

Automatic High Speed 4 and 6 corner Folder Gluer

1_ LC-S Automatic high speed folder gluer models are equipped with advanced state of the art technologies for fast job changeover, especially focused on multi-type work capabilities with medium-long to shorter run lengths in mind.

2_ New universal multi-function section with integrated bump & turn allows to turn cartons 90° and its alignment. Pre-breakers device by outer belts on both sides. New drives technologies, extra length crash lock bottom section. Extra folding & closing section with collapsible central carrier, able to produce complex carton structures, straight line, lock bottom, 4 & 6 corner cartons and more. LC-S series machine has emerged with high automation and fully functional, which help box manufacturer to make the best use of paper material and improve efficiency of box producing.

We persist on innovative and High-performance. It help us to provide the most competitive gluing and folding equipment for all the customers!



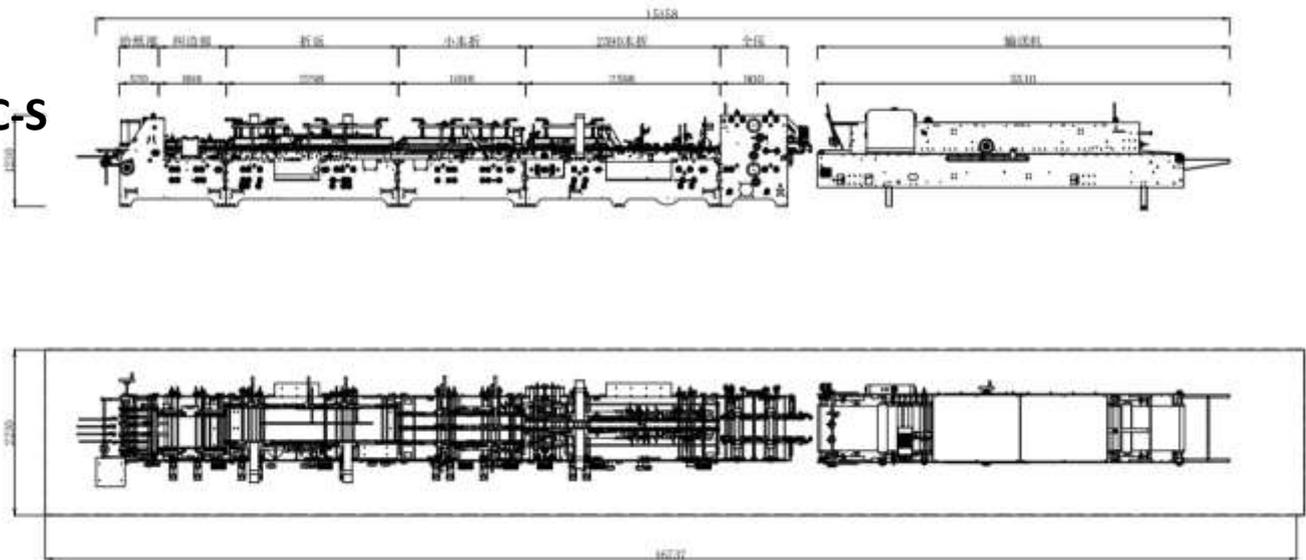
CONTACT US



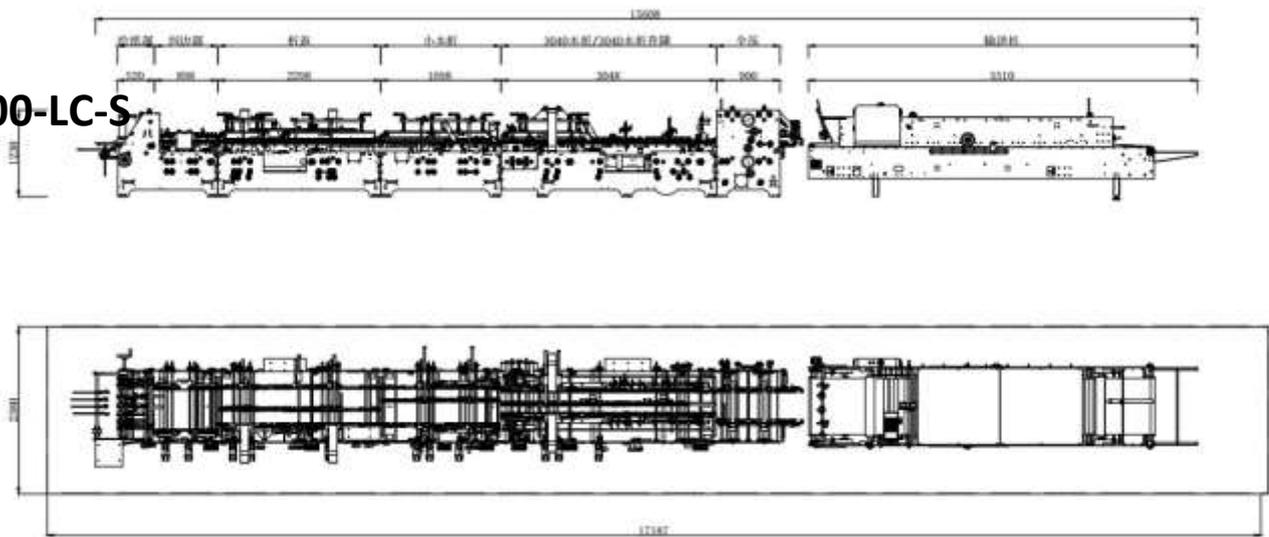
Villa A3 / Palmquarter
Al-Mahalla El-Kobra / Gharbia / Egypt
+201123670000 Mohamed_awad_eng@yahoo.com
+201124410744 Abdalla.awad.77920@gmail.com



650-LC-S



800-LC-S



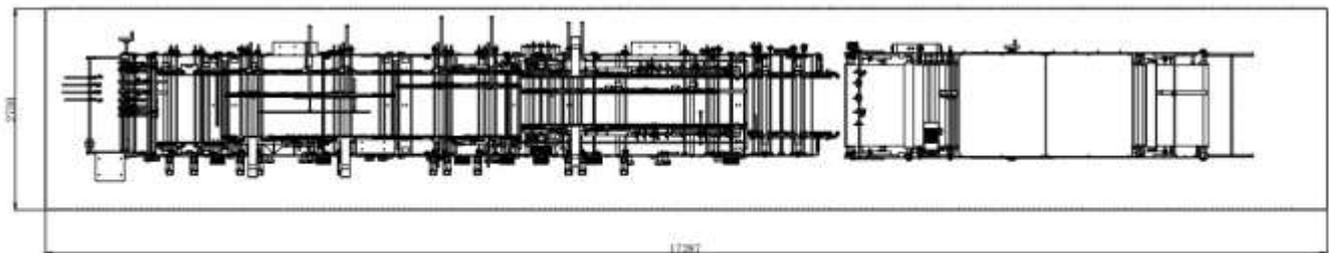
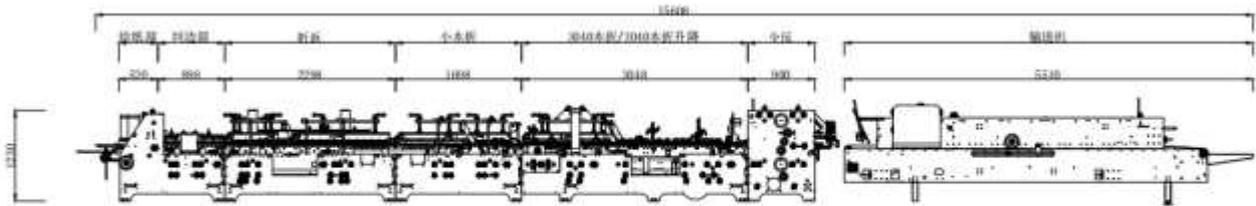
CONTACT US



