

DPH380D-DXH400D High-speed Blister Packaging and Automatic Cartoning Production Line



This production line is suitable for high-speed aluminum-plastic packaging of medicines, especially capsules, tablets, and sugar-coated tablets. It automatically detects rejects, and intelligent robots automatically queue and transfer to the high-speed automatic cartoning machine silo. It is packed in a carton with instructions and sealed in a box and marked with a batch number. The whole process is fully automatic packaging, which can reduce the site and save labor. The high automation and cleanliness are more in line with GMP requirements.

Technical characteristics:

1. Using DPH-380D high-speed blister packaging machine can perform high-speed aluminum-plastic, aluminum-aluminum packaging for various regular medicines, including high-speed automatic feeding, and high-speed detection and rejection.
2. Based on the consumable material-saving die-cutting and servo-synchronized conveyor belt medicine-plate queuing technology, 400 plates (plates 90 * 57) are die-cutting per minute and are stably transferred by the tracking robot to the cartoning machine conveying station. It can ensure the stability of the medicine board transportation process without collision, and save about 400,000 consumables each year.
3. Use DXH-400D automatic cartoning machine to achieve high speed matching.
4. High-end full-servo blister packaging machine and automatic cartoning machine can be selected, and the main motor is a servo motor, which is an economical solution that can be synchronized with the robot.

Technical Parameters

DPH-380D high speed blister packaging machine		
Project		parameters
blanking speed (Standard Version 90mm & (57mm)		80-140 times / min online speed
production capacity		version 240-400 / min
optional range of feed stroke		20-120 mm
forming area		370X240mm
forming depth		≤13mm
packaging Material	medical PVC	0.25X380mm
	aluminum foil PTP	0.02X380mm
gas consumption		≥30 m3/h
compressed air pressure		0.6-0.8 Mpa
power supply and total power		three phase five wire 380V 50Hz 30KW
overall dimension (length x width x height)		4050x1030x1750mm
weight		3500Kg

DXH-400D high speed box loader		
Project		parameters
loading speed		100-400 boxes / min
block size (L * w * h)		(65-105) * (30-70) * (4-12) mm
carton size (L * w * h)		(90-170) * (35-85) * (15-50) mm
instruction size (L * w * h)		(100-320) * (100-210) mm
gas consumption		≥2 m3/h
compressed air pressure		0.5-0.7Mpa
power supply and total power		three phase five wire 380V 50Hz 10kw
overall dimension (length x width x height)		5300x1700x1750mm
weight		5500Kg