



Shanghai Jornen Machinery Co.,Ltd



Dedicated to pharmaceutical packaging since 1985
Innovative machines for your medicine packaging

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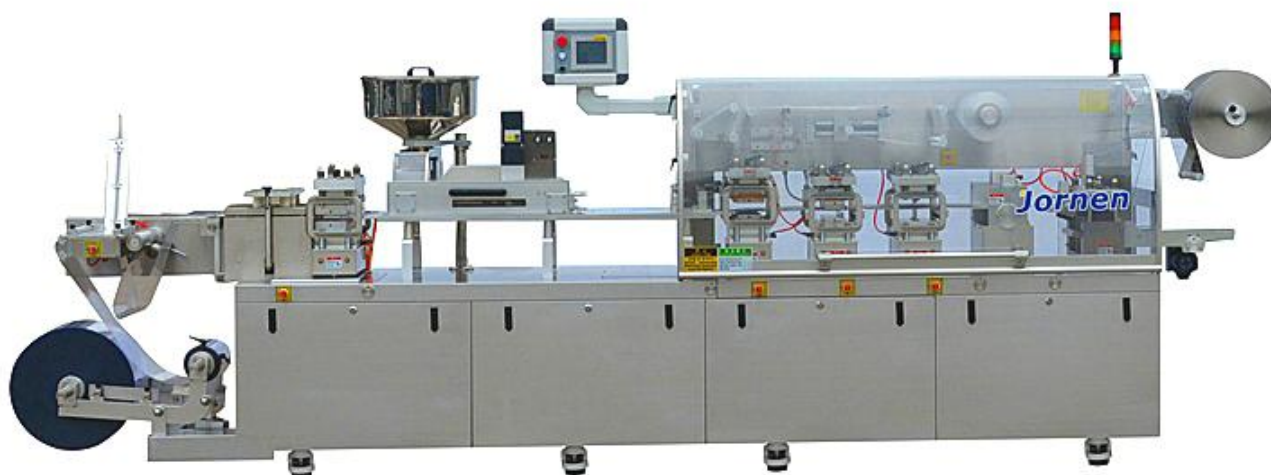
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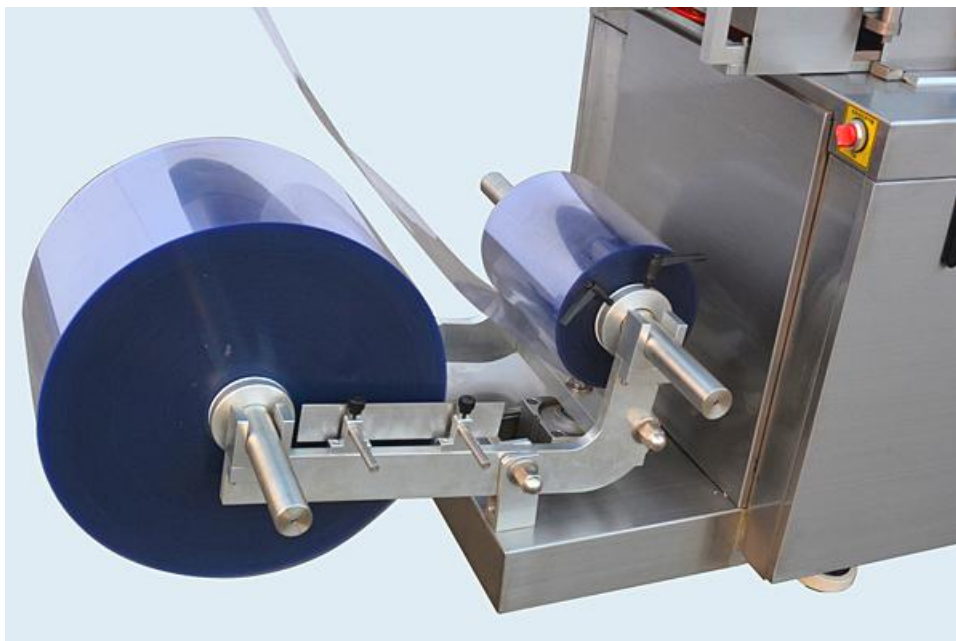
Blister Machine DPP260Ki- II



The characteristics of Blister Machine DPP260Ki- II :

- 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 diameters 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 lid 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.