 Villa A3 / Palmquarter
 Al-Mahalla El-Kobra / Gharbia / Egypt
 +201123670000  Mohamed_awad_eng@yahoo.com
 +201124410744  Abdalla.awad.77920@gmail.com



1100-LC-S



CONTACT US



 Villa A3 / Palmquarter
 Al-Mahalla El-Kobra / Gharbia / Egypt
 +201123670000  Mohamed_awad_ong@yahoo.com
 +201124410744  Abdalla.awad.77920@gmail.com



MODEL	650	800	1100
Paper material	Cardboard 210-800gsm, B/N/E/F B/N/E/F Flute		
Max.Speed	400m/min		
Max.thickness of folded box	12mm	12mm	12mm
Way of folding	180° 与 135° , 180° Fold 1 and fold 3 are 180° and 135° , fold 2 and 4 are 180°		
Power supply	3P 380V 50HZ		
Blank width	650mm	800mm	1100mm
Length x Width x Height	13x1.3x1.3m	15x1.5x1.3m	15x1.8x1.3m
Net Weight	5.5T	6.5T	7.5T
Total power	23kw	30kw	30kw

CONTACT US



Function

1_ Apply to corrugated cardboard paper box.

2_ Strong stainless steel frame, insure machine running stably with high speed.

3_ Automatic fault diagnosis alarm function, Wireless remote control for easy user operation.

4_ Machine with PLC control, photocell touch screen for adjusting machine

5_ Low-voltage electrical appliances, button switches, transmission parts, timing belts, press belts, bearings ,servo motors ,inverters, pneumatic components, etc. are all imported products that meet European and American advanced national safety

6_ Side touch screen displays the machine's speed, output. fault



1_ Paper Feeding Section

1. The feed part is driven by variable frequency motor and synchronizes with the main engine
2. Feeder section equipped with three pieces feeding knife, adjust the asymmetrical lengths as per the box sample.
3. Rail width can be horizontally adjusted and set by seven pieces 30mm thickened feeding belt and 10mm metal board.
4. Operators can operate feeder switch in any regional.
5. Embossing drive wheel guide the feeding section belt, side feed gates in the right and left are adjustable according to the products.
6. Vibration device coordinate with motor which helps machine consecutive and automatic feeding quick and simply.

Feeder section can stack 400MM height paper board

2_ Aligner section

The paper board sent from feeder section will be corrected by aligner section to ensure transmission accurately.

Pressing drive pressure can be adjusted up and down to accommodate different paper board thickness.



3. Pre-folding section

Special first folding line pre-fold 180°. third line 165° ,which perfectly meeting the requirements of automatic packaging industry.



4. Crash lock bottom section

Complete set of crash lock bottom device makes the lock bottom Part perfectly .Sectional-type upper Belt board with special design.



1. Lower gluing tank is 2L .
2. Easy to remove and clean
3. Electronic upper gluing system by guns.



7. Trombone section

1. Up and down belt can be adjusted separately.
2. Equipped with photo electronic counting device and kicking paper device, which can press the paper after accounting and make it easy to pack . Also equipped with feeding paper inspection device.

1. Collapsible central carrier by pneumatic system, saving time for set-up and allows to run small boxes.
1. Folding and closing section transmit from right and left side ,the belt speed can be adjusted separately and correct the way of box running to ensure straightly delivery



8. Transmission

1. Equipped with special additional sponge belt for the press of boxes valley part. Upper section moves back and forward, allowing for different box length.



9. Box Squaring

Full press section continuously and automatically box collection mechanism that ensures a neat transfer to the press section, guaranteeing a well aligned flow.

