

SMART PACKAGING SOLUTION

Cartooning machine ZH400



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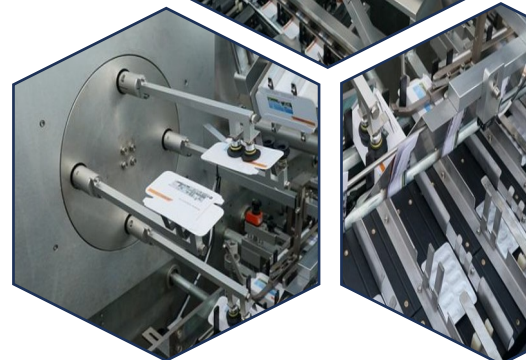
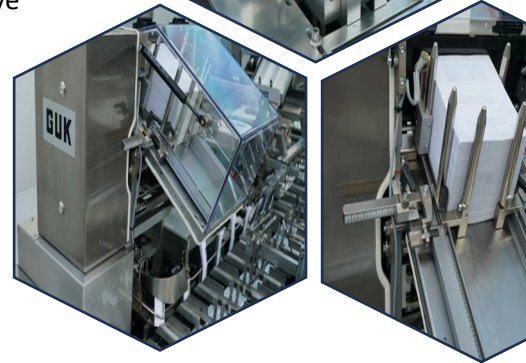
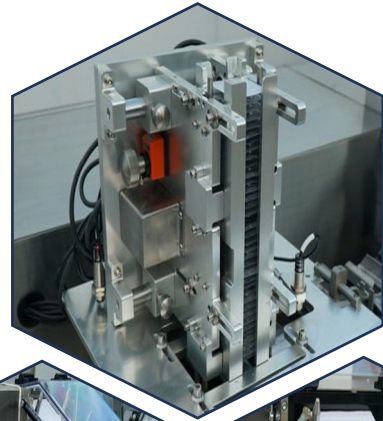
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The characteristics of ZH400 Cartooning machine:

- ❖ It is suitable for pharmaceuticals, food, household chemicals, hardware and electrical industries for the packaging of blisters, bottles, vials, pillow packs, toothpaste, etc.
- ❖ 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.
- ❖ It is the best choice for mass production.

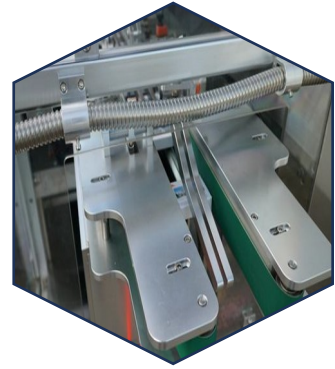
Main units of this Cartoner:

- **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.
- **Rotary Carton pick-up device:** The rotary carton pick-up with four sets of suction cups 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 :

