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Zonten reserve the right on technical characteristics without further notice.

This is just
—
the beginning

未来的竞争武器

ZONTER

浙江中特

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ZONTEN

上海中天科技

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zhejiangzhongte



官方网站
www.ztyj.cn



抖音账号
zhejiangzhongte

为标签、包装、软包装行业
提供多工艺组合
智能印刷解决方案

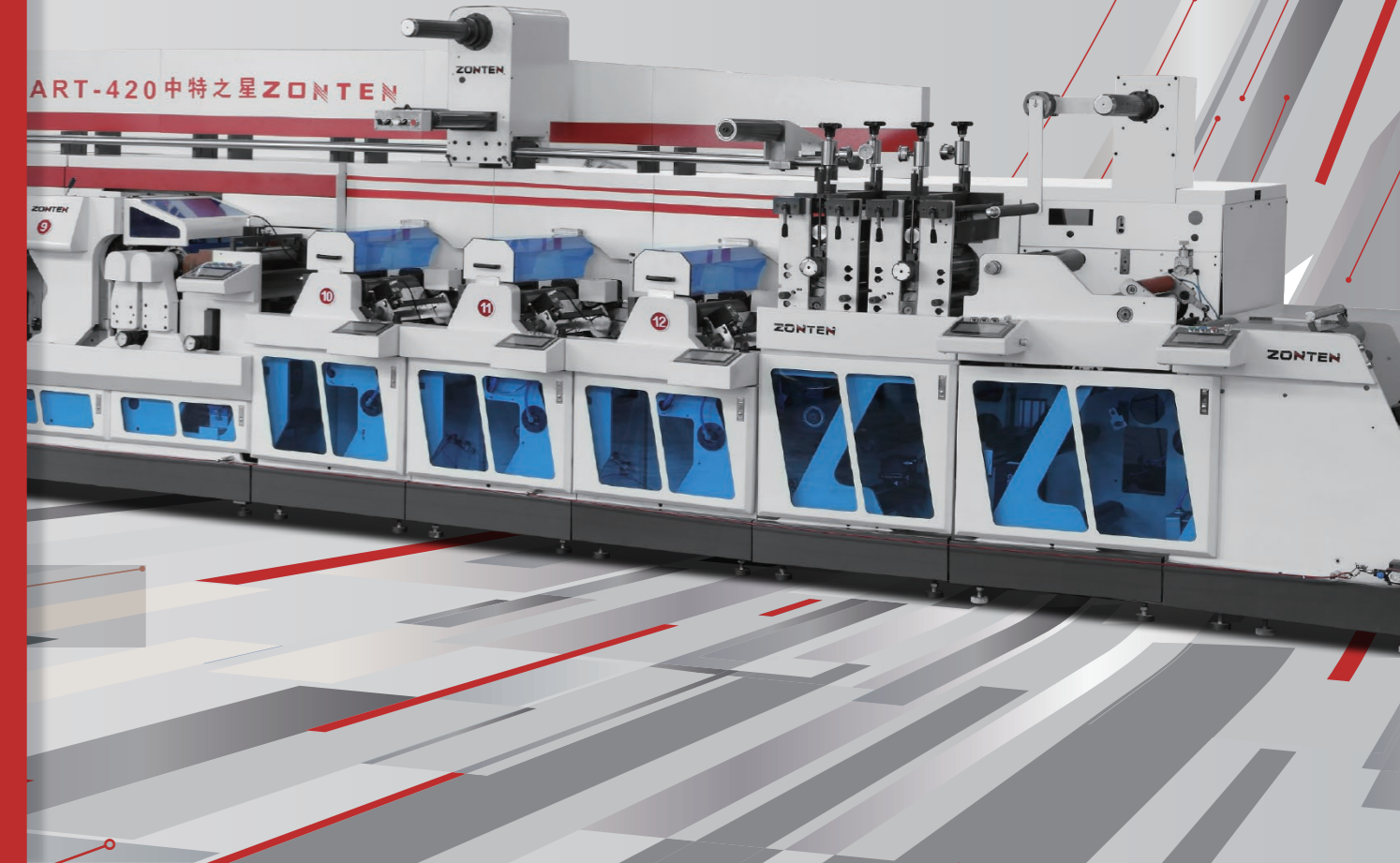
To Provide Multi-process
Combination Intelligent Printing
Solution For Label, Packaging
and Flexible Packaging Industry.

21TH

21年工匠精神专注于印刷设备制造，
匠心品质助您创造价值

ZONTER
浙江中特

ZONTEN
上海中天科技



为标签、包装、软包装行业 提供多工艺组合智能印刷解决方案

To Provide Multi-process Combination Intelligent Printing Solution For Label, Packaging and Flexible Packaging Industry.



正在建设的现代化工厂



浙江中特机械科技股份有限公司是一家专业研发、制造及经营标签、包装印刷设备的企业。 Zhejiang Zhongte Machinery Technology Co.,Ltd is an enterprise who specialized in developing,producing and sales label , packaging printing machines.