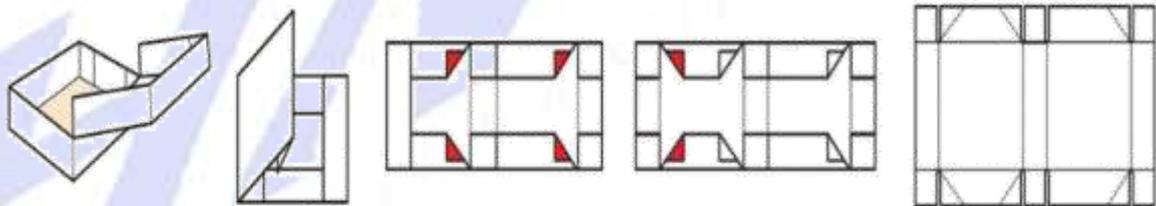


10. 4 and 6-corner

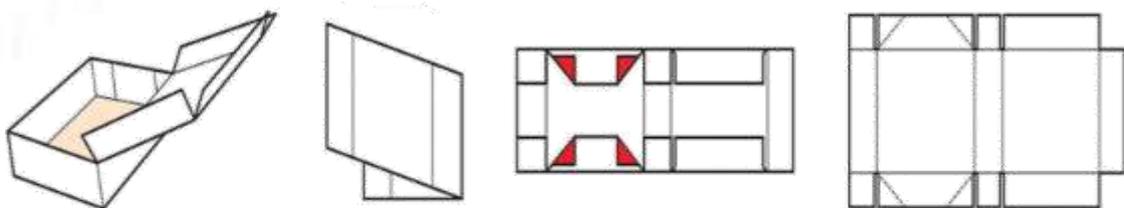
Motorized and untimed electronic back folding system with intelligent servo motor technology

11. Spraying System

Equipped with three guns, convenient in the production of 4/6 corner box and various special-shaped box, gluing quickly and accurately sizing



GLUE

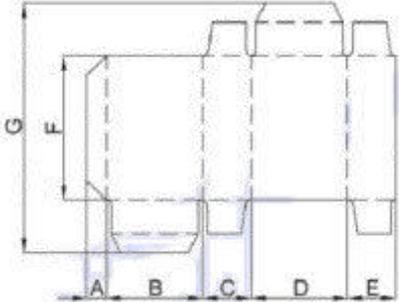


GLUE

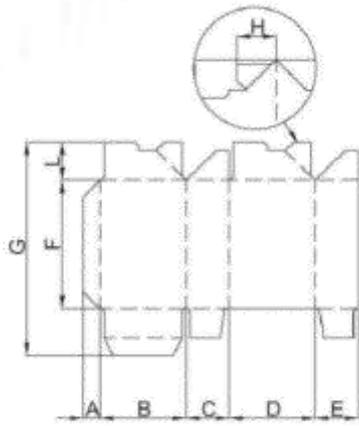
CONTACT US



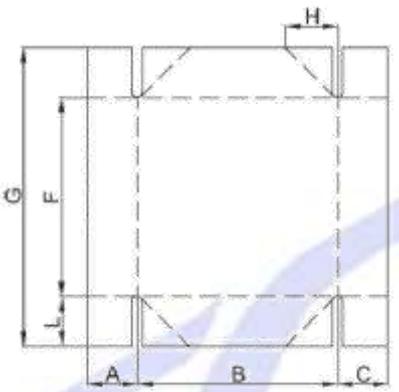
普通盒型 Straight Line Box			
Model	650Type	800Type	1100Type
配置规格 Way of folding	本折两板 Two carriers	本折两板 Two carriers	本折两板/三板 Two/three carriers
B+C+D+E	130-650	130-800	130/280-1100
C+D	65	65	65
F	70-800	70-800	70-800
G (max)	800	800	800