Details of the machine:



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1. The forming material reel of up to 600mm in diameter.



2. Equipped with integrated forming material splicer.



3. 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.



4. The contact forming heating station can be opened up for cleaning very conveniently.



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5. 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. The flat tablets, capsules or oblongs are fed via tracks or tubes into the aluminum blisters.



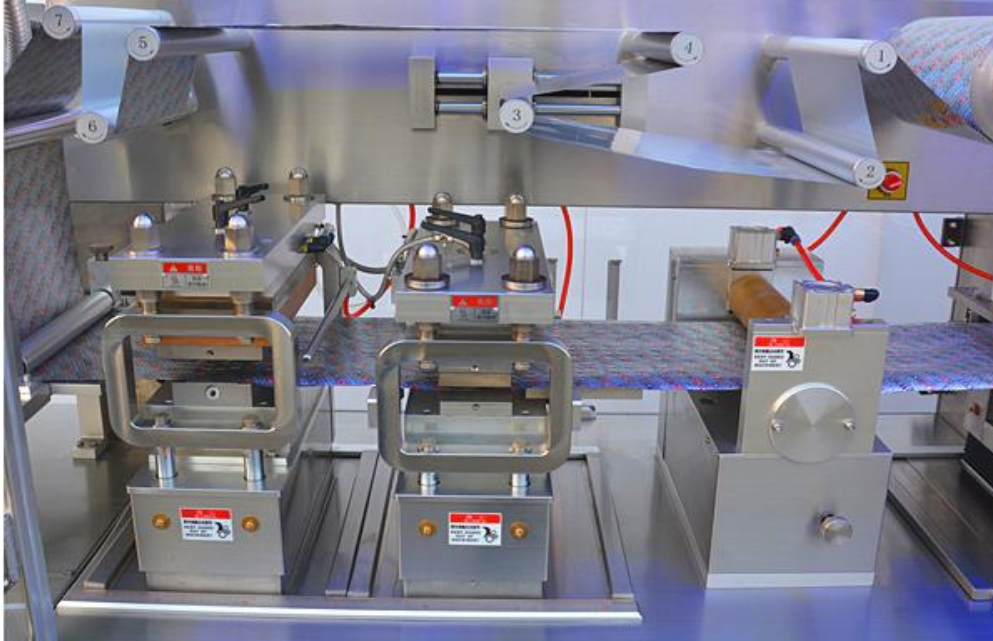
5. Integrated product inspection system with color camera can reject faulty blisters automatically (optional).



9. The lidding material loader adopts a fast lock mechanism, enabling replacement of lidding material easily within about 10 seconds.



