

KALIX KP600 EVO

60 parts/minute cartoning machine

FOR A GREAT USER EXPERIENCE

MAIN FEATURES:

Fast changeover:

- Under 10 minutes to start a new production
- Format set up data registered in recipe
- Assisted changeover via HMI

Easy to operate:

- Automatic counters
- Size parts dismantling without tools
- New HMI
- Wide opening guards and swivelling electrical cabinet

Outstanding flexibility:

- Easy configuration of all tuck-in carton; straight or reverse
- Manual or automatic distribution for majority of health and cosmetic packaging: tubes, bottles, lipstick, mascara, compact powder, kits...

Experience the KP600 EVO – a renowned quality cartoning machine made by Citus Kalix in France. This cartoner is offering a fully automatic, horizontal, intermittent cartoner for prefolded cartons with reverse or airplane flaps.

KP600 EVO is the next generation cartoner made with 7 automatic counters, operated from a colour touch screen.

The size part dismantling is now done completely without tools. This means no need to search for the correct tools – just learn the simple and fast procedure, and anyone can do the format change after a short training.

The preferred choice for cosmetic producers

The careful product handling makes KP600 EVO ideal to handle and protect even the most delicate cartons for health and beauty products.

If you need a cartoner for special requirements such as 5th panel, Diamond Shaped carton, Internal divider in the carton, Plastic pack or window carton: KP600 EVO will meet and exceed your expectations.