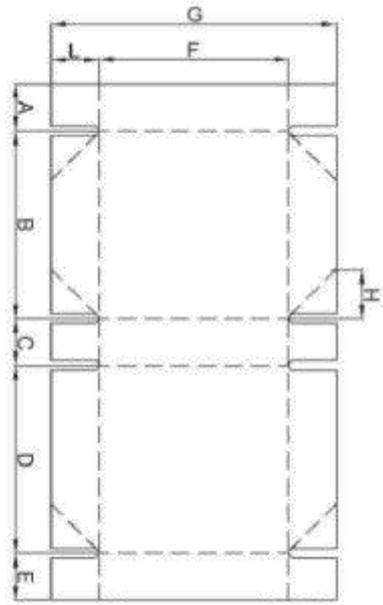
Crash Lock Bottom Box			
Model	650Type	800Type	1100Type
Way of folding	Two carriers	Two carriers	Two/three carriers
B+C+D+E	130-650	130-800	130/280-1100
C+D(min)	65	65	65
F	70-800	70-800	70-800
G (max)	800	800	800
H(min)	25	25	25
L	30-100	30-100	30-100



4 Corners Box			
Model	650Type	800Type	1100Type
Way of folding	Two carriers	Two carriers	Two/three carriers
A+B+C	160-650	160-800	160-1100
B(min)	90	90	90
F	70-800	70-800	70-800
G (max)	800	800	800
H(min)	25	25	25
L	30-100	30-100	30-100



六角盒型 6 Corners Box			
Model	650Type	800Type	1100Type
Way of folding	Two carriers	Two carriers	Two/three carriers
A+B+C+D+D+E	260-650	260-800	260/310-1100
B+C(min)	80	80	80/140
B (min)	80	80	80
C (min)	30	30	30
D (min)	70	70	70
F	70-800	70-800	70-800
G (max)	800	800	800
H(min)	25	25	25



Straight-line type



Six corners type



Crash lock bottom type



Four corners type



CONTACT US



Workshop Scale





CONTACT US



Name	specifications (MM)	piece	Length of aluminium strip	Notice
Feeding belts	8 × 30 × 1115	6		
Aligner lower belts	4 × 30 × 2370	2		890
1 Pre-folding lower belts1	4 × 25 × 5220	3		2290
Pre-folding folding belt	4 × 30 × 4600	1		
	4 × 25 × 3810	3		1590
	4 × 30 × 3680	2		
Final folding lower belts	4x25x5820	2		
Final folding belts	4 × 25 × 6100	2		
Trombone lower belts	4 × 25 × 3580	2		895
Trombone upper belts	4 × 25 × 4880	2		
Pre-folding carrier belt 1	3 × 25 × 2190	2	665	
Pre-folding carrier belt 2	3 × 25 × 3190	3	1265	
Final folding carrier belt 1	3 × 25 × 2190	2	665	
Final folding carrier belt 2	3 × 25 × 1790	2	565	
Final folding carrier belt 2	3 × 25 × 2590	1	965	
Final folding carrier belt 1	3 × 25 × 2590	1	965	
Final folding carrier belt 2	3 × 25 × 2790	1	1065	
Squaring device belts	3*25*1480	2		

Name	specifications (MM)	piece	Length of aluminium strip	Notice
Feeding belts	8 × 30 × 1115	6		
Aligner lower belts	4 × 30 × 2370	2		890
1 Pre-folding lower belts1	4 × 25 × 5220	3		2290
Pre-folding folding belt	4 × 30 × 4600	1		
	4 × 25 × 3810	3		1590
	4 × 30 × 3680	2		
Final folding lower belts	4 × 25 × 6760	2		3040
Final folding belts	4 × 30 × 6950	2		
Trombone lower belts	4 × 25 × 3580	2		895
Trombone upper belts	4 × 25 × 4880	2		
1 Pre-folding carrier belt 1	3 × 25 × 2190	2	665	
2 Pre-folding carrier belt 2	3 × 25 × 3190	3	1265	
1 Final folding carrier belt 1	3 × 25 × 2190	2	665	
2 Final folding carrier belt 2	3 × 25 × 1790	2	565	
2 Final folding carrier belt 2	3 × 25 × 2590	1	965	
1 Final folding carrier belt 1	3 × 25 × 2790	1	1065	
2 Final folding carrier belt 2	3 × 25 × 2990	1	1165	
3 Final folding carrier belt 3	3 × 25 × 4560	1	1115	
	4 × 25 × 6240	1		2640
Squaring device belts	3*25*1480	2		