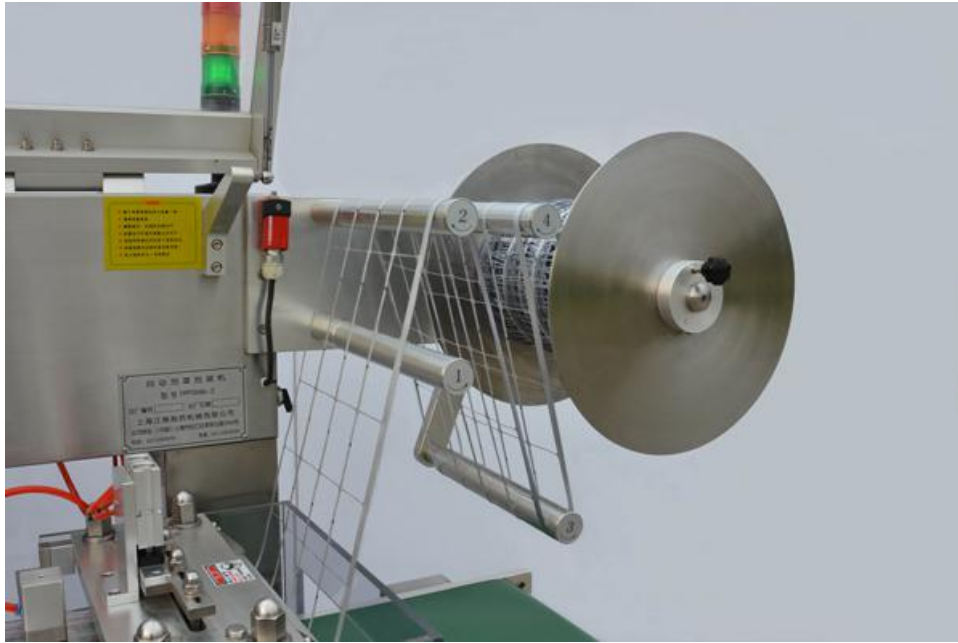
10. All of the guide rollers are labeled with a sequence number and placement direction, making it very easy to guide the film and lid foil through the machine.



11. 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.



12. 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.



13. The waste material winding mechanism.



14. The waste material trimming cutter (optional).



15. Pinhole detection system for quality assurance of blister packaging (optional).

Main Technical Parameters:

Max. Speed:	alu/alu 40 punches/min. alu/pvc 70 punches/min.
Max. Output:	280 blisters/min. (alu/pvc blister size 57× 80mm)
Max. Forming Area:	245×152mm
Max Forming Depth:	12mm
Material:	Max. width 260mm
Machine Power:	9.6kw
Machine Dimension:	4 stations: 4500×740×1700mm 5 stations: 4800×740×1700mm
Machine Weight:	4 stations: 2000kg 5 stations: 2200kg

DPP-260Ki-2 CONFIGURATION LIST

No	Name	Model	Qty	Manufacturer	Note
1	Touch screen	GP4301TW	1	Pro-face (Japan)	Colorful Screen
2	PLC	CPU226CN	1	Siemens (Germany)	
3	Simulative quantity module	EM232	1	Siemens (Germany)	
4	Temperature module	EM231	1	Siemens (Germany)	
5	Communication module	EM222	1	Siemens (Germany)	
6	Transducer	VLT2822(3P380V)	1	DANFOSS (Denmark)	
7	Electromotor	YX3-100L1-4 / 2.2KW	1	Lichao	
8	Servo Driver	SGDV-5R5A01A/750W	1	YASKAWA (Japan)	
9	Servo Motor	SGMAV-08ADA61/750W	1	YASKAWA (Japan)	
10	Switch power supply	NES-100-24	1	Mingwei (Taiwan)	
11	Approach switch	PRL12-4DN	4	Autonics (Korea)	
12	Thermocouple	K-3.5 M	2	Yuyao (China)	
13	Thermocouple	K-2.5 M	2	Yuyao (China)	
14	Buzzer	BJ-1 DC24V	1	Nanzhou (Zhejiang)	
15	Solid-state relay	XBPE-4050C	4	Crydom (America)	
16	Small relay	ZY2N/DC24V	15	APT (belong to Siemens)	
17	Relay base	SYF08A	15	APT (belong to Siemens)	
18	Button	LA42P-10	2	Tianyi(China)	
19	Emergency stop button	LA42J-10	2	Tianyi(China)	
20	Circuit Breaker	5SJ61-C6/1P	1	Siemens (Germany)	
21	Circuit Breaker	5SJ61-C16/1P	4	Siemens (Germany)	
22	Circuit Breaker	5SJ63-D25/3P	1	Siemens (Germany)	