公司是通过新标准认定的国家高新技术企业、国家火炬计划项目承担企业、浙江省装备制造业首台（套）产品企业、瑞安市高成长型工业企业，荣获2020年“浙江制造精品”。公司重视引进国际拔尖人才，技术力量雄厚，凭借全球化市场的营销网络，依托高端科技力量，坚持“以科技领先、创民族品牌”的发展战略，自强不息，使公司成为中国印刷机械行业的知名企业。

ZONTER recognized as national high-tech enterprise through new government standard, the enterprise for State Torch Projects, first set of products enterprises in Zhejiang equipment manufacturing industry, Ruian high growth industrial enterprise and we won the "Quality Product of ZHEJIANG Made" in 2020. Company emphasis on the recruit of the international top-notch people and has abundant technical power. Based upon global sales and marketing network, relying on the strength of high-tech and adhere to the development strategy of "Be a science and technology leader, create the national brand", ZONTER became a well-known Chinese enterprise in printing machinery industry.



中特公司历来重视技术创新，重视知识产权，拥有较强的研发能力。

Zonten always understands the importance of technology innovation, focuses on intellectual property rights and has a strong capability on R&D.

近年来，自主研制了新一代间歇式-全轮转两用标签印刷机、多功能间歇式PS版印刷机，多功能机组式柔版印刷机，获得了国家专利十五项，多次获得浙江省机械工业科技奖，列入国家重点新产品计划项目，取得了令人瞩目的成绩。我们的主要产品有：卷筒纸多功能PS版标签印刷机系列、环保型柔版印刷机系列、树脂版高速标签印刷机系列、标签模切机、标签分切机，全自动检标机等。

In recent years, we have developed new generation of dual function of intermittent and full rotary letter press, a multi-function modular flexo printing press and intermittent offset printing press. We were granted for 15 national patents and also had won Technology Award of Zhejiang Machinery Industry several times which is a remarkable achievement. Our main products: intermittent offset printing press, flexo printing press, high-speed fully rotary letter press printing machine, label die cutter, label slitting and rewinding machine, label inspection machine, etc.

公司实行规范企业现代化管理和信息化管理。

The company implements modern enterprise management system and information management system.

已通过ISO9001:2000国际质量管理体系认证，欧盟安全标志产品CE认证，目前已全面实行ERP管理和现场6S管理，全面贯彻以“赢在品质，胜在专业”的经营理念，使产品畅销全国，出口欧洲、南美、中东、东南亚等一百多个国家和地区。

Zonten has passed the authentication of ISO9001: 2000 quality management system, and passed CE certificate for EU countries. We are now fully applying ERP management and 6S management systems. Zonten holds the managing philosophy of "Win with quality and success by professionalism". Our products are sold well in domestic market and exported to more than 100 countries and regions, such as Europe, Asia, Middle East, South America, and etc.

15+
Patent
发明专利

20+
Countries and regions
设备销往20多个国家和地区

18
Equipment
设备

200+
Service personnel
服务人员

面对日新月异、激烈竞争的市场。

Confronted the fierce market competition, goal of ZONTER is to create the top organization.

公司以“创一流企业、创一流品质、创一流服务”为目标，秉承“以诚信为宗旨、以质量为生命”的方针，发扬“求真、务实、重才、诚信、创新、坚持”的精神，为中国不干胶标签印刷业的发展而不懈努力。

Excellent quality and perfect service and try to be the best. ZONTER upholds the people-oriented policy to sprit high efficiency. value the talents and show trust worthiness. The people in ZONTER work hard for the development and prosperity of Chinese self-adhesive label printing industry.

为标签、包装、软包装行业 提供多工艺组合智能印刷解决方案

To Provide Multi-process Combination Intelligent Printing
Solution For Label, Packaging and Flexible Packaging Industry.



Solutions For You Want

量身定制的解决方案

Meet your various needs

- The first step to win customer satisfaction is to understand customer needs. For this reason, when we undertake new customers, we must first listen to the needs of customers completely and accurately.
- Continuous innovation of technical knowledge and the innovative ability of our entire corporate team provide a strong guarantee for us to have the best customer positioning, tailor-made products and market-oriented solutions.

● SMART-420/560/680	Multi-function Combination Web Printing Press 全新的旗舰型组合印刷机——中特之星	05
ZTJ-330/520/680	Intermittent Offset Label Presses 多功能间歇式PS版标签印刷机	11
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满足您的各种需求

