

SMART PACKAGING SOLUTION

ZH120 Cartoning machine

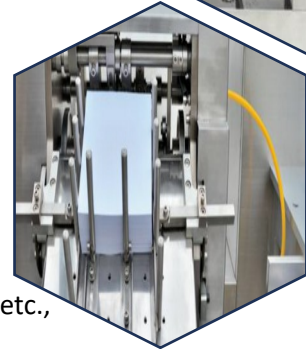
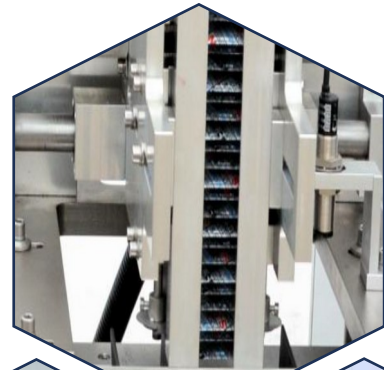


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The characteristics of ZH120 Cartoning machine:

- ❖ Cartoner ZH120 is an automatic intermittent motion horizontal cartoning machine, very compact and reliable.
- ❖ The working area is in cantilever (balcony type) layout.
- ❖ The main structure has a vertical partition to separate the drive section (rear) from the operating zones (front). It is suitable for packaging of blisters, bottles, vials, pillow packs, etc.
- ❖ The machine runs stable and provides easy changeover for different sizes of cartons.
- ❖ It can fold leaflets, open cartons, insert the products and leaflets into cartons, emboss, tuck-in or hot-melt closures and automatically discharge cartons.
- ❖ The machine is equipped with a series of sensors and automatic protective devices to assure the machine runs safely and effectively.
- ❖ It can connect with Blister Machine, Pillow Pack Machine, Over wrapper, etc., to form a Production Packaging Line.



Main units of this Cartoner:

- **Gear Device:** The gear drives the carton conveyor chain and blister conveyor chain running in intermittent motion.
- **Carton Conveyor Chain:** The carton conveyor chain is used to transfer opened cartons to every station, that can automatically complete the actions of inserting of blister cards and leaflets into cartons, embossing, closing of cartons, discharging of cartons.
- **Leaflet Conveyor Chain:** The leaflet conveyor chain is applied to send folded leaflets to the blister feeding station then the leaflets and the blister cards are inserted into cartons together.
- **Carton pick-up device:** The carton pick-up with one set of suction cup can suck the cartons from the carton magazine, open the carton, place it on the carton conveyor.
- **The Leaflet Folding Device:** The leaflet folding device can make the leaflet fold one to four folds according to customer's demand.
- **Inserter device:** The inserter device can push the blister cards into the carton in intermittent motion.
- **Carton magazine device:** Adopt long carton magazine for approximately 1000 cartons.

