

江南名機
新十年
2018

Jornen®



Jornen Machinery Co.,Ltd.

Dedicated to pharmaceutical packaging machinery since 1985

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In 1989, China's first platen sealing Blister Machine was launched and the story of "Jornen" had begun... ..
Today, our equipment has been sold in more than 80 countries and regions... ..
In the future, our innovations and creations will bring you greater benefits... ..



Shanghai High-tech Enterprise

Founded in 1989 in China, Jornen Machinery Co., Ltd. is a professional pharmaceutical machinery manufacturer integrating development, production, marketing and service. We were awarded as “one of the Top 10 Packing Machinery Enterprises in China,” and “Shanghai High-tech Enterprise.”

Company founder Mr. Yang Yijun has been developing the Blister Machines since 1985. In 1989, he launched China's first Platen Sealing Blister Machine. Through the efforts of two generations of Jornen staff for over two decades, Jornen Pharmaceutical Machinery, Inc. has become a leader in providing and servicing a complete line of processing and packaging equipment worldwide. Our products include Blister Machine, Cartoner, Blister Line, Film Coating Machine, Capsule Filling Machine, Tablet Press Machine and Tablet/Capsule Bottle Packaging Lines.

We are dedicated and driven to provide the best equipment to meet our customers' requirements that come from pharmaceutical, food, cosmetic and chemical industries. Up to now we have delivered outstanding, innovative and high quality equipment to customers in more than 80 countries around the globe.



Chinese Patent No.

- 88 2 07598.5
- 90 2 03244.5
- 91 2 28830.2
- 95 2 04869.8
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DPH260i/260 Blister Machine



- Currently the fastest Blister Machine in China; it is the culmination of nearly 30 years professional experience.
- The machine accommodates forming material reels of up to 600mm in diameter and a waste material trimming cutter, which allow production runs of approximately 90 minutes therefore reducing the material replacement frequency.
- Equipped with integrated forming material splicer to enhance efficiency.
- Automatic format positioning system achieves straightforward format changeover.
- Window frame type no-waste-trimming cutter saves packaging materials.
- Adopts transverse cutter which easily collects its blister card and rejects faulty blister.
- Can be connected to subsequent machines, e.g. High-Speed Cartoners, to form a whole pharmaceutical packaging line.

Main Technical Parameters:

Max. Speed:	Alu/alu100 punches/min. alu/pvc 200 punches/min.
Max. Output:	800 blisters/min. (alu/pvc blister size 57mmx80mm)
Max. Forming Area:	245mmx180mm
Max Forming Depth:	12mm
Material:	Max. width 260mm
Machine Power:	15kw
Machine Dimension:	4800xmm1250xmm2000mm
Machine Weight:	2500kg

DPP260Ki-II Blister Machine



- Blister Machine DPP260Ki-II is the second generation of DPP260Ki.
- Equipped with automatic format locking, positioning system, achieves extremely straightforward format changeover (new).
- Sealing pressure adopts the gas-hydraulic pressure cylinder, so the pressure can be set freely according to the sealing area (commonly a larger sealing area requires higher pressure) (new).
- All the main parts are made of premium stainless steel and alu-alloy material, and machined by advanced high precision CNC tooling machines.
- This machine accommodates two forming material reels. One of the reel's diameter can reach up to 600mm, if it equips the waste material trimming cutter(optional), it could allow production runs of approximately 90 minutes, therefore, reducing the material replacement frequency.
- This machine is equipped with an integrated forming material splicer to enhance efficiency during material replacement.
- 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.
- Using a fast lock method enables replacement of lidding material easily within 10 seconds.
- The blister length can be set freely through Touch Screen User Interface, which reduces the time for a format changeover.