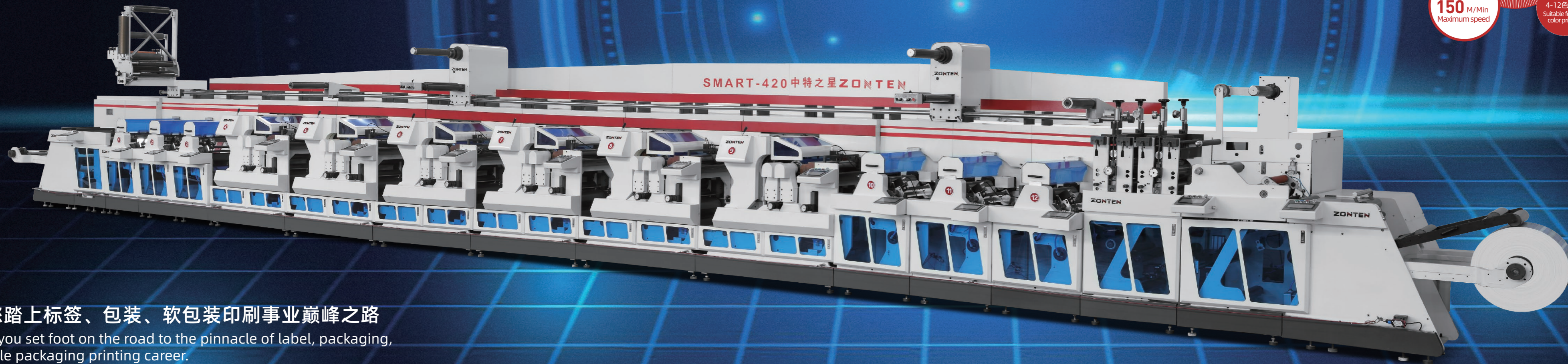
- 赢取客户满意度的第一步就是理解客户需求。为此，当我们承接新客户的时候，首先要完整而准确地倾听客户的需求。
- 不断革新技术知识和我们整个企业团队的创新能力为我们具有最佳客户定位、量身定制的产品和以市场为导向的解决方案提供了强有力的保证。

● LRY-320/470/650	Stacked Flexographic Presses 层叠式柔版印刷机	31
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FQ-320/450/520	Exquisite High-speed Label Slitting And Rewinding Machine 高速标签分切机	35
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SMART-420/560/680 Series
Multi-function Combination Web Printing Press
 全新的旗舰型组合印刷机——中特之星

未来的竞争武器

The competitive weapon of the future



行业首发
Industry debut

最高速度
150 M/Min
Maximum speed

适用于
4-12色印刷
Suitable for 4-12
color printing

助您踏上标签、包装、软包装印刷事业巅峰之路

Help you set foot on the road to the pinnacle of label, packaging, flexible packaging printing career.

SMART-420/560/680 Series

Multi-function Combination Web Printing Press

全新的旗舰型组合印刷机——中特之星

Use

The machine suitable for several substrate material include sticker ,card board , foil , film and etc. It adopt inline modular combination method ,can print from 4-12 color. Every printing unit can achieve one of the printing type include offset, flexo , silk screen, cold foil .

Adopt servo motor control, automatic register system and pre register system to guarantee steady register in highspeed state 150M/min, Machine has second pass sensor and turn bar function , high printing quality and steady printing register , it's an ideal printing machine for all kinds of middle - high quality daily use chemical , wine label, medicine label , packaging and sticker .

Features

Inline combined printing technology which included offset printing ,flexo printing , silk screen ,cold foil stamping , lamination and etc . Each function can combined by different printing requirement to achieve all kinds of label printing.

Large printing area 410x635mm , the max printing repeat can reach 635mm ,Max speed can reach 150 m/minute , it's the best printing solution for big quantity order and big label .

The range of printing material widely, include paper , sticker , OPP , Bopp, pvc , foil, the thickness of substrate from 0.04mm (film) -0.35mm (cardboard) .

功能用途

该机适用于印刷不干胶、铜版纸、卡纸、铝箔等承印材料，该机采用机组式模块组合方式，可用于4-12色印刷。每个色组均可在胶、柔、丝、冷烫中任意选择一种印刷方式。

整机采用无轴传动，配置自动套准系统和预套准系统，保证在高速（150米/分）时套印准确，可选配二次印刷功能及正反面印刷功能，套印准确稳定。是印刷中高档各类日化用品、酒标、药标、包装盒、不干胶标签等理想设备。

设备特点

组合式印刷，胶印，柔印，丝印，冷烫金，上光、覆膜等各种印刷工艺之间，可以根据不同印刷产品的要求而任意组合，适合各种类型的标签印刷。

超大印刷面积410X635，最大印刷周长可达635，最高速度可达150米/分。无论是长单，还是大标签，都可以解决。

承印介质广，纸类、膜类、金属箔均可印刷，承印物厚度范围大，0.04mm（薄膜）~0.35mm（卡纸）。



It Can Realize Modular And Platform-integrated Combined Printing Function

中特之星 可实现模块化、平台化为一体的组合印刷功能

Main Technical Parameters 主要技术参数

Machine speed	机器速度	150米/分钟印刷单元4-12色。
Maximum print repeat length	最大印刷重复长度	635mm
Minimum print repeat length	最小印刷重复长度	469.9mm
Maximum paper width	最大纸张宽度	420mm/560mm/680mm
Minimum paper width	最小纸张宽度	200mm (纸张) 、 300mm (薄膜类材料)
Maximum print width	最大印刷宽度	410mm/550mm/670mm
Substrate thickness	承印物厚度	0.04 -0.35mm
Unwinding the largest diameter	放卷最大直径	1000mm / 350Kg
Winding the largest diameter	收卷最大直径	1000mm / 350Kg
Cold maximum income, unwinding diameter	冷烫最大收、放卷直径	600mm / 40Kg
Offset printing plate thickness	胶印印版厚度	0.15mm
Flexographic printing plate thickness	柔印印版厚度	1.14mm
Blanket thickness	橡皮布厚度	1.95mm
Servo motor power	伺服电机功率	19.85kw
UV power	UV功率	6kw
voltage	电源电压	三相380V±10%
Control voltage	控制电压	220V
frequency	频率	50Hz
Dimensions	外形尺寸	16000×2400×2280/七色
Machine net weight	机器净重	胶印/柔印单元 2270Kg
Machine net weight	机器净重	放、进纸单元 1400Kg
Machine net weight	机器净重	模切、排废单元 1350Kg
Machine net weight	机器净重	收卷单元 920Kg

