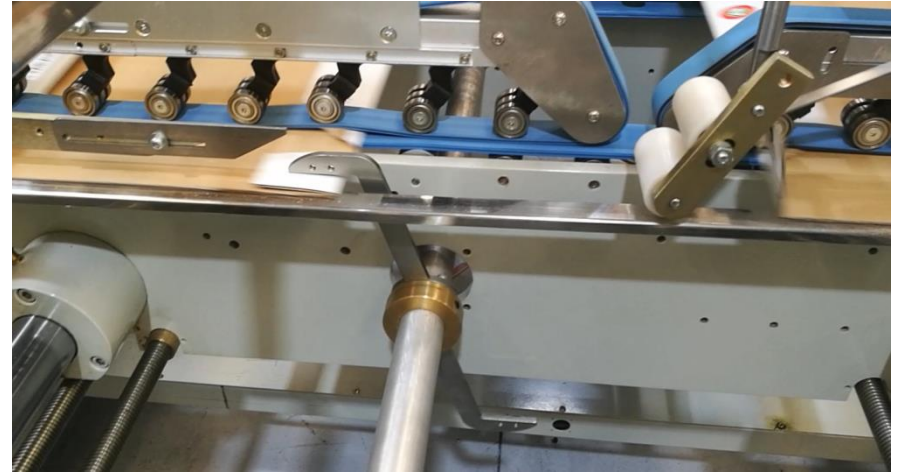
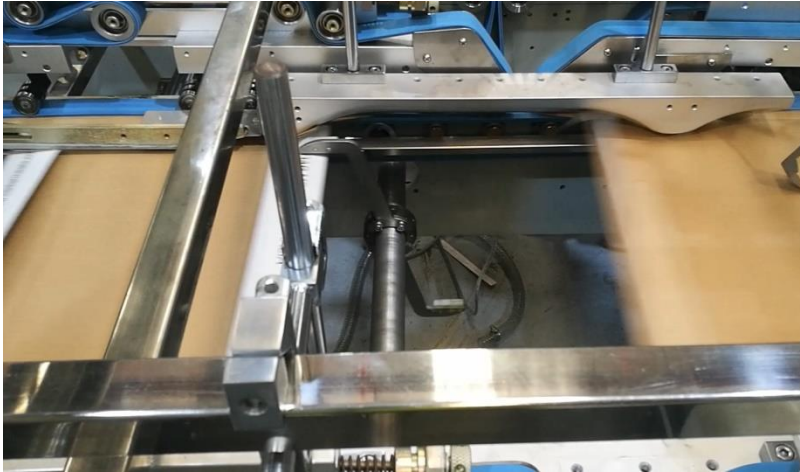
Delivery Section:



- Transfer the folded products straightly and stably as a collection pile.
- The independent driven system assure the box stream regulate synchronously with the main machine.
- Pneumatic, integrated compression conveyor with easy pressure adjustment.
- Extra sponge belt for positive pressing at lower area of the box.
- Upper section of conveyor is driven by motor according to the box length, easy to adjust.
- Pneumatic squaring device for difficult lock bottom boxes.
- Rear box squaring system as standard.



Back Folding System for 4/6 corner boxes (**optional**):



- Reserved space in the machine for the AC servo-drive back folding system.
- Two servo shafts controlled individually, easy to mount hooks.
- User friendly operation touch screen applied.
- Powerful servo motors and drivers, assure the max. speed at 12,000pcs/hour.

Remark: Electronic cold gluing system is necessary for this box gluing application.



CSM-CT Cold Gluing system (**optional**):



- The electronic cold gluing system used for folder gluers highly increase the flexibility of gluing application onto the boxes because the small non-contact gluing guns can be installed at any position according to the production process.
- 4 and 8 channel control panels available for your selection.
- Up to 8 glue patterns available for each channel/ glue distributor. And the glue lengths can be modified on-line.



CSM-C3 Plasma Surface Treatment System (**optional**):



Improve the adhesive strength of the glue on the surface of UV varnished, metal-coated, film laminated and plastic boxes. CSM plasma treatment provides excellent gluing quality, reduces glue consumption and allows you to gluing with standard cold glues rather than expensive special cold or hot-melt glues.

Model	CSM-C3
Nozzle	3 heads
Output Power	1000VA x 3
Output Frequency	20~23 KHZ
Air Supply Pressure	2~3 bar
Treatment Width	10 mm each nozzle
Weight	180 kgs
Dimension	680x530x1450mm



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IMPORT & EXPORT

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