Main Technical Parameters:

Max. Speed:	alu/alu 40 punches/min. alu/pvc 70 punches/min.
Max. Output:	280 blisters/min. (alu/pvc blister size 57mmx80mm)
Max. Forming Area:	245mmx152mm
Max Forming Depth:	12mm
Material:	Max. width 260mm
Machine Power:	9.6kw
Machine Dimension:	4 stations: 4200mmx740mmx1700mm 5 stations: 4450mmx740mmx1700mm
Machine Weight:	4 stations: 1800kg 5 station: 1950kg

DPP260K2 Blister Machine



- The machine can be packed separately to accommodate a lift having a 2.2m width, and delivered to the divided purification workshop.
- Adopts positioning formats for straightforward format changeover.
- Add an optional perforation station, to separate the perforation from the embossing station. Conventionally, perforation and embossing remain in one station, but this will influence the clarity of each.
- Separation of drive and operating zones are in compliance with pharmaceutical GMP requirements.
- Material drag system adopts a precise servo motor to achieve stable, accurate running allowing blister length to be set freely.

Main Technical Parameters:

Max. Speed:	alu/alu 40 punches/min. alu/pvc 70 punches/min.
Max. Output:	280 blisters/min. (alu/pvc blister size 57mmx80mm)
Max. Forming Area:	245mmx152mm
Max Forming Depth:	12mm (customer-made at 30mm)
Material:	Max. width 260mm
Machine Power:	9.6kw
Machine Dimension:	4 stations: 4200mmx740mmx1700mm 5 stations: 4450mmx740mmx1700mm
Machine Weight:	4 stations: 1800kg 5 station: 1950kg

DPP260H3/DPH 260H3 Blister Machine

DPP260H3 ►



DPH260H3 ►



260H3 Blister Machine adds one tropical alu forming station and a second sealing station to allow the alu/pvc package to be sealed with formed tropical alu again. The shrinkage of packaging material is minimized to ensure the synchronization of blister pocket by means of double servo-regulated drag system. It can strengthen the sealing effects and protect the medicine from light. (This machine also can package both alu/pvc and alu/alu) The machine can equip a product inspection and rejection system, and also can connect with the Cartoner to form an Automatic Pharmaceutical Packaging Line.

Main Technical Parameters:

Model:	DPP260H3	DPH260H3
Max. Speed:	45 punches/min	100 punches/min
Max. Output:	180 blisters/min. (blister size 57mmx80mm)	400 blisters/min.(blister size 57mmx80mm)
Max. Forming Area:	245mmx140mm	
Max Forming Depth:	12mm	
Material:	260mm	
Machine Power:	13kw	25kw
Machine Dimension:	5000mmx720mmx1750mm	7100mmx1300mmx2000mm
Machine Weight:	2200kg	4500kg

BMP270 Blister Machine



- The main structure has a vertical partition to separate the drive section (rear) from the operating zones (front).
- GMP-compliant cantilever (balcony type) layout for easy, pharmaceutically compliant cleaning.
- Adopts digital position indicator achieves straightforward adjustment.
- Equipped with format locking, positioning system and quick-fitting, tool-free design, achieves extremely straightforward format changeover (new).
- 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.
- Sealing pressure adopts the gas-hydraulic pressure cylinder, so the pressure can be set freely according to the sealing area (commonly a larger sealing area requires higher pressure) (new).
- This machine is equipped with an integrated forming material splicer to enhance efficiency during material replacement.
- 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.
- Using a quick-fitting design enables replacement of lidding material easily within 10 seconds.
- The blister length can be set freely through Touch Screen User Interface, which reduces the time for a format change-over.
- Larger area of working station, width of forming, sealing and embossing stations reach 180mm, suitable for mass production requirement.
- Glass safety doors assures safe operation.