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes:With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

SMART-420/560/680 Series

Multi-function Combination Web Printing Press

全新的旗舰型组合印刷机——中特之星

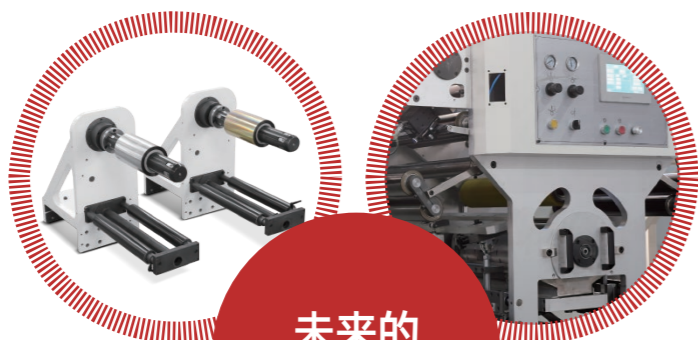
DETAILS
Achieve Perfect Quality
细节 成就完美品质

Removable cold foil unit

可移动式冷烫单元

According to the different requirement of label , Cold foil unit can move to any position to complete the job .

根据印品的不同要求，可移动到任意位置，完成烫金作业。



Gravure Printing Unit

凹印单元

Adopt Pneumatic printing system and pneumatic ink scraping system. Diaphragm pneumatic ink automatic circulation system. Optional LED UV dryer system, enclosed oven, independent heating air supply system and automatic constant temperature system.

采用气动压印系统及气动刮墨系统；隔膜式气动油墨自动循环系统；可选配LED UV干燥系统、封闭式烘箱、独立加热送风系统、自动恒温系统。

Flexo Printing Unit

柔印单元

The impression roller is equipped with front and back water cooling device, so it will not be affected by the high temperature caused by UV curing when printing film materials.

印刷承印辊配有正反面水冷装置，印刷薄膜类材料时不会受UV固化产生的高温影响。

Automatic register system

自动套印系统

Automatically to identify register error , adjust to correct from time to time to guarantee steady register.

自动识别套印误差，时时纠正，保证套印稳定



未来的
竞争武器

多工艺组合

- 胶印：网点清晰、还原度高
- 柔印：专色、大面积印刷稳定
- 丝网：凹凸感、底涂
- 凹印：金属墨
- 烫金：附加值
- 烫金：附加值
- 模切：凹凸压痕及工位组合
- 数码印刷：防伪印刷

Servo driver control

Whole machine from unwinding-printing-die cutter -rewinding adopt servo driver technology to get more accurate tension and register control . Printing tension using closed -loop tension control system which adopt independent servo driver. Offset printing cylinder, blanket cylinder, impression cylinder, ink route and water route all use servo driver control to guarantee steady printing, high printing register and perfect printing quality .

Automatic register system

The register accuracy is 0.05mm ,and can be automatic adjust in axial direction and radial direction.

Pre-register system

The printing cylinder will reach to the register zero point automatic after installing the printing plate and start work, it can achieve good register requirement without manual control which improve the working efficiency and save lots of material &labor cost.

Portable roller technology

Using magnalium printing cylinder and blanket cylinder with double-pinch clamping technology for easily changing printing area and printing method , convenience operator and low maintenance cost.

Center control screen

The machine parameters can be adjusted and stored at every work order by digital handles which also contain the machine best state in the printing time , The date can used to setting machine state when the work order is stored and recalled , and achieve the control to whole machine include the basic function turning on, turning off ,speed adjustment ,counting ,etc . And also can carry out work storage and recall , automatic offset ink &water control ,register control and timely quality inspection.

无轴传动

整个机器从放卷到印刷、模切再到收卷全部采用伺服传动技术。使印刷张力得到更精确的控制。印刷张力采用闭环张力控制系统，由伺服电机单独驱动。胶印版滚筒，橡皮滚筒，压印滚筒，墨路和水路全部由伺服电机驱动，运转平稳，定位精度高，无明显墨杠。

全自动套印系统

其套印调节精度精确到0.05mm，并可同时进行轴向和径向套印自动调节。

预套印功能

安装好版辊准备印刷，当开机时，版辊会自动寻找套印零位，无需人工调节即可达到自动套印要求。提高了效率，节省大量材料和人工成本。

轻便滚筒技术

采用镁铝合金的印版及橡皮滚筒，双顶尖夹紧技术，可便捷地改变印刷幅面和转变印刷类型，操作简便，维护成本低。

中央控制台

可以通过数字手柄在任何时候调节机器参数并且存储和调用每次生产过的工单，这一工单数据包含机器在生产这一活件时候的最优化状态。这些数据将在工单存储和调用时来设定设备状态。可以实现对印刷机的所有控制，除了开机，关机，调速，计数等基本功能外，可以进行工作储存和调用，胶印水量和墨量自动控制，套印控制和实时检测。

