

AUTOMATIC CASE ERECTOR



Brief introduction:

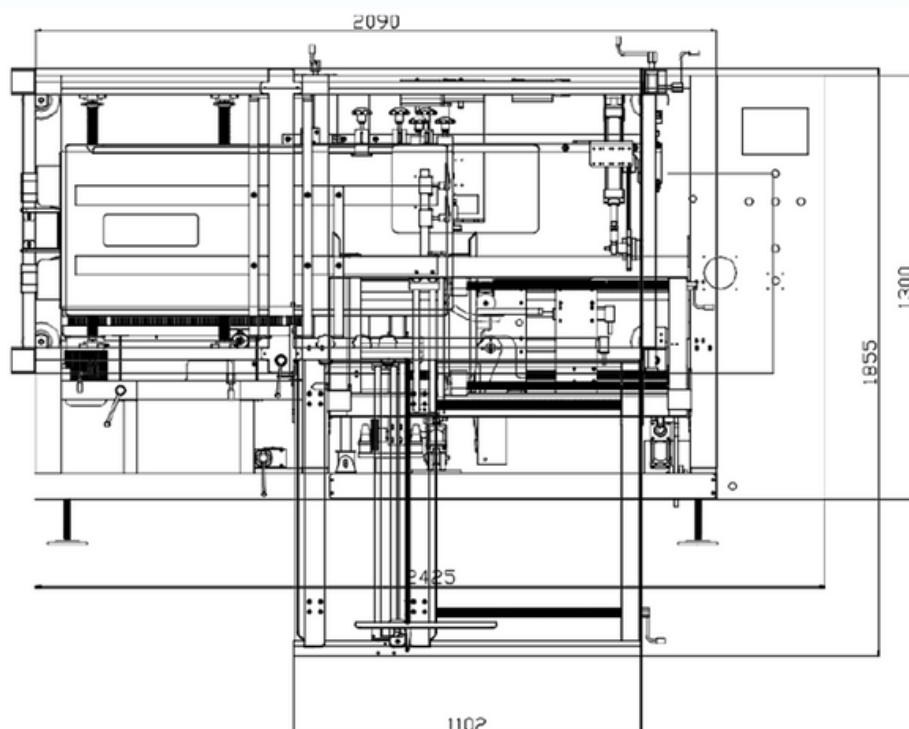
Case Erectors is used to erect carton which have been shaped automatically and use tape or hot glue as sealing materials to seal the bottom cover of carton.

A stack of corrugated blanks are knocked down and placed into the machine. The blanks are pulled out of the machine one-by-one and formed into cases. The newly formed cases are sealed at the bottom with tape or glue.

This machine can be used for widely range ,such as household appliances, spinning, food, general merchandise, medicine, chemical industry, ceramics ,stoker industry and so on.

Layout drawing of machine: :

(Direction of machine: Inputting at right side, outputting at left side)



LOV (THAI) CO., LTD.

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Basic Parameter :

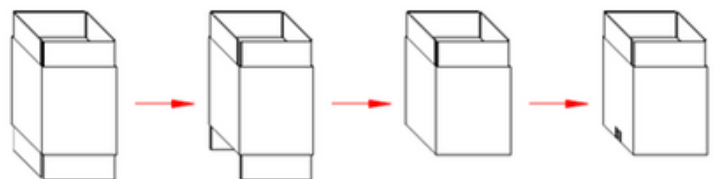
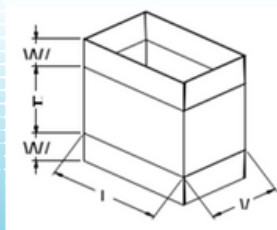


Model :	CE-20 T
Power supply :	1P 220V 50HZ (optional)
Machine size (L/ W/ H) :	L2425 × W1855 × H1300mm
Worktable height :	650mm (Standard) – 1000mm (maximum, customer-made)
Tape :	Bopp tape or draft paper tape
Tape size :	4.8 – 7.2cm (Standard machine is for tape in 48mm.) The machine can be customer made for tape in 60 or 72mm)
Power :	0.4 KW
Air supply :	≥6Kgf/cm ²
Protective power supply :	IP54
Noise :	≤75DB
Environment condition :	Humidity ≤98%, Temperature -10°C~40°C
Working speed :	8-12 case /min
Carton size :	L250 – 530 x W150 – 400mm x a) H: 225 – 600mm (H+ W/2, after folding and sealing the bottom flap) b) H: 150 – 400mm (The machine can be custom-made for bigger size) 570 > W/2 + H > 300mm
Main electrical and pneumatic parts :	PLC : Siemens Touch screen : Standard or Siemens (customer-made) Contactor : Schneider Switch power supply : Delta Motor : Luson or SEW (only for customer-made) Sensor : P + F Button : Schneider Alarm lamp : Siemens APT Cylinder : Airtac Vacuum generator : SMC Suction cup : Standard
Packing size	L2500 x W1220 x H1750 mm. Gross weight : 685kgs; Net weight : 600kgs

Working Flow;

- Adjust the parameters of the machine according to the carton size.
- Put carton paper board onto the paper board stock frame
- Suck carton ➡ Fold front & back flap ➡ Fold left & right flap ➡ Seal bottom by tape

Drawing of carton size (as reference)



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