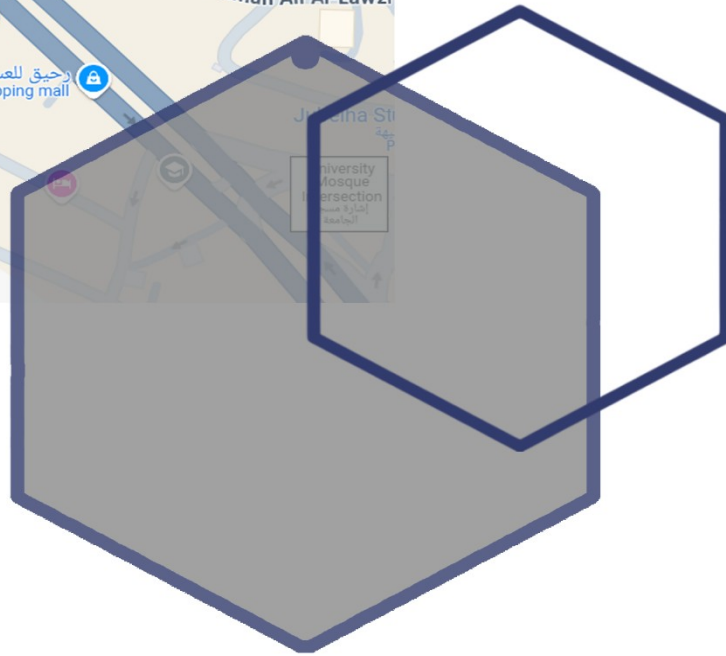
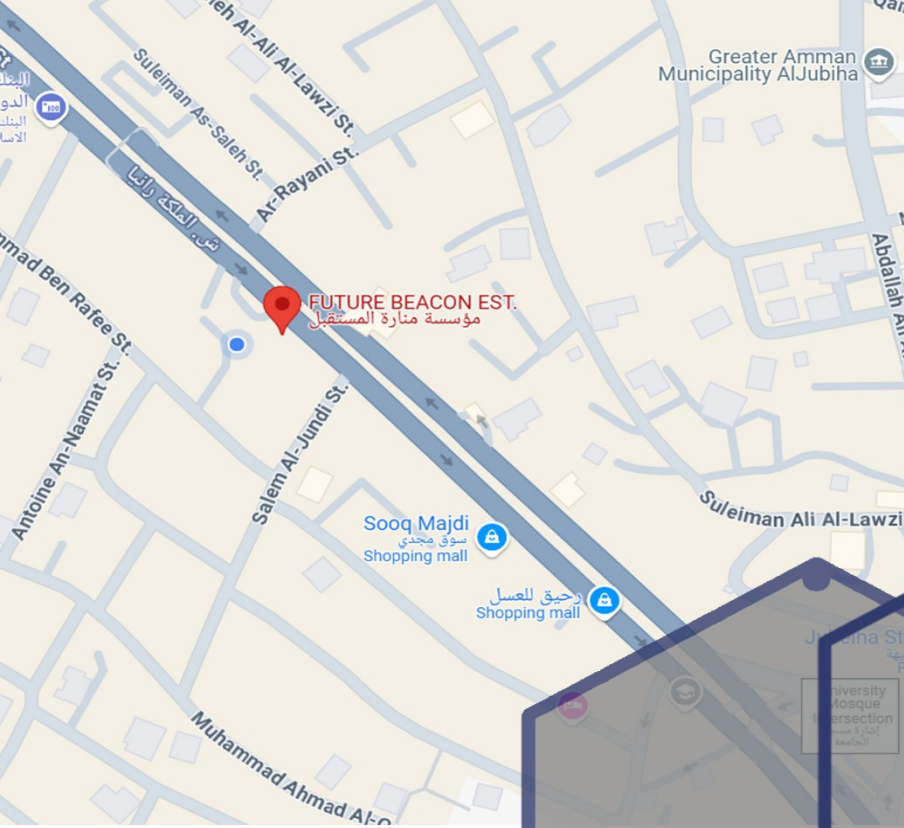
1. Inside the magazine, the blister cards are counted when they free fall via the servo-motor, transferred to the cartoner module.
2. The Leaflet Folding Device can adopt GUK or MB Leaflet Folder (optional).
3. The Leaflet folding device make the leaflet fold one to four folds.
4. The blister cards and folded leaflet continuously move forward synchronously.
5. The long carton magazine accommodates up to 1200 cartons approximately and is easily filled from the front. To enable access to clean and adjust the closing station below, the carton magazine can be raised.
6. The Rotary carton feeder pick up cartons then places them in carton conveyor chain.
7. The continuous motion inserter device pushes the blister cards and leaflet into the carton together.
8. The Cartoner module adopts aluminum control enclosure that made in Germany and color Touch Screen User Interface.
9. Adopts digital position indicator achieves straightforward adjustment.
10. After actions of inserting of blister cards and leaflets into cartons, embossing and closing, the cartons were discharged automatically.



Main Technical Parameters	
Max. Speed	blister:400 cartons/min. bottle: 160 bottles/min.
Range of Carton Size	Max.: 200×90×60mm Min.: 55×30×15mm
Unfolded Leaflet Size	70~210×150~260mm
Folded Leaflet Size	70~210×20~40mm
Machine Power	4kw
Machine Dimension (LxWxH)	4500×1620×1700mm
Machine Weight	2400kg



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