ZTJ-330/520/680

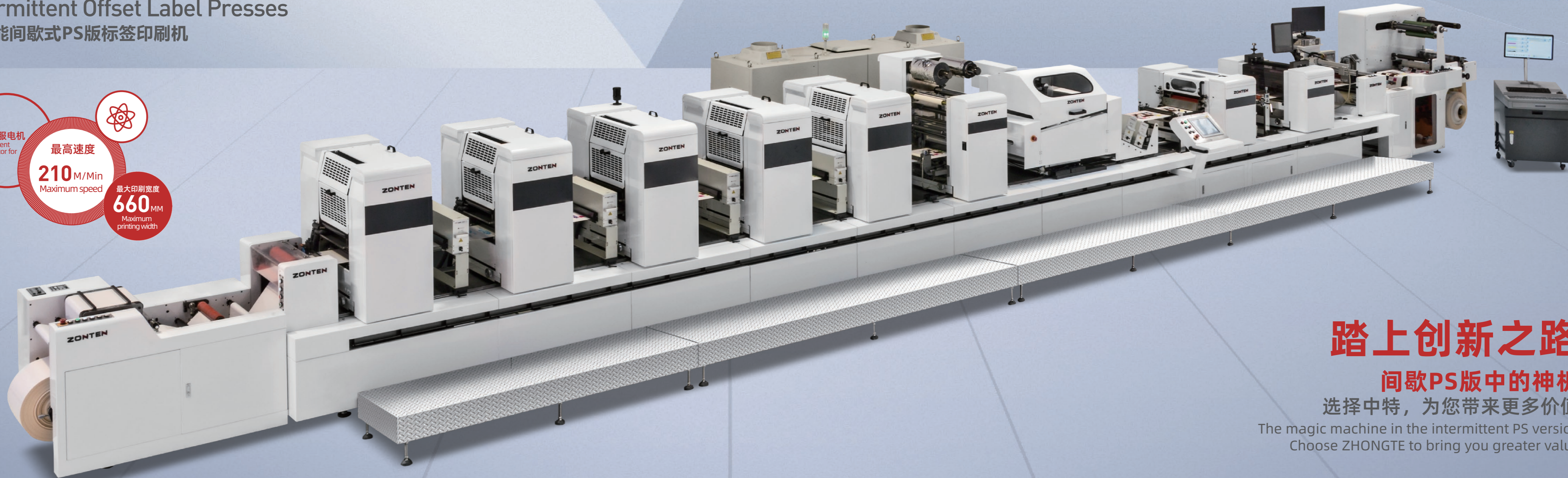
Intermittent Offset Label Presses

多功能间歇式PS版标签印刷机

各单元
独立伺服电机
Independent
servo motor for
each unit

最高速度
210 M/Min
Maximum speed

最大印刷宽度
660 MM
Maximum
printing width



踏上创新之路

间歇PS版中的神机

选择中特，为您带来更多价值

The magic machine in the intermittent PS version

Choose ZHONGTE to bring you greater value

ZTJ-330/520/680 Intermittent Offset Label Presses 多功能间歇式PS版标签印刷机

Performance and Characteristics 性能和特点



Servo Driven

Independent servo driven system in each unit to guarantee stable register at high printing speed.



Printing Unit

Use the most advanced inking system which has 23 inking rolls, four large diameter form rolls included and alcohol damping system to guarantee printing quality.



Register System

Each printing unit can remote adjust register which includes lineal, lateral and skewing without stopping the press to save time and reduce the waste of substrate.

无轴驱动

各单元均使用独立伺服电机驱动，在高速印刷时保证稳定的套印精度。

印刷单元

采用墨路系统，共23根墨辊（其中4根大直径靠版辊）和酒精润版，保证印品质量。

套准系统

各印刷单元可以不停机遥控调节套准，包括横向、纵向、歪斜。节省时间，减少了材料浪费。



Pre-register System

Based upon the printing length, input log data into the sliding console, each unit will automatically be adjusted to its ready position.



Vacuum Backflow Control Unwinding

Vacuum backflow cylinder can prevent scratches on the back of label paper during intermittent motion.



No Joystick

Fully automatic operation system including pressure adjustment, inking roll washup, roller clutch, etc.



Easy to Operate

Equipped with sliding touch screen console which can be moving around to increase the efficiency of operator.

预位系统

根据不同的印刷长度，只要在移动台面输入印刷规格，各机组将自动移到所需的位置。

真空回流控制开卷

真空回流汽缸能避免标签纸在往复运动中背面出现拉纸痕迹。

无手柄化

全自动的操作系统，包括压力调整、墨辊清洗、滚筒离合等。

易于操作

采用移动式触摸控制台，可以在各色组间移动，保证操作人员提高工作效率。



Printing Size

Patented technology to minimize printing size to achieve larger scale of variable size printing.



British Control System

Apply electronic component from famous international brand to guarantee long term reliable operation.



Lubrication System

Centralized automatic lubrication.



German Technology of Offset Press

Reasonable structure, low noise and energy consumption.

