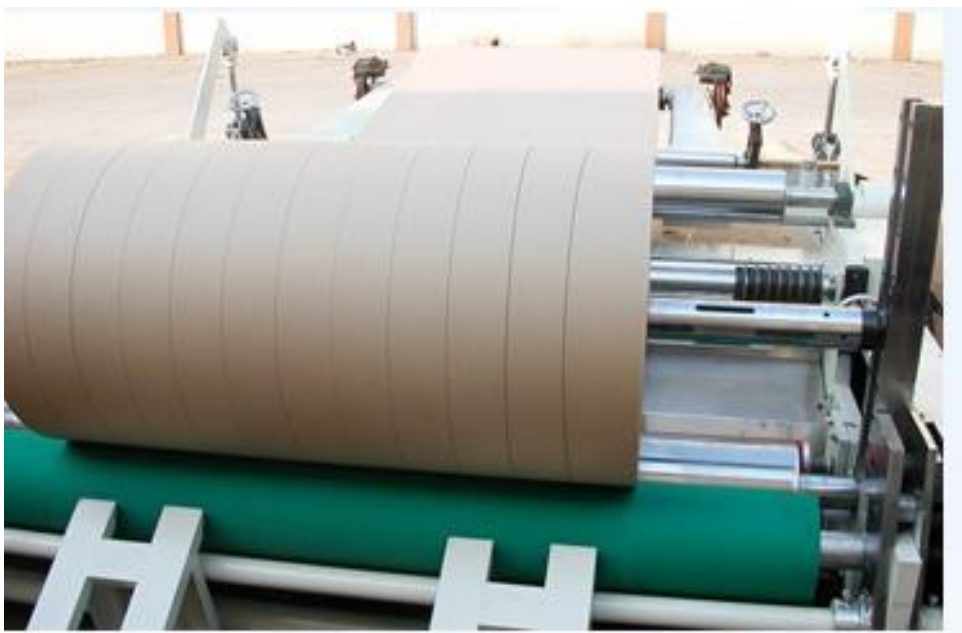




瑞安新科机械有限公司
Ruian Xinke MACHINERY CO.,LTD
Add:Ruian City ,Wenzhou City, Zhejiang Province ,China
XK-High Speed CNC slitting machine
新科高速数控分条机



Hydraulic shaftless support 液压无轴支架





瑞安新科机械有限公司

Ruian Xinke MACHINERY CO.,LTD

Add:Ruian City ,Wenzhou City, Zhejiang Province ,China

High speed slitter 高速分条机

Technical parameters (技术参数) :

技术参数		Technical parameter	
原纸宽度	1600-800 (mm)	Parent roll width	1600-800 (mm)
收卷直径	Φ1300 (mm)	Rewind diameter	Φ1300 (mm)
最大收卷直径	Φ1300 (mm)	Max Rewinding Diameter	Φ1300 (mm)
分切宽度	>40 (mm)	Slit width	>40 (mm)
纠偏精度	<0.1 (mm)	Slitting Precision	<0.1 (mm)
原纸克重	80-600g	Paper model	80-600g
主功率	11kw	Power	11kw
上纸方式	液压无轴支架	Paper on the way	Hydraulic
刹车方式	双气动刹车	Brake	Double Pneumatic
下纸方式	液压	Unload	Pneumatic
分切速度	200m/min	Speed	200m/min
操作人员	1	Operator	1
重量	4000KG	Weight	4000KG
机器尺寸	3.5m *3m *1m	Overall dimensions (L×W×H)	3.5m *3m *1m

主要配置单 Main Configuration List

纠偏控制器 Web Guide Controller	自动纠偏 automatic edge alignment
电器 Electrical Appliance	国产 China
气动元件 Pneumatic Component	国产 China
PLC 控制 PLC Controller	台湾台达 Taiwan Delta
触摸屏 Touch Screen	昆仑通泰 KUNLUN TONGTAI
主电机 Main Motor	国产 China



瑞安新科机械有限公司

Ruian Xinke MACHINERY CO.,LTD

Add:Ruian City ,Wenzhou City, Zhejiang Province ,China

变频器 Inverter	台湾台达 Taiwan Delta
传动方式 Drive Mode	同步带 Synchronous Belt
张力调节 Tension Adjustment	气压调节 Air pressure regulating
计米器 Meter counter	有 Yes
应用工具 Tool Box	一套1 set

机器配置 Configuration

A. Operation control mode (操作控制方式):

Whole machine control mode(整体控制方式)

B. Unwinding Unit (放卷单元):

1: Unwinding maximum diameter: 1300mm hydraulic lifting

放卷最大直径: 1300mm 液压升降

2: Unwinding tension control mode: Pneumatic brake

放卷张力控制方式: 气动刹车

3: Loading and unloading method: 3 inch full air shaft loading and unloading

装卸料方式: 3 英寸全式气涨轴装卸料

4: Web Guide system: automatic edge alignment

纠偏系统: 自动纠边

C. Rewinding Unit 收卷单元:

1. Maximum rewinding diameter: 1300mm

收卷最大直径: 1300mm

2. Method of loading and unloading: front and back loading and unloading

装卸料方式: 前后收放料

3.Rewinding and pressing method: Inflatable chain type

收料压料方式: 气胀链条式

4.Double roll central rewinding

双辊中区收卷

D. Slitting Unit 分切单元:

1. Blade 10 pieces 圆刀 10 把

E. Main Drive 主驱动:

1. Structure: traction Traction 1 steel roll +rubber roll .Traction 2 steel roll

结构: 牵引壹钢辊加胶辊、牵引贰钢辊

2.Transmission mode: motor active traction, synchronous belt asynchronous servo motor 7.5KW