A WIDE RANGE FOR HEALTH & BEAUTY APPLICATIONS

Horizontal cartoners



KP600 EVO



KP800 EVO



KP1200



KP1800

Vertical cartoner



KV800

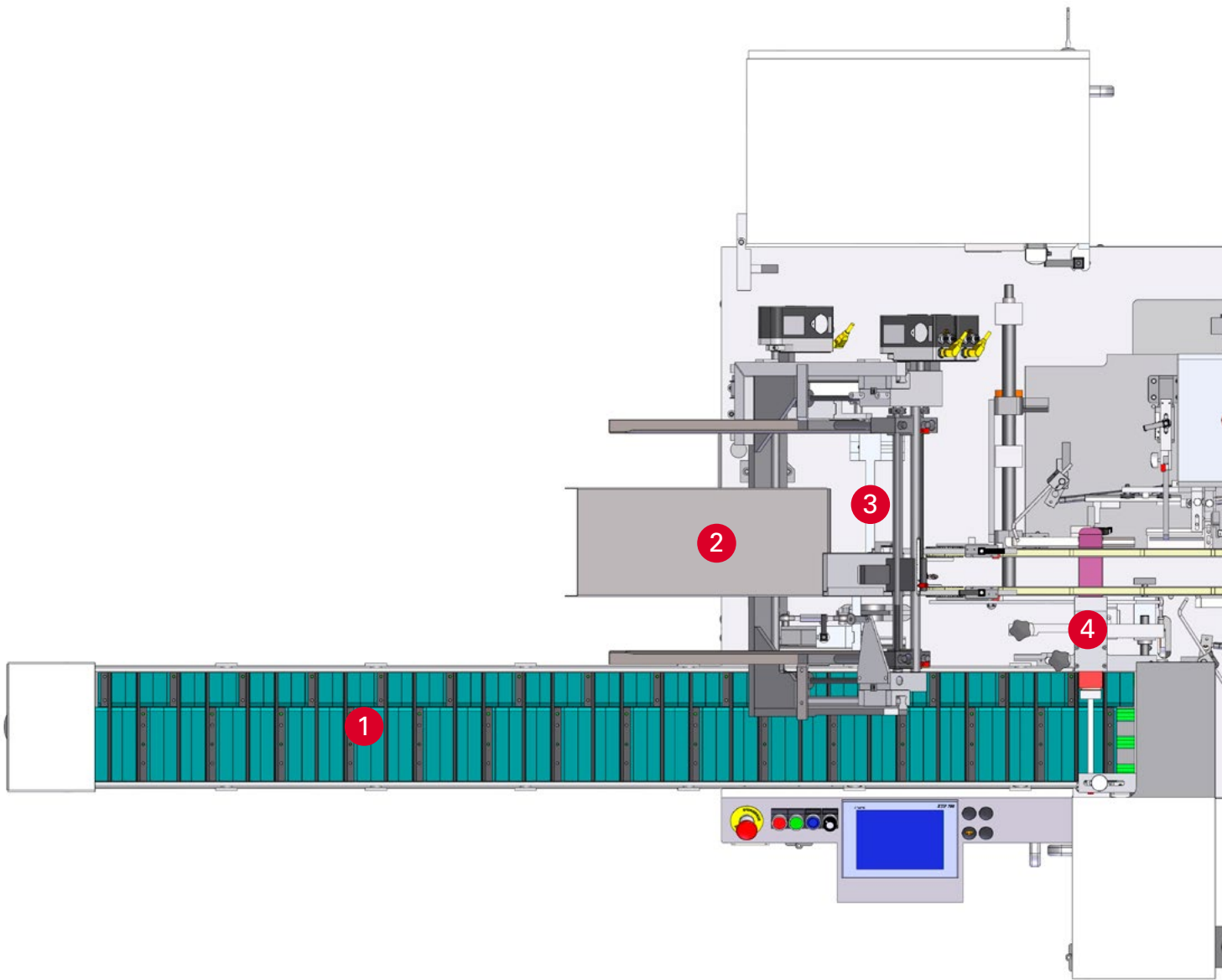
Special applications



Liner Module



KPC (samples card)



1. Product distribution

- Buckets of the primary chain are filled manually by an operator.
- Optionally, the machine can be equipped with an automatic distribution system according to the product specifications.

2. Carton feeding

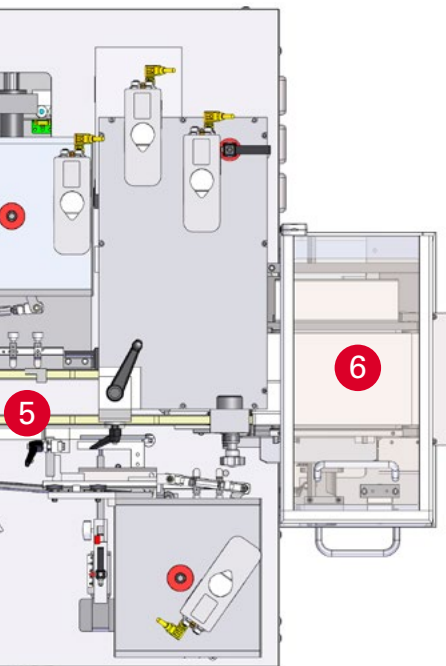
- Pre-folded cartons are placed on an inclined plane store feeder. This feeder can be extended with a horizontal belt (optional).

3. Carton transfer

- Carton pick-up and opening are performed by two arms equipped with suction cups, using exclusively positive movements.
- The open carton is transferred between the upper and lower belts of the secondary chain, where it is held by plastic cleats. Motion is provided by the motorized upper belt.

4. Product insertion

- The product is introduced into the carton through a tunnel, by an optimised stroke insertion tool, which is equipped with an automatic overload protection.
- Optionally, the machine can be equipped with a leaflet feeder. Thanks to a special guiding tunnel, the leaflet is introduced into the carton along with the product.



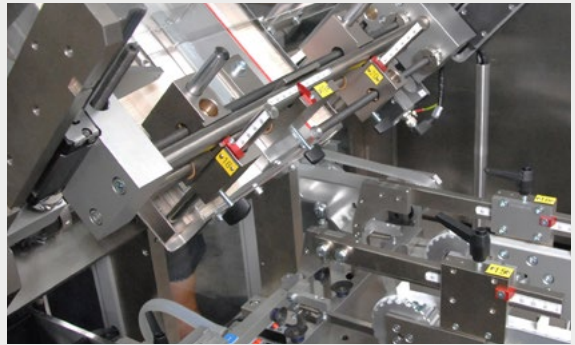
5. Carton closure

- The positive closure principles ensure perfect closing. Every movements is mechanical and linear.
- Adjustments are centralized and simplified. This concept allows full repeatability and short changeover time.

6. Finished product outfeed

- Optionally, the finished product can exit the machine on a horizontal conveyor and, in case a defective product is detected, the rejection system automatically slides it downwards.

