NRC150C Two Heads CNC Spiral Paper Tube Making Machine With Servo Motor

Function Description:
The design concept is simple, compact, and stable.

Reference for production applications :
Paper tubes for chemical fibers, various packaging composite cans, and various small industrial paper core tubes.
The production of spiral paper tubes is completed in one go, from gluing and winding to cutting as required.

Features:
1. The main body is made of heavy-duty steel plates, which are CNC cut and welded together. The frame is stable and not easily deformed, with little vibration.
2. The main drive adopts a hardened tooth surface full oil bath alloy spiral bevel gear drive , which has low noise, low heat generation, high speed and large torque.
3. The main motor adopts a vector-type high-torque frequency converter for speed regulation .

4. The CNC synchronous tracking shearing system is equipped with a cutting table driven by a precision ball screw and a high-performance servo motor.
5. Equipped with pulse length control and feedforward compensation function, it ensures consistent cutting length under different host operating speeds.
6. It adopts an imported PLC numerical control system to precisely improve overall efficiency .
7. Equipped with a new operation panel and a large-size color touchscreen human-machine interface.
8. The integrated paper feeder, glue feeder, and paper guide device form a single, interconnected unit, increasing efficiency by 60% .
9. Modular electrical layout design makes it more convenient and scientific to use, maintain and repair.

Technical parameters		**control system**	
Number of paper layers	3-16	PLC controller	Delta Electronics Taiwan
Maximum tube diameter	1 5 0mm	Human-computer interface	Color Touchscreen
Minimum coil diameter	20mm	Program version	HT/4.0
Maximum tube thickness	8mm	frequency converter	Delta Electronics Taiwan
Minimum tube thickness	0.5mm	Actuating devices (contactors, etc.)	Chint Group products from China
Core mold fixing method	Flange tightening	Signal components (photoelectric switches, etc.)	Omron products
Winding head	Second machine head single belt	pneumatic components	Hengyi Products
Cutting method	Dual-servo single-circular blade resistance-free cutting	Angle Adjustment Motor	Ka Shing
Glue application method	Single/double-sided adhesive	Synchronization control	X-axis servo screw, Z-axis servo screw
Fixed length method	Encoder pulse fixed length	Synchronous tracking pipe cutting system	Servo synchronous tracking cutting
Number of operators	1-2 people		
Tube speed	3-30 meters /minute	**Equipped with**	

Input power	380V Three-Phase Four-Wire Customization	Automatic pipe drop rack	have
Specifications and dimensions		belt diagonal	electric
Main unit dimensions: Length × Width × Height	4000mm × 2000mm × 1950mm	belt tension adjustment	Electric adjustment
Floor area: Length × Width	18m × 8m	Main unit swivel angle	electric
Wheel height	400mm	Automatic glue supply	pneumatic diaphragm pump
Minimum wheel track	750mm	Automatic paper tape lubrication	automatic
Maximum wheelbase	950mm	Tension Adjustment	Mechanical adjustment
Total mass	3200kg	Paper holder type	Overall paper frame
Main unit power	1.5KW	**Included accessories**	
Wheel hub speed	47r/min	Mandrel	1 item