印刷幅面

更小的印刷幅面，采用专利技术，实现更大的可变幅面印刷。

英国控制系统

选用全进口国际品牌电器元件，确保长期可靠运行。

润滑油系统（集油系统）

全自动集中加油系统。

德国胶印机技术

结构合理，噪音低，能耗少。

ZTJ-330/520/680

Intermittent Offset Label Presses

多功能间歇式PS版标签印刷机

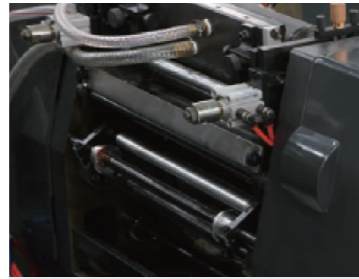
Show Details 细节展示



Continuous rewinder with UV vanish
连续收卷带光



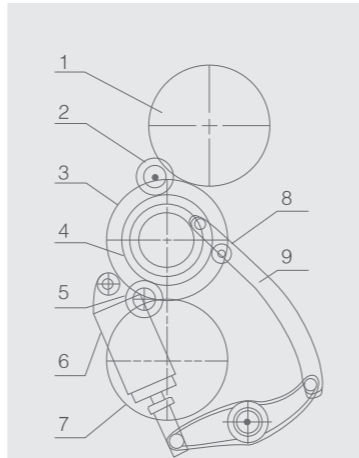
Advanced water-ink balance structure
先进的水墨平衡结构



Chamber doctor Flexo UV vanish unit
腔式刮刀上光装置



Cold stamping unit or hot stamping device
冷烫装置/可加装热烫装置



Three-point suspension on-off mechanism
三点悬浮离合原理图

- 1-印版滚筒
- 2-5-偏心滚子
- 3-橡皮滚筒
- 4-轴承套
- 6-离合压气缸
- 7-压印滚筒
- 8-悬浮滚子
- 9-离合压连杆

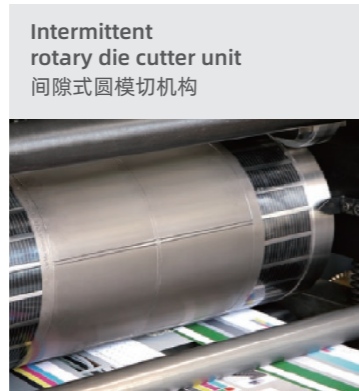
This structure is a Leading International Technology
此结构为国际领先技术



Second pass system
二次追印检测



Intermittent silk screen printing unit
间歇式丝网印刷装置



Intermittent rotary die cutter unit
间歇式圆模切机构

Main Technical Parameters 主要技术参数

Model	型号	ZTJ-330	ZTJ-520	ZTJ-680
Max. web width	最大材料宽度	330mm	520mm	680mm
Max. printing width	最大印刷宽度	320mm	510mm	670mm
Printing repeat	印刷长度范围	100-350mm	150-380mm	150-520mm
Thickness of substrate	承印厚度	0.1-0.3mm	0.1-0.35mm	0.1-0.35mm
Machine speed	机器速度	50-180rpm(50M/min)	50-160rpm	50-150rpm
Max. unwind diameter	最大放卷直径	700mm	1000mm	1000mm
Max. rewind diameter	最大收卷直径	700mm	1000mm	1000mm
Pneumatic requirement	压缩空气	7kg/cm ²	10kg/cm ²	10kg/cm ²
Total capacity	主机功率	30kw/6色 不含UV 30kw/6colors (Not including UV)	60kw/6色 不含UV 60kw/6colors (Not including UV)	82kw/6色 不含UV 82kw/6colors (Not including UV)
UV capacity	UV系统功率	4.8kw/色 4.8kw/color	7kw/色 7kw/color	10kw/色 10kw/color
Power	电源	三相380V 3 phases 380V	三相380V 3 phases 380V	三相380V 3 phases 380V
Overall dimension(LxWx H)	外型尺寸	9500x1700x1600mm	11880x2110x1600mm	16300x2300x1800mm
Machine weight	机器重量	约13吨/6色 about 13 ton/6 colors	约15吨/6色 about 15 ton/6 colors	约20吨/6色 about 20 ton/6 colors

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes: With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

Optionals 可选配置

- Automatic ink roller washup system
- Remote inking system
- Cold foil stamping device
- Silk screen printing unit
- CCD Camera
- Letterpress printing unit
- Web guide system.

- 墨辊自动清洗系统
- 遥控墨斗系统
- 冷烫金装置
- 圆丝网印刷色组
- CCD摄像机
- 凸版印刷色组
- 纠偏系统

- Digital printing unit:**
It is a colorful non-contact variable information printing system which can combine with traditional printing technology to perfect level.
- UV flexo printing station:**
Equipped with anilox roll to do the UV coating or white color printing on transparent material.

- Rotary diecutting device:**
Use flexible die and magnetic cylinder to do any shape's cutting.