Main Technical Parameters:

Max. Speed:	Alu/alu 40 punches/min. alu/pvc 50 punches/min.
Max. Output:	400 blisters/min. (alu/pvc blister size 57mmx80mm)
Max. Forming Area:	265mmx170mm
Max Forming Depth:	22mm
Material:	Max. width 270mm
Machine Power:	14.5kw
Machine Dimension:	5300×1200×2000mm (5 stations)
Machine Weight:	2400kg

DPP150K/K2,DPP80 Blister Machine

DPP80 ►



DPP150K2 ►



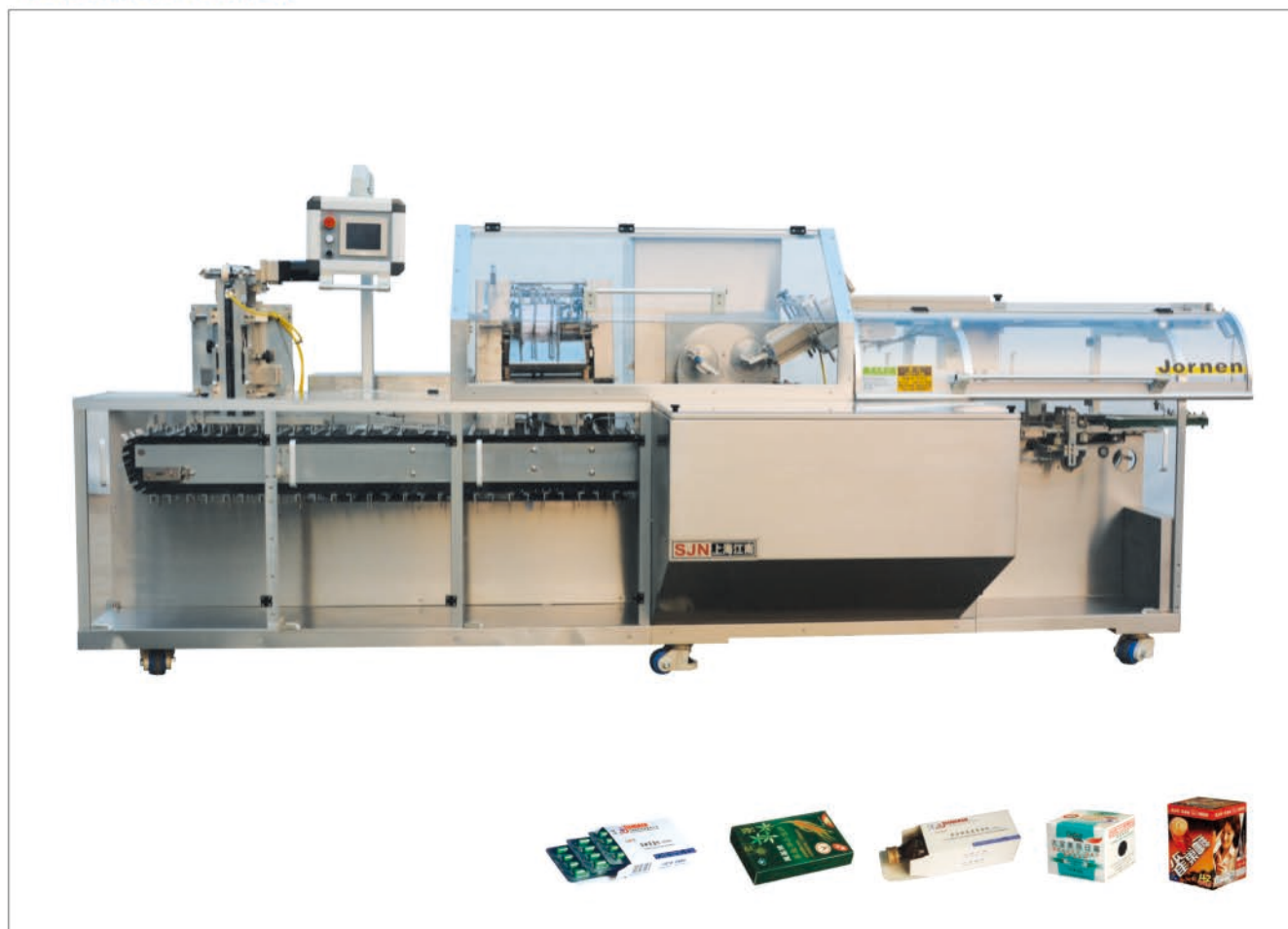
DPP-150 Blister Machine is small and suitable for the blister packaging of capsules, tablets (irregular tablets) and pills, etc., for small batch production.

