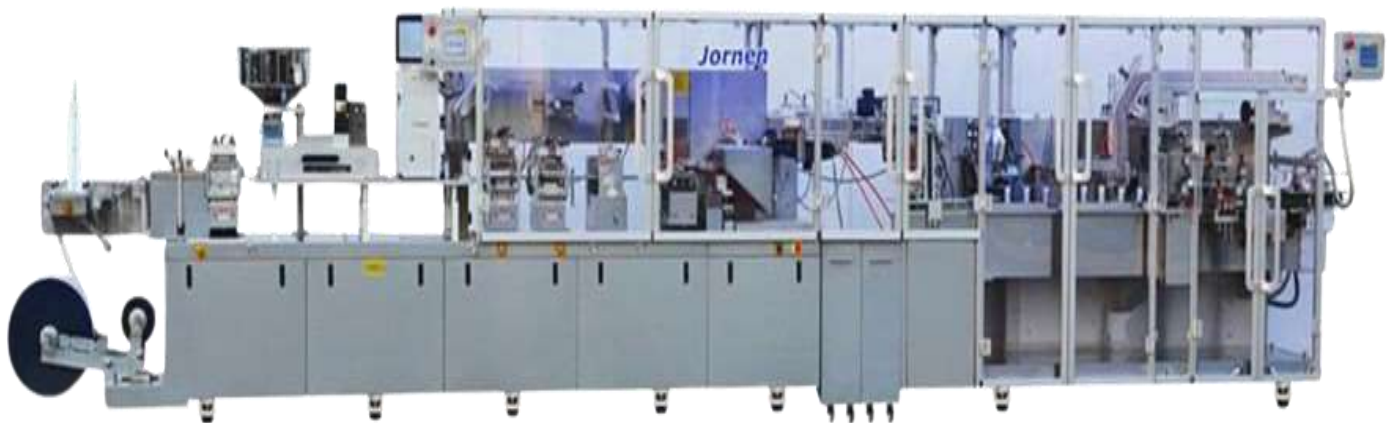


SMART PACKAGING SOLUTION

Blister Line 120



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The characteristics of Blister Line 120:

- ❖ This Blister-Cartoner Line is combined with the DPP260Ki2 Blister Machine and ZH120i Cartoner.
- ❖ Through integration of a blister and cartoner module for packaging and cartoning of pharmaceutical tablets, capsules and ampoules, this Blister Packaging Line is Jornen's innovative response to the need for high efficiency and low-cost operation, flexibility and maximum productivity for small and medium batch production.
- ❖ Processes all common solid dose products and all types of forming material.
- ❖ The machine can achieve 180 minutes of uninterrupted production thanks to Blister module with forming material reels of up to 600mm in diameter and waste material trimming cutter (optional).
- ❖ Capable of all standard types of closure systems for cartons from tuck-in to hot-melt.
- ❖ The heart of a Blister Line is the connection between the Blister Machine and Cartoner.
- ❖ In this line, the connection phase is truly innovative thanks to two vacuum arms and the blister counting magazine that adopt precise servo technology.
- ❖ These accurately control blister transfer, faulty blister rejection, positioning, and feeding, etc., to assure the stability of high running speed.
- ❖ Since this Line adopts transfer belt to connect the Blister Machine and Cartoner, it provides easy changeover for different sizes of formats and cartons.
- ❖ This line adopts the fully-enclosed structure and safety door, it is in line with the most stringent European safety standards.



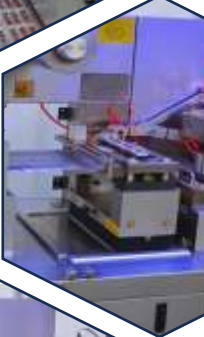
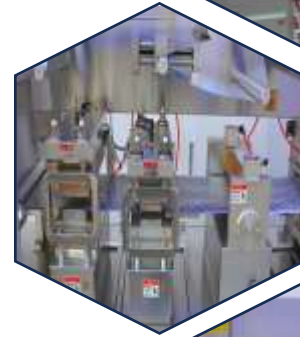
Details for pictures as follow :

1. The machine can achieve 180 minutes of uninterrupted production thanks to a forming material reel of up to 600mm in diameter.
2. Equipped with integrated forming material splicer.
3. The forming heating station can be opened up for cleaning.
4. The upper and lower plates adopt contact heating method that significantly reduces the forming temperature. Thus, the shrinkage, deforming of packaging material and power consumption are minimized.
5. The forming, sealing, embossing and perforating stations equipped with automatic format locking, positioning system, achieves extremely straightforward format changeover.
6. The universal feeder is capable of feeding almost all items such as capsules, flat tablets, oval tablets, capsule tablets, triangular tablets or other various shapes.
7. Integrated product inspection system with color camera can reject faulty blisters automatically (optional).

