

## Description

- Main features

The frequency conversion motor driver paper cutting machine, the machine by PLC programmable controller centralized control operation, optional touch screen interface, show that all function data, make the operation more easy and convenient.

Full automatic proximity detection, appear wire fault, no paper, card leave pressure to stop, reduce the waste of paper.

Set up perfect power alarm bell alarm system, Prompt the operator to leave a security zone, turn the machine more security, reduce injury rate.

4 volumes atomic rack using automatic tension control system, Avoid unstable tension caused by change of diameter size of the volume, Hence the paper wrinkled, too much paper, length and other defects, greatly simplifying the complexity of the operation and improve the production efficiency and reduce reject rate.

A complete set of electrical components are imported products, greatly enhancing the electrical system stability, lower maintenance and overhaul frequency and difficulty.

By numerical control "processing center" precision machining frame and some components, ensure the precision of the critical, ensure the stability of the machine, and long-term fast operation.

Conveyor belt use German west green brand, ultra high strength, make its service life is higher, make consumable become no longer consumable, paper conveying more smoothly and mechanical operation more quickly.

360°cantilever system, can be in cantilever length, use touch screen to the whole machine are manipulated, greatly enhancing the convenience of operation and work efficiency.

High efficiency and energy saving of import Yaskawa servo motor drive high copy paper packaging machine, improving the efficiency, reduce the production cost.

packaging machine concentrated lubrication control system: main transmission parts to be automatic lubrication, prolong the using precision and machinery life.

Unique high pressure blower which amended waste paper edges feature more stable, without plugging paper phenomenon; Humanized paper Waste discharge function, reduce the waste, improve work efficiency, Exclusion caused by manual waste discharge damage, and increase the service life.

Transmission system: use of high torque synchronous belt, and to reduce the noise pollution and improve the maintenance convenience; Excellent import NSK bearings, reduce the machine runs at a high speed of shock and the noise, guarantee the stability of the cut paper, packaging.

Keep the most strict European CE certification of the safety regulations, bright and clean and bright organic glass cover, effectively guarantee the safety of operators, and prevent sundry fall into the machinery and cause damage inside.

provide long-term and perfect technical training, as well as fast, up to a year of free maintenance, to ensure that customers can fully in copy paper production technology, Full effectiveness of copy paper production line.

- Local features

Automatic tension controller: make the paper through the sensor, automatically give feedback to the PLC control system it's means automatically generate brake load, increase or decrease in tension, can achieve automatic control paper tension.

5 slitting knife set

On top of Slitting knife for pressure and spring cooperated load, below the knife transmission, the diameter  $\Phi$  200 air pressure and spring action, the top of circular knives by the Japanese SKD material production, below the knife  $\Phi$  200 with Synchronous belt drive, below circular knives for 5 groups, and each one group of two blade, i Produced by the imported material SKD.

Up and down of the double-rotary knife group

Import advanced processing center precision processing spiral groove, high accuracy, good stability, cutting paper without flash; High quality gear box, using no clearance design gear, meshing low noise, long service life than traditional gear box a times; Good gray iron casting (HT250) casting and the car wall and support, after the aging treatment, then by the import of large-scale three-dimensional machining center and into, precision grade the demand is high, the error of the processing more small, the machine's operation more stable and reliable.

Transportation department

Import of conveyor belt with the rational structure of winding layout, effectively reduce the blocking paper phenomenon.

Have the patent front paper delivery agencies

The use of servo motor linkage, high precision, compact structure, easy to adjust; The ball screw elevator control frequent operation of the lift platform, Lift quickly, running low noise, convenient in maintenance, Unique all-round neat paper institutions, use three side of paper, one side vibration way, make paper is flat and level, reduce scrap rate picks.

Has many patents packing paper cutting machine

The United States banner color code tracking system, reliable detection low contrast color code; the top of knife fixed, the below knife cut from the bottom up way to swing, cut paper crisp and not adhesion; Suction style on the packing paper conveying system, avoid the spray adhesive, or glue dropping cause the pollution of conveyor belt, no often clean the burden of conveyor belt, and does not affect the paper transmission.

Make packaged department

Import processing center precision machining CAM, and the mixed with carbon, use high life, stable operation; Part of the workpiece surface is Teflon coated, not viscose, not often clean the worrying; Adjustable packing method, be competented for the A3, A4, B4, B5 etc of different packing paper, and improve the ability of new orders and no worries .

The United States NuoXin spray adhesive system

The world's top excellent quality, Perfect finish of PLC to the tasks, Amount of adhesive used province, improve the economics, Complete global service, allowing you to use no worries.

Packaging after leveling device

Adjustable spring negative pressure on both sides of the conveyor belt, good leveling on both sides of the finished product, Improves appearance. flatness, firmness, increase the competitiveness of the products.

## Specifications

Working width	gross width: 846mm net width:840mm
Diameter of winding shaft"	max1200mm; min600mm
Paper quality class	Advanced paper, such as Advanced copy paper, Advanced writing paper, etc.
Paper length	This paper cutter is designed to process A4 paper, and the longer edging of the A4 paper is 297mm
Production speed	max 0-200m/min (can be changed according to different kinds of paper)
Paper output capacity	24 reams/min
Precision of paper cutting	Permissible error:±0.2mm
Transmission	AC frequency conversion stepless speed adjusting
Control voltage	220V AC/24V DC
Compressed air consume	300NL/min
Cutting-edge	max10mmx2,min 3mm
Packaging specifications	210*297*50mm By A4 copy 500 pieces
Compressed air	0.6mpa
production line motor power	75KW
Cutting times	4—A4 and the shorter edge is 210mm,cutting length 297mm
Diameter of winding shaft core:	3"(76.2mm)、 6"(152.4mm)the requirements of customers
Weight scope of paper	60-100g/m <sup>2</sup>
Ream paper	500 pages and the maximum height of ream paper is 65mm
Cutting times	600 times/min
Paper cutting load	max:400g/m <sup>2</sup> (4x100g/m <sup>2</sup> )
Paper cutting condition	1.A uniform speed 2.No break of winding shaft 3.all the webs of paper shall be cut in one time 4.the paper shall be qualified
Main power supply	3x380V 50HZ
Cutting machine installed capacity:	50KW
Compressed air pressure	6bar
Security	Designed in accordance with the national existing security

	standards
Web outsourcing feed paper automatically crosscutting functions	3-80 pieces/min
Gluing power	3.7kw
Paper specifications(lengh*wide)	550-560*386mm
production line weight	22 T