DPP80 is a compact, customizable, commercially competitive blister packaging machine for clinical trial laboratories and facilities requiring low volume packaging solutions.

Main Technical Parameters:

Model:	DPP150K/K2	DPP80
Max. Speed:	60 punches/min.	27 punches/min
Max. Output:	120 blisters/min (blister size 57mmx80mm)	27 blisters/min (blister size 57mmx80mm)
Max. Forming Area:	135mmx120mm	70×100mm
Max Forming Depth:	12mm	12mm
Material:	Max. width 150mm	Max. width 80mm
Machine Power:	3.2kw	2.5kw
Machine Dimension:	2200mmx570mmx1380mm	1600×520×1050mm
Machine Weight:	800kg	170kg

ZH300 Cartoner



ZH300 is the fastest Continuous Motion Cartoner in our company. 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 the Blister Machine, Pillow Packaging Machine, Shrink-Wrapper, etc., to form a Packaging Line. It is the best choice for mass production.

Main Technical Parameters:

Max.Speed:	blister: 300 cartons/min. Bottle: 160 bottles/min.
Range of Carton Size:	Max.160mmx110mmx60mm Min.55mmx30mmx15mm
Unfolded Leaflet Size:	70mm~210mmx150mm~260mm
Folded Leaflet Size:	70mm~210mmx20mm~40mm
Machine Power:	4kw
Machine Dimension:	4000mmx1200mmx1700mm
Machine Weight:	2400kg

ZH220 Cartoner



ZH220 is a continuous motion Cartoner, suitable for the 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 the Blister Machine, Pillow Packaging Machine, Shrink-Wrapper, etc., to form a Packaging Line.

Main Technical Parameters:

Max.Output:	220 cartons/min.
Range of Carton Size:	Max.160mmx110mmx60mm Min.55mmx30mmx15mm
Machine Power:	3kw
Machine Dimension:	4500mmx1620mmx1600mm
Machine Weight:	1350kg

ZH150 / ZH120 Cartoner



ZH150/ZH120 are intermittent motion cartoners, 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, Overwrapper, etc., To form a Production Packaging Line.

Main Technical Parameters:

Model:	ZH150	ZH120
Max.Output:	150 cartons/min.	120 cartons/min.
Range of Carton Size:	Max.150 x115 x50mm Min.55 x30 x15mm	Max.150 x115 x50mm Min.55 x30 x15mm
Machine Power:	1.8kw	1.8kw
Machine Dimension:	3500mmx1500mmx1800mm	3500mmx1500mmx1800mm
Machine Weight:	1200kg	1200kg

Intermittent Motion Series Blister Line

▼ DPP260Ki2-ZH120i Blister Line



▼ BMP270-ZH150i Blister Line



DPP260Ki2-ZH120i Blister Lines is combined with the DPP260Ki2 Blister Machine and ZH120i Cartoner.

BMP270-ZH150 Blister Lines is combined with the BMP270 Blister Machine and ZH150 Cartoner.

- 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.
- DPP260Ki2-ZH120i Blister Lines adopt the fully-enclosed structure and safety door, it is in line with the most stringent European safety standards.

Main Technical Parameters:

Model:	DPP260Ki2-ZH120i	BMP270-ZH150i
Max. Output:	120 cartons/min.	150 cartons/min.
Range of Carton Size:	Max.: 150x115x50mm Min.: 55x30x15mm	
Machine Power:	11.4kw	14.5kw
Machine Dimension:	8400x1100x1800mm	10500x1200x2000mm
Machine Weight:	3000kg	3500kg

Continuous Motion Series Blister Line

▼ DPH350-ZH400 Blister Line



▼ DPH260-ZH300 Blister Line



- The line's maximum output reaches 300 cartons/minute(220 cortons/minute、 120 cartons/minute), processing of all common solid dose products and all types of forming material.
- Blister module with forming material reels of up to 600mm in diameter can run for 90 minutes of uninterrupted production.
- 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 and Cartoning machine. In this line, the connection phase is truly innovative thanks to the vacuum arms and 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. The machine can be equipped with an online inspection system, and auto rejection and bar code inspection system.
- Can be connected to subsequent machines, e.g., Stretch- Banding Machine (Overwrapper), Weight Checker, and Case Packer to form whole efficiency production lines.