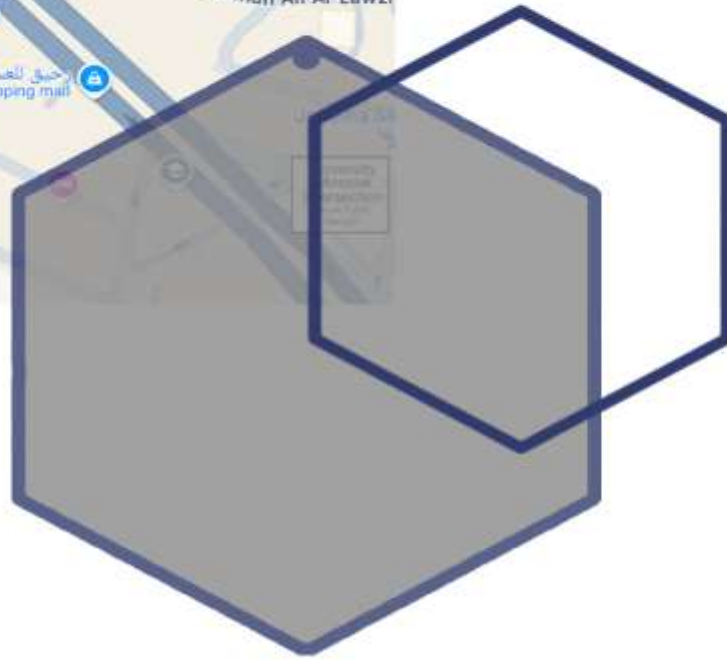
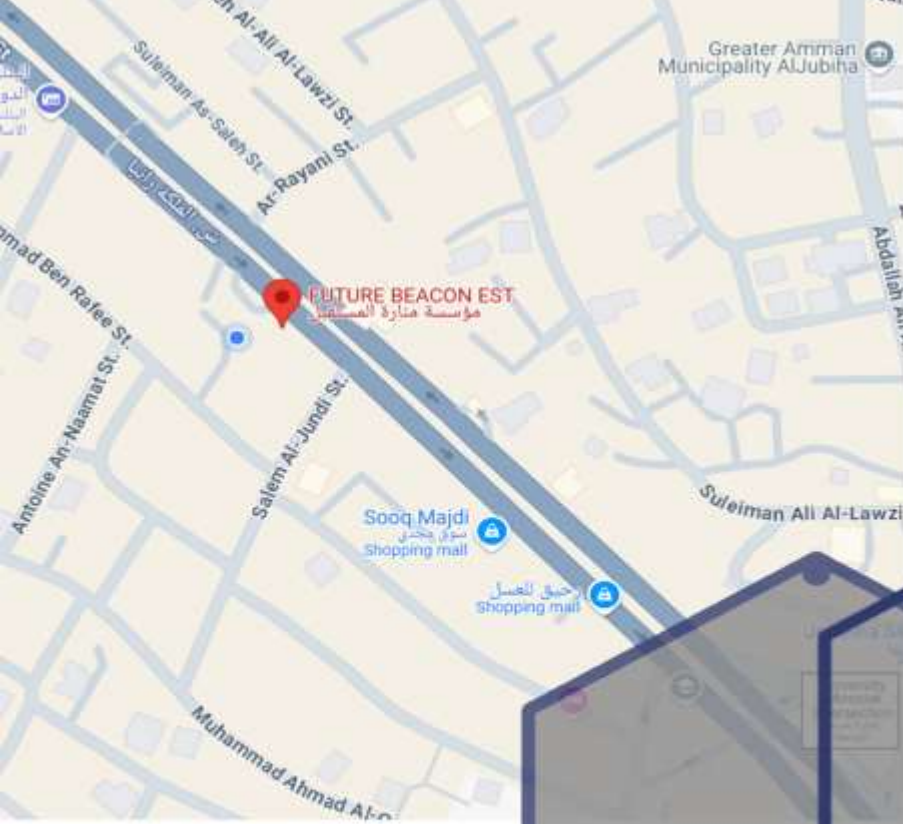


8. In the sealing station, when the machine stops, the heating sealing mould can rise up automatically, to prevent hot air from getting into the blister pockets, so that medicine effectiveness is preserved.
9. The material drag system adopts a precise servo motor to achieve stable, accurate running. The blister length can be set freely through Touch Screen User Interface, which reduces the time for a format changeover.
10. The blister cards are punched upward in Blister Machine, collected by the vacuum arm and transferred to the cartoner, the waste material were cut and transferred to waste tank.
11. Pinhole detection system for quality assurance of blister packaging (optional).
12. Two waste tanks collect waste material alternatively
13. 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.
14. The Leaflet are isolated from the bottom from a pile magazine, then pulled off and folded. It can make the leaflet fold one to four folds according to customer's demand.
15. The inserter device can push the blister cards and leaflet into the carton.
16. Long carton magazine approximately accommodates 1000 cartons.
17. In carton conveyor chain the cartons are closed automatically. Adopts digital position indicator achieves straightforward adjustment.
18. The Blister Line adopt transparent cover assures safe operation.

Main Technical Parameters	
Max. Output	120 cartons/min.
Range of Carton Size	Max.: 150x115x50mm Min.: 55x30x15mm
Machine Power	11.4 kw
Machine Dimension (LxWxH)	8400x1100x1800mm
Machine Weight	3000 kg



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