位置名称 Name	规格 (MM) specifications	件 piece	铝条长度 Length of aluminium strip	备注 Notice
给纸皮带 Feeding belts	8×30×1115	7		
纠边下带 Aligner lower belts	4×30×2370	2		890
折返下带 1 Pre-folding lower belts1	4×25×5220	3		2290
折返拐带 Pre-folding folding belt	4×30×4600	1		
小本折下带	4×25×3810	3		1590
小本折拐带	4×30×3680	2		
本折下带 Final folding lower belts	4×30×6760	2		3040
本折拐带 Final folding belts	4×45×6950	2		
全压下带 Trombone lower belts	4×25×3580	2		895
全压上带 Trombone upper belts	4×25×4880	2		
折返铝板 1 Pre-folding carrier belt 1	3×25×2190	2	665	可调节
折返铝板 2 Pre-folding carrier belt 2	3×25×3190	3	1265	
小本折铝板 1 Final folding carrier belt 1	3×25×2190	2	665	可调节
小本折铝板 2 Final folding carrier belt 2	3×25×1790	2	565	
小本折铝板 2 Final folding carrier belt 2	3×25×2590	1	965	可调节
本折铝板 1 Final folding carrier belt 1	3×25×2790	1	1065	
本折铝板 2 Final folding carrier belt 2	3×25×2990	1	1165	
本折铝板 3 Final folding carrier belt 3	3×25×4560	1	1115	可调节
本折升降下带	4×25×6240	1		2640
齐码头 Squaring device belts	3*25*1480	2		



CONTACT US



Name	650/800/1100-LC-S	Brand	
Converter	/	Germany	
PLC PLC	/	SIEMENS Germany	
Touch Display	/	Newluolan Made in China	
Circuit Breaker	/	Eton America	
Contact	/	Eton America	
Button	/	Eton America	
Photo electricity	/	Sick Germany	
Bearing	/	NSK (Japan)	
Remote controller	/	GOTI Made in China	
Main Board	Mail Wall plate 8mm/16mm		
Board for conveyor	The bending part 12mm		

设备

CONTACT US



 Villa A3 / Palmquarter
 Al-Mahalla El-Kobra / Gharbia / Egypt
 +201123670000  Mohamed_awad_eng@yahoo.com
 +201124410744  Abdalla.awad.77920@gmail.com

- 1_When the machine is connected to the power supply, it must be constructed according to the circuit diagram and with ground line.
1. Before starting the machine, check belts or parts of the machine condition to avoid machine damage.
2. Before starting the machine, adjust the pressure of the paper knife and each pressure roller to avoid paper breakage, double sheets feeding, etc.
3. When adjusting the middle conveying part of the machine, please wipe the axis with a cleaning fabric to avoid dust accumulation and affect sliding.
4. Before normal production, pasting experiment should be done to check the pasting strength, and production should be carried out after checking well.
5. Clean the glue box regularly.
6. Check whether the set screws at the inner hexagonal cone end of the transmission, sprocket and other parts are tight regularly, so as not to fall off when starting up, resulting in casualties.
8. Regularly drip oil into the universal joint and the shaft to ensure good lubrication.
9. All exposed conductors of electrical equipment and machinery are connected to the protective ground circuit
10. To keep the machine from vibrating and shaking and being next to the electric apparatus with high-frequency electromagnetic field.

CONTACT US