数码印刷色组:
本机组为彩色无接触式可变信息印刷，可以和传统印刷完美相组合

UV柔版印刷色组:
带网纹辊的柔版印刷，特别适用于UV上光，在透明材料上打白底

辊式模切装置:
采用雕刻刀片吸附在磁性滚筒上，可以模切任意图形

SUPER-320

Intermittent Letter Press High-speed Label Presses

间歇式树脂版标签印刷机



最高速度
250 r/Min
Maximum speed

稳定
一次完成所有工序
Complete all processes at once

SUPER-320

Intermittent Letter Press High-speed Label Presses

间歇式树脂版标签印刷机

Features

- Adopt paper reciprocating mode. One printing roller could do the job regardless the repeat size.
- Adopt servo-control system to achieve optimization control of machine, which assure high accuracy and stability for registration.
- Creative ink distributing system avoids bar marking and ghosting.
- Ink volume varies with printing speed automatically.
- Indicate malfunction of the machine on the center control screen to speed up maintenance time.
- Paper unwinding, printing, UV varnish, rotary diecutting, waste removal and rewinding can be completed in one pass.
- SUPER-320 Intermittent Label Relief Printing Machine is suitable for printing middle & upper class labels in large, midium and small batch of production.

设备特点

- 采用往复走纸方式，不论版面大小，只需一支印版滚筒即可完成印刷。
- 采用无轴控制系统，精确控制驱动印刷机组的每个滚筒的伺服马达，而实现对机器状态的最优化控制。
- 采用优化的墨辊配制和墨辊速度，防止了墨杠及重影的产生，提高了印刷质量。
- 油墨的供应与机器速度按比例变化，能使印刷效果更好。
- 机器故障自动在电脑屏幕上显示，加快了机器修复时间。
- 放卷、印刷、上光、模切、排废、收卷可一次完成。
- 该设备最适合印刷多品种中、小批量以及大批量的标签，是印刷中、高档不干胶商标厂家最理想的选择。

Show Details 细节展示



The servo control system
无轴传动系统



Vaccum paper feeding system
真空吸气输纸系统



The independent motor adjusts the ink system
独立电机调墨系统



Central controller system
中央控制系统



Second pass system
二次印刷系统



Superior ink transfer system
优越传墨系统

Main Technical Parameters 主要技术参数

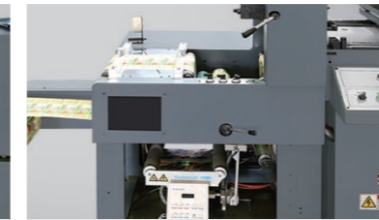
Model	型号	SUPER-320
Max. Web width	最大材料宽度	310mm
Max. printing width	最大印刷宽度	290mm
Printing repeat	印刷长度范围	50~260mm
Color	印刷色数	2~8色 (color)
Thickness of substrate	承印厚度	0.1~0.3mm
Machine speed	机器速度	30~250r/min
Max. unwind diameter	最大放卷直径	700mm
Max. Rewind diameter	最大收卷直径	700mm
Total capacity	主机功率	17.3KW 不含UV (Not Including UV)
Power	主机电源	380V/AC.3相(Three phase)
		50/60H 50A17.3KVA
Overall dimension(LxWxH)	外形尺寸	6800x1600x1400mm
Machine weight	机器重量	6000kg/6色 (6 colors)

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes:With the viriation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

