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SINOLEADER

Technical specifications

No.: SNLD-T2918/YTL Customer Name:

Date: 2023-03-09

JMJ Series Ring-shape Filming Wrapping and Packing Machine

1. Features of MJM series film wrapping and packing machine:

PVC and PE film are used to wrap the ring shape cable coil at high speed.

Equipped with touch screen interface (human-machine interface), which is easier to operate mechanically.

Wire holding arm type, driven by DC motor, rotates smoothly.

The ring-shape microcomputer automatic packaging machine produced by our company is a computerized packaging machine with PLC automatic control system, which has high working stability and can record up to 99 different packaging specifications.

2. Application

Used to wrap the cable coil which is produced by automatic coiling machine

Coil size: see the last page for detailed specifications.

3. Mechanical equipment composition:

Human-machine interface -	one set
Packing ring (C-type ring)	one set
Packaging material feeding device	one set
Automatic holding arm mechanism	one set
Electric control part and operating system	one set

4. Detailed specification:

4.1 Automatic holding arm mechanism:

Adopt four groups of electric arm holding for adjustment, including coil outer diameter adjustment, winding center point calibration, it is convenient and fast. Four-axis dynamic line holding can ensure that it does not slip and run out of round. The overlapping degree of packaging belt can be adjusted.

4.2 C-ring type wrapping mechanism

The gauge belt drives the plastic steel gear, and then the plastic steel gear drives the C-ring directly. The C-ring will not slip and the packaging is stable without noise. C-shaped ring is made of special steel, with precise processing. The inner and outer rollers are coated with Euler adhesive with a hardness of 97 degrees to support the C-ring and make it move. The rotation keeps true circle, the C-ring is not worn, and the service life is long. Overload protection is installed. If the C-type ring is clamped, the motor is not easy to burn.

The new positioning system, regardless of high or low speed, always ensures accurate positioning.

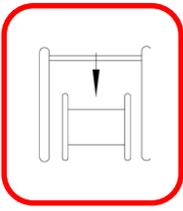
4.3 Control part:

The automatic packaging machine adopts PLC programmable automatic control system+ HMI operation screen, which can memorize 99 groups of different packaging specifications. When changing various specifications of the line, the machine is free of adjustment, and all data can be displayed on the man-machine interface screen at a glance. The electric control box and the operation panel are modular design, and the maintenance and replacement are simple and fast.

4.4 Cutter:

The pneumatic cutter system is used to automatically cut off the length of the set packaging material after coiling. The cutter body can be serrated or scissor type (selected/replaced according to different packaging material requirements) with sharp knife face, and the cutting belt is clean and can cut PVC, PP, PE film, woven and other packaging materials.

4.5 Clamping jaws:



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After the package is sent to the fixed point, it will automatically clamp and pull the tape. After winding for 1.0 circle, the gripper will automatically retreat. When the winding reaches the set initial number of circles (1.0~2.5 circles), the gripper will automatically release the tape, without any manual action, with high safety.

4.6 Tape feeding device:

Pneumatic clamping device, lock-free screw, quick tape change, more convenient for installation.

4.7 Motor:

C-ring wrapping mechanism : 1HP/2HP DC motor (rotating package).

Holding arm: 1/4 HP DC motor+1/20 reducer

4.8 Packing size

Model	Height (mm)	OD (mm)	ID (mm)	Coil weight	Material	
JMJ70	30~70	200~360	140	≤25KGS	PVC/PE	
JMJ100	50~100	220~460	150	≤35KGS	PVC/PE	
JMJ120	70~120	220~460	160	≤40KGS	PVC/PE	
JMJ140	70~140	300~600	180	≤100KGS	PVC/PE	
JMJ180	90~180	320~60	200	≤150KGS	PVC/PE	