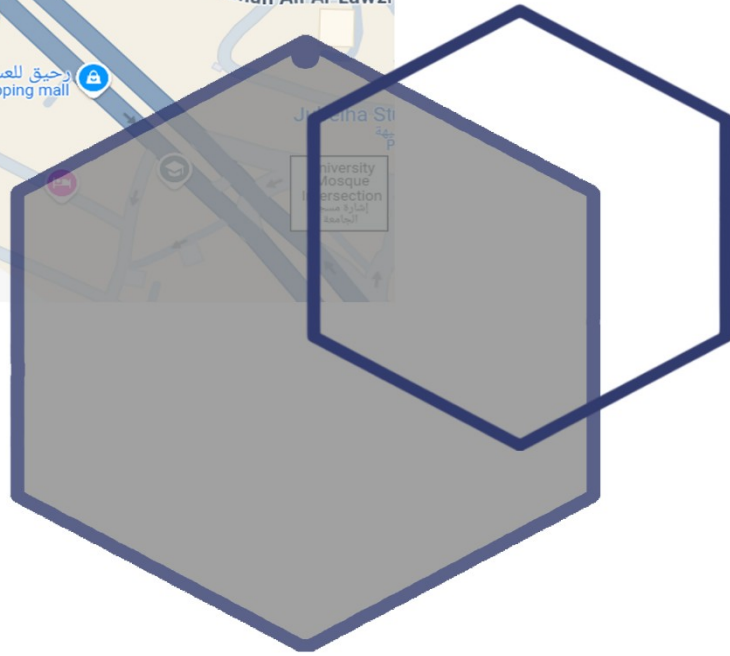
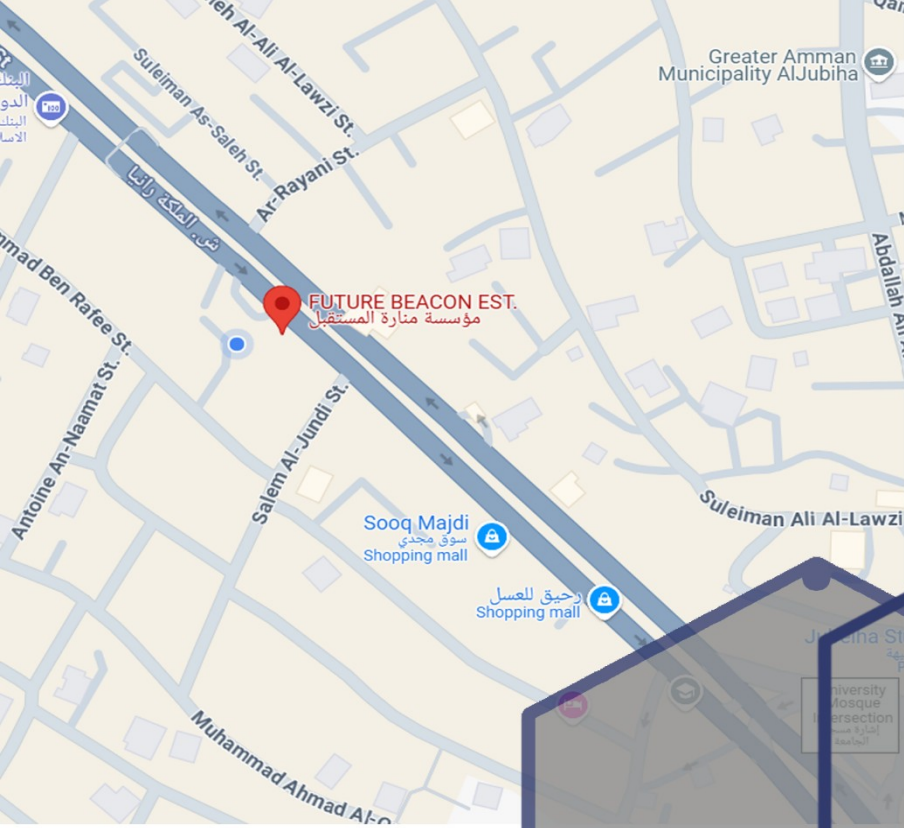


Details for pictures as follow :

1. Inside the magazine, the blister cards are counted when they free fall via the servo-motor, and are then held in position by the transfer belt.
2. The Leaflet are isolated from the botton from a pile magazine, then pulled off and folded. It can make the leaflet fold one to four folds according to customer's demand.
3. Long carton magazine for approximately 1000 cartons.
4. The inserter device can push the blister cards and leaflet into the carton.
5. In carton conveyer chain the cartons are closed automatically, adopts digital position indicator achieves straightforward adjustment.
6. Cantilever construction easy for maintenance and cleaning.

Main Technical Parameters	
Max. Output	120 cartons/min.
Range of Carton Size	Max.150x115x50mm Min.55x30x15mm
Machine Power	1.8kw
Machine Dimension (LxWxH)	3500x1500x1800mm
Machine Weight	1200 kg

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