Main Technical Parameters:

Model:	DPH260-ZH300	DPH350-ZH400
Max. Output:	300 cartons/min.	400 cartons/min.
Range of Carton Size:	Max.: 150x115x50mm Min.: 55x30x15mm	
Machine Power:	21.3Kw	23Kw
Machine Dimension:	8800x2000x2000mm	9000x2000x2000mm
Machine Weight:	6500kg	

DPP260/350/500R–ZH120 Blister Line

▼ DPP260R–ZH120



▼ DPP350R–ZH120



▼ DPP500R–ZH120i



This Blister-Cartonner Line is combined with the DPP260R /350/500 Blister Machine and ZH120 Cartonner.

The machine suitable for ampoule, vials and pre-filled syringe etc. blister packing, adopts automatic feeding system. Machine feeder can be connect with labeling machine, output can be connected to subsequent machines, e.g., Stretch-Banding Machine (Overwrapper), Weight Checker, and Case.

- In this line the Blister Machine only produce plastic thermoformed trays.
- Equipped with Servo-regulated feeding system for vials, ampoules.

Main Technical Parameters:

Model:	DPP260R–ZH120	DPP350R–ZH120	DPP500R–ZH120
Range of Carton Size:	Max. 150mmx115mmx50mm Min. 55mmx30mmx15mm		
Max. Output:	120 cartons/min.		
Machine Power:	8kw	9.5kw	11.5kw
Machine Dimension:	6000mmx3000mmx1800mm	8800mmx1650mmx1800mm	8800mmx1550mmx1800mm
Machine Weight:	3000kg	3600kg	3800kg

NSL260 Strip Packaging Machine



The NSL260 is a high speed Strip Packing Machine and has been designed to pack capsules, tablets or similar products.

Features:

- Feeding, sealing, slitting and cutting are done automatically, reducing labor costs and therefore, reducing production cost.
- The exterior of the machine is made of premium stainless steel, in conformity with GMP.
- Compact and simple construction allow for easy maintenance and straightforward operation.
- The format changeover can be easily done within 40 minutes.

Main Technical Parameters:

Output(varies according to packing size):	≤1400 pcs/min.
Max. Machine Speed:	80 punches/min.
Max. Width of Packaging Material:	≤260mm
Machine Power:	3.75kw
Machine Dimension (LxWxH):	1600x900x1900mm
Machine Weight:	1200kg

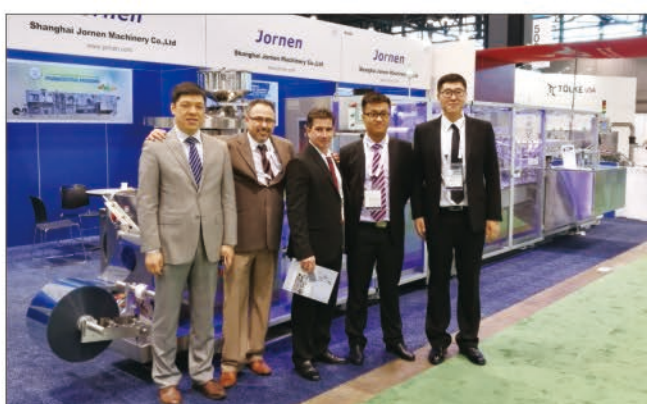
Partial Cases



Customer from Australia visited Us



Customers from Russia came to accept the machines



Jornen displayed Blister Packaging Line in Pharma EXPO Chicago, US.



Blister Machine and Cartoning Machine in Russia



We demonstrating Blister Line in Interpack



Customer visiting our Booth in Pharma EXPO

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