Carton feeding



Product insertion

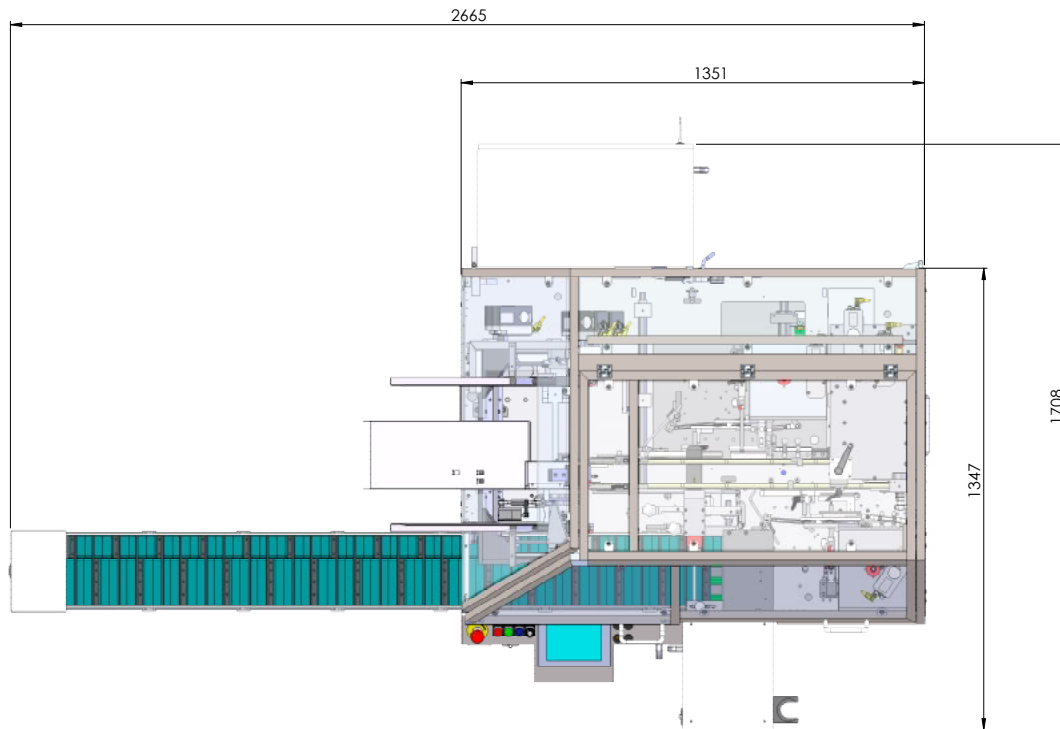


Carton closure



TECHNICAL CHARACTERISTICS

Installation drawing:



1. Change over time:

- Format change in less than 10 minutes

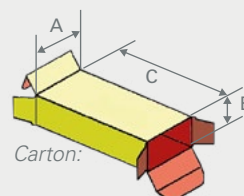
2. Technical features:

- Fully automatic, horizontal, intermittent cartoner for prefolded cartons with reverse or airplane flaps
- Product transfer by primary chain with plastic dividers
- Carton transfer by lower and upper plastic belts to avoid scratches
- Pick-up, opening and closure of carton with positive movements
- Automatic counters
- Adjustable speed on the display
- Display with colour touch screen
- Guards in stainless steel and security glass
- Noise level under 75 dbA at 1 meter
- SIEMENS PLC
- GMP machine
- Safety: complies with CE standards

3. Energy table:

Energy sources	Values
Compressed air	10-30 Nm ³ /h
Pressure	6 bar
Electricity	1.5 kW

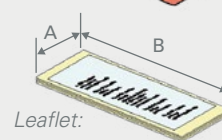
4. Cartons & leaflets dimensions:



Carton:

Carton	Min. (mm)	Max. (mm)
A	20	100
B	20	80
C	50*	200

* For smaller dimensions, please contact us.



Leaflet:

Leaflet	Min. (mm)	Max. (mm)
A	15	75
B	70	220

Options:

- Extended primary chain
- Extended carton feeder
- Infeed Modules for different packaging in puck or not (tube, bottle, jar, lipstick, mascara, powder compact, coloration kit...)
- Liner module
- Prefolded leaflet insertion
- Leaflet folding by GUK
- Carton closing by hotmelt glue
- Tracking solutions: Inkjet coding, rotary embossed coding, hot foil marking
- Coding inspection camera
- Barcode reading for leaflets and/or cartons.
- Filled carton control
- Rejection of incomplete or defective cartons
- Light column
- IQ/OQ Documentation

These data are indicative and can be subject to modification without prior notice.



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