

Cardboard Packing Machine NKP2812(BZL2800)



Automatic width measurement, automatic height measurement, automatic long side banding, automatic short side banding, automatic glue spraying

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3-year warranty*
ensuring no hassle
and unforeseen costs



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Description

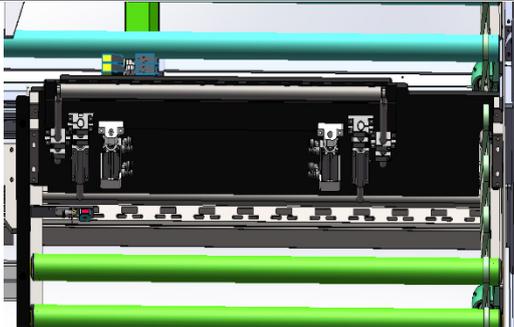
- Roller non-stick processing.
- Servo motor fully automatic and adapt to different specifications of products.
- Ultra-high speed electric spray gun spray glue to ensure the perfection of the carton.
- All steel beamstructure, stable and reliable performance.

Details

1. Equipment Features

<p>All-steel beam frame: Laser cutting, welding, annealing, CNC processing</p>	
<p>Front feeding roller: Used for feeding and conveying packages, the roller paper cutting is a hot-dip galvanized tube with rubber coating on the outer surface, and is driven by an elastic belt, with a simple and efficient structure.</p> <p>Power: 1.5kw gear reduction motor x1</p>	
<p>Front feeding width measurement: Measure the width of the incoming packages and adjust the width of the middle active part of the rear section appropriately</p> <p>The servo motor is equipped with an encoder, which ensures precise start and stop positions and accurate width values.</p> <p>Power: 1.8kw servo motor x1</p>	
<p>Front feeding height measurement: Displacement sensor with high measurement accuracy Pressure regulating valve controls down pressure</p>	

<p>Long side glue spraying device: Fixed glue gun installation method, stable and efficient Guide tube gland, no action required, simple and reliable</p>	
<p>Middle roller line section: Used for mid-section transport of packages, a combination of Teflon rollers and ordinary hot-dip galvanized tube rollers, elastic belt transmission, simple structure and high efficiency Power: 1.5kw gear reduction motor x1</p>	
<p>Middle section activities: The conveyor belt provides lateral pressure and forward momentum to the package The servo motor automatically adjusts to suit different package widths Power: 1.8kw servo motor x1 0.55kw worm gear motor x1</p>	
<p>Side sealing box tensioning part: 12 tension wheels provide lateral pressure on the package to ensure the sealing effect of the long side Pressure regulating valve for lateral pressure regulation</p>	
<p>Pressing belt mechanism: The conveyor belt provides downward pressure and forward momentum to the package The servo motor automatically adjusts to suit different package heights Power: 1.8kw servo motor x 1 0.55kw worm gear reduction motor</p>	

<p>Pressing mechanism: The fixing mechanism presses the package tightly, and the pressing mechanism seals the short side. The pressure regulating valve adjusts the downward pressure of the fixing mechanism</p>	
<p>Glue spraying transmission mechanism : The mechanism with two glue gun heads sprays glue on the front short side and the back short side Power: 1.3kw servo motor x 1</p>	
<p>Short side baffle mechanism: The cylinder drives the baffle to rise, blocking the package and making the package stop at the correct position. There is a blocking mechanism at the front and back to position the front short side and the back short side respectively. The baffle is sprayed with Teflon and the hot melt adhesive is easy to clean</p>	
<p>Rear outfeed roller: The combination of rubber-coated roller and Teflon roller, Teflon roller is installed at the glue spraying position to ensure that it does not stick to the glue, and rubber-coated roller is installed at the discharging position to ensure that the discharging has better friction and the package will not get stuck. Power: 1.5kw gear reduction motor x2</p>	
<p>Hot melt adhesive machine: Use the finished hot melt glue machine, modular, only need to connect the signal with the control system of the carton sealing machine Easy to add glue</p>	

<p>Touchscreen Controls: Self-developed operating system with good openness and operability</p> <p>10.1-inch industrial touch screen</p>	
<p>Electrical equipment: Power supply: 380V, 50HZ Low voltage components: Schneider/Honeywell</p>	

2. Equipment hardware parameters

	content	Hardware Parameters
1	Body	Large gantry CNC high-precision machining of all-steel beams
2	Roller	Non-stick process
3	Glue machine	Spanish MELER glue machine
4	Glue gun	Ultra-high-speed electric spray gun
5	Measurement	Tie rod linear displacement sensor
6	Control system	German Siemens PLC
7	Low-voltage electrical appliances	France Schneider
8	Pneumatic components	AirTac
9	Servo motor	Inovance

3. Equipment technical parameters

	project	parameter	Remark
1	Equipment size	10500*2300*1800mm	/
2	Packaging speed	5-8 pcs /min	/
3	Connecting the load	13KW	/
4	Rated current	34A	/
5	Rated air pressure	0.6Mp, flow rate 20-100L/min	/
6	Control voltage	24VDC, direct current complies with	/
7	Operating voltage	380V/50Hz/three-phase	/
8	Sealing length	300~ 2900mm	/
9	Sealing width	180 ~ 1200 mm	/
10	Sealing height	30-150mm	
11	Main framework	Large gantry CNC machining	/
12	Corrugated paper	2.5 to 7 mm	/
13	Auxiliary framework	Q235A	/
14	Aluminum profiles	6061 aluminum	/
15	Equipment weight	≈3.8T	/

*Thanks for the attention!

The company continuous to improve the product specifications and design details, the specifications are subject to change without notice. 250805