传动方式: 电机主动牵引、 同步带异步伺服电机 7.5kw

3.synchronous belt 同步带

4.Feeding roller: aluminum guide roller

过料辊: 铝导辊

5.PLC control: 7 inch touch screen



瑞安新科机械有限公司

Ruian Xinke MACHINERY CO.,LTD

Add:Ruian City ,Wenzhou City, Zhejiang Province ,China

PLC 控制 7 英寸触摸屏

6. Voltage:3-phase 4-wire 380V

电压 3 相 4 线 380V

F. Additional Unit 附属单元:

1. Scrap material blowing device 废料吹送装置
2. Work protection device 工作防护装置

Mechanical description (机械说明) :

High speed CNC slitting machine is to cut wide rolls such as kraft paper, bobbin paper and printing paper into various narrow rolls suitable for production according to different needs in the production process. The slitting process includes two processes: unwinding and rewinding. The tension control of unwinding and rewinding is the key link of slitter. It is equipped with automatic edge alignment, automatic edge correction and automatic knife adjusting positioner control, which achieves the ideal effect, improves the working performance of the machine, makes the machine more stable in high-speed operation, flat winding, simple and convenient operation, safe and reliable, and strong durability. Its features are: Hydraulic non axis paper frame, convenient and fast paper loading. (高速数控分条机是在生产过程中根据不同需要而对牛皮纸、纱管纸、印花纸等宽幅卷材分切成各种适合生产需要的窄幅卷材,分条工艺包括放卷料和收卷料两个过程。放卷料和收卷料的张力控制是分条机的关键环节。安装有自动对边、自动纠边、自动调刀定位器控制,达到了理想的效果、提高了机器工作性能,使机器在高速运转中更趋稳定,收卷平整,操作简单方便,安全可靠,耐用性强。其特点有:液压无轴纸架,上纸方便、快捷。)

1. The wall panel arm is welded with thick steel plate to form a firm and balanced angle, so that the machine can rectify the deviation smoothly and accurately at high speed. (采用墙板支臂均厚钢板焊接而成牢固、角度平衡,使机器在高速工作状态下平稳液压纠偏,精度高。)

2. The whole machine is made of chrome plated steel pipe, the surface is grinded, and each of them is subject to dynamic balance treatment. (整机采用镀铬钢管,表面研磨,每根经过动平衡处理)



瑞安新科机械有限公司

Ruian Xinke MACHINERY CO.,LTD

Add:Ruian City ,Wenzhou City, Zhejiang Province ,China

3. The unwinding adopts 3-inch cone-shaped bottom head clamp, no shaft unwinding, the maximum unwinding diameter can reach 1300mm, equipped with automatic edge alignment, automatic edge correction, automatic knife positioning device, and standard configuration of manual oil pressure tension control. Higher requirements can be configured with automatic magnetic powder tension controller. (放卷采用 3 英寸锥底头夹料无轴放卷，最大放卷直径可达 1300mm，配有自动对边、自动纠边，自动调刀定位装置，标准配置手动油压张力控制。更高要求可配置磁粉自动张力控制器。)

4. The reeling adopts 3-inch inflatable reels and tension controller. The slitting operation is simple. The maximum reeling diameter can reach 1300mm. The reeling is beautiful and tidy. (收卷采用 3 英寸气胀卷轴与张力控制器收卷，分切操作简单，最大收卷直径可达 1300mm；收卷美观整齐)

5. The cutter is designed with face cutter and bottom cutter, adjustable cutter between 30mm-1600mm (special custom-made 10-1600mm). (切刀使用面刀和底刀双刀设计，30mm-1600mm 之间可调式刀具(特殊订做 10mm~1600mm))

6. The stepless speed change system of frequency converter is used for the main shaft and the round cutter; the speed control system of frequency converter is convenient and simple by manually adjusting the speed of the machine. PLC digital control, touch screen set mass production (主轴与圆刀使用变频器无级变速系统；变频器调速系统，使用时通过人工调节机器的速度，方便简单。PLC 数字控制，触摸屏设定批量生产)

7. Adopt precision ball screw and slide rail, advance cutting width in parallel, adopt servo motor adjustment system to adjust and control cutting speed steplessly, so as to achieve high precision cutting, and the accuracy can be controlled at 0.1mm. (采用精密滚珠丝杆及滑轨，平行推进切割宽度，采用伺服马达调整系统无级调整和控制切割速度，从而达到高精度切割，精确度可控制在 0.1 毫米)

8. Taiwan delta frequency converter, Kunlun Tongtai touch screen, Taiwan Delta PLC. Transmission bearing Japanese Nichi bearing and domestic famous Harbin Bearing and other high-grade accessories ensure the quality.(台湾台达变频器，昆



瑞安新科机械有限公司

Ruian Xinke MACHINERY CO.,LTD

Add:Ruian City ,Wenzhou City, Zhejiang Province ,China

仑通泰触摸屏，台湾台达 PLC。传动轴承日本 NICHII 轴承和国产名优哈尔滨轴承等高档配件保证质量。)

9. Chinese and English operation interface, which can directly input 8 cutting width and quantity settings, and has manual / automatic conversion function, making the operation more simple and convenient.(中英文操作界面，可直接输入 8 种裁切割宽度和数量设定，并设有手动/自动转换功能，使操作更加简单便捷)

10. Adopt the design of fast discharging, adopt the pneumatic tension control for feeding and discharging, unload paper by air cylinder, reduce the working intensity. Only one action is needed to complete it, effectively reducing the amount of labor in production, so as to improve production efficiency(采用快速放料设计，上料下料采用气动张力控制，气缸卸纸，减轻工作强度。只须一个动作即可完成，有效降低生产中的劳动量，从而提高生产效率)