Optional 可选配置



Cold foil device 冷烫装置



Web guide device 纠偏装置



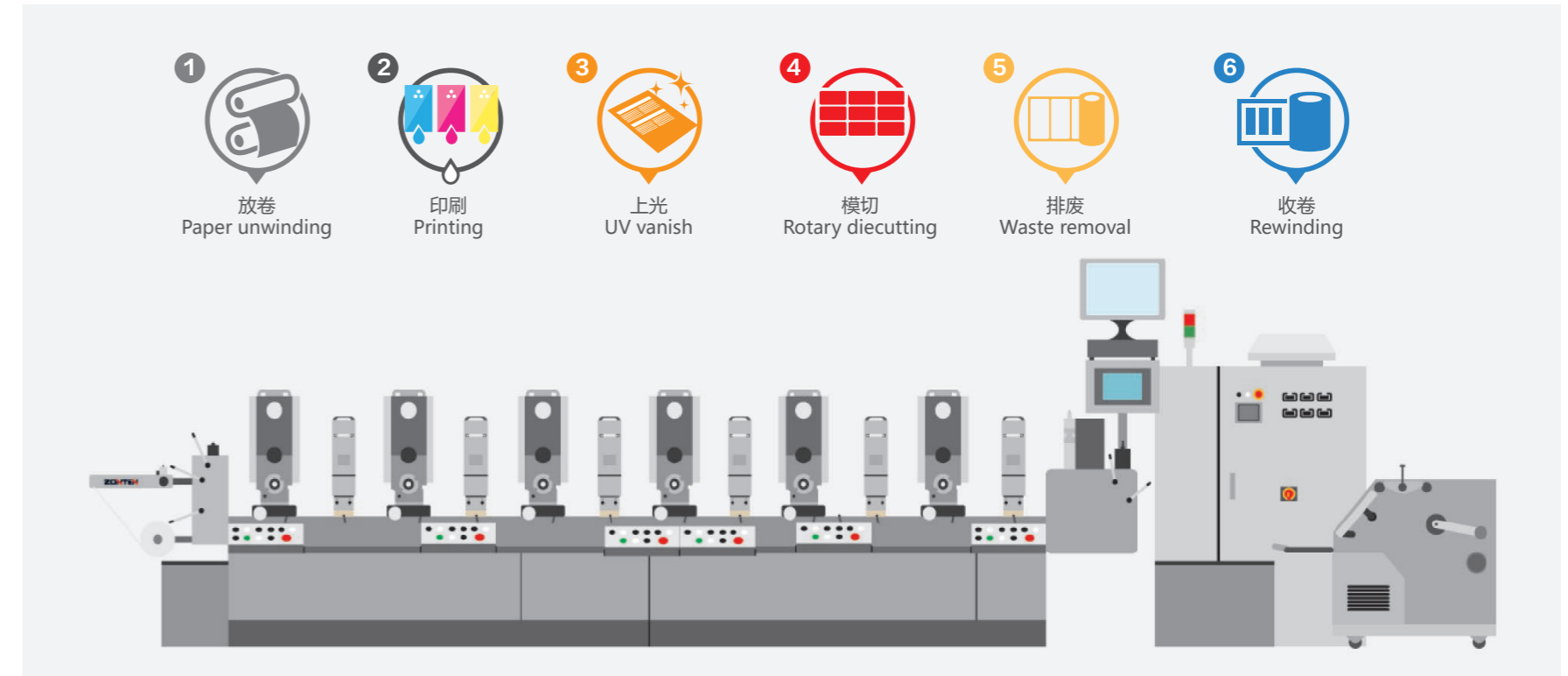
Gule side device 背胶装置



Silk screen device 丝网装置

- Die-cutting equipment (magnetic cycinder)
滚刀式模切装置(磁性滚筒)
- Flexo UV coating eq uipment
UV上光装置
- LED UV/ Ultra-violet radiation curing equipment
LED/UV紫外线UV干燥装置
- CCD camera
CCD摄像机

One Time To Complete All The Processes 一次完成所有工序



ZTR-330/430/560/680

Multifunctional Unit Type Flexographic Printing Machine

多功能机组式柔版印刷机



Ensure The Accuracy
Of Every Detail
确保每一个细节的精度

Performance and Characteristics

- The control system of the whole machine adopts the latest German Rexroth servo control system. Each unit is driven by an independent servo motor. The whole machine adopts 20 servo motors (8 colors) to guarantee stable register at high printing speed.
- The plate roller adopts pillow type installation, which is connected with high-precision helical gear transmission, simple and quick operation.
- Printing and ink transfer pressure adjustment: the plate roller adopts the way of roller pillow which greatly improve the printing efficiency. When adjusting the printing pressure and ink transfer pressure, it only needs to fine adjust the corresponding support frames on both sides. It's no need to greatly adjust the printing pressure after replacing the plate roller. If there are special printing requirements, only make a little fine adjustment.
- The printing roller of the machine is equipped with front and back water cooling devices, so that the film materials will not be affected by the high temperature caused by UV curing.
- The unwinding system of the machine is equipped with corona, double-sided dust removal and electrostatic removal system to ensure the stability of materials before printing.
- It is equipped with high-precision German BST system and video monitoring equipment in the printing process to provide a higher guarantee for label printing.

性能及特点

- 整机控制系统采用德国最新力士乐伺服控制系统，每一机组单元均由独立伺服电机驱动，整机共采用25个伺服电机（10色），为机器高速运转中高精度套准提供了保障。
- 版辊筒采用枕式安装，由伺服电机直接驱动，操作简单快捷。印刷，传墨压力调整：版辊筒采用走辊枕方式，调节印刷压力及传墨压力时只需要对两边相应的支撑架作微调，版辊筒更换后印刷压力不需要有大的调节，有特殊印刷要求也只需作一点点微调，使印刷的效率大大的提高。
- 该机印刷承印辊配有水冷装置，印刷薄膜类材料时不会受UV固化产生的高温影响。
- 该机放卷系统配有电晕，双面除尘，除静电系统，保证了材料印刷前的稳定性。
- 印刷过程配有高精度的德国BST纪偏系统和视频监控设备，为标签印刷时提供更高的保障。

Main Technical Parameters 主要技术参数

Model	型号	ZTR-330	ZTR-430	ZTR-560	ZTR-680
Printing speed	印刷最高速度	160m/min	160m/min	160m/min	160m/min
Number of printing colors	印刷色数	4-12色	4-12色	4-12色	4-12色
Printing width	印刷最大宽度	330mm	440mm	560mm	680mm
Maximum width of coil	卷材最大宽度	340mm	450mm	570mm	690mm
Printing circumference	印刷周长	203.2-635mm	203.2-635mm	203.2-635mm	203.2-635mm
Gear specifications	齿轮规格	1/8 CP	1/8 CP	1/8 CP	1/8 CP
Maximum unwinding diameter	放卷最大直径	1000mm	1000mm	1000mm	1000mm
Maximum winding diameter	收卷最大直径	1000mm	1000mm	1000mm	1000mm
Air pressure	空气压力	100PS(0.6MP)	100PS(0.6MP)	100PS(0.6MP)	100PS(0.6MP)
Power requirement	供电需要	380V3PH 50HZ	380V3PH 50HZ	380V3PH 50HZ	380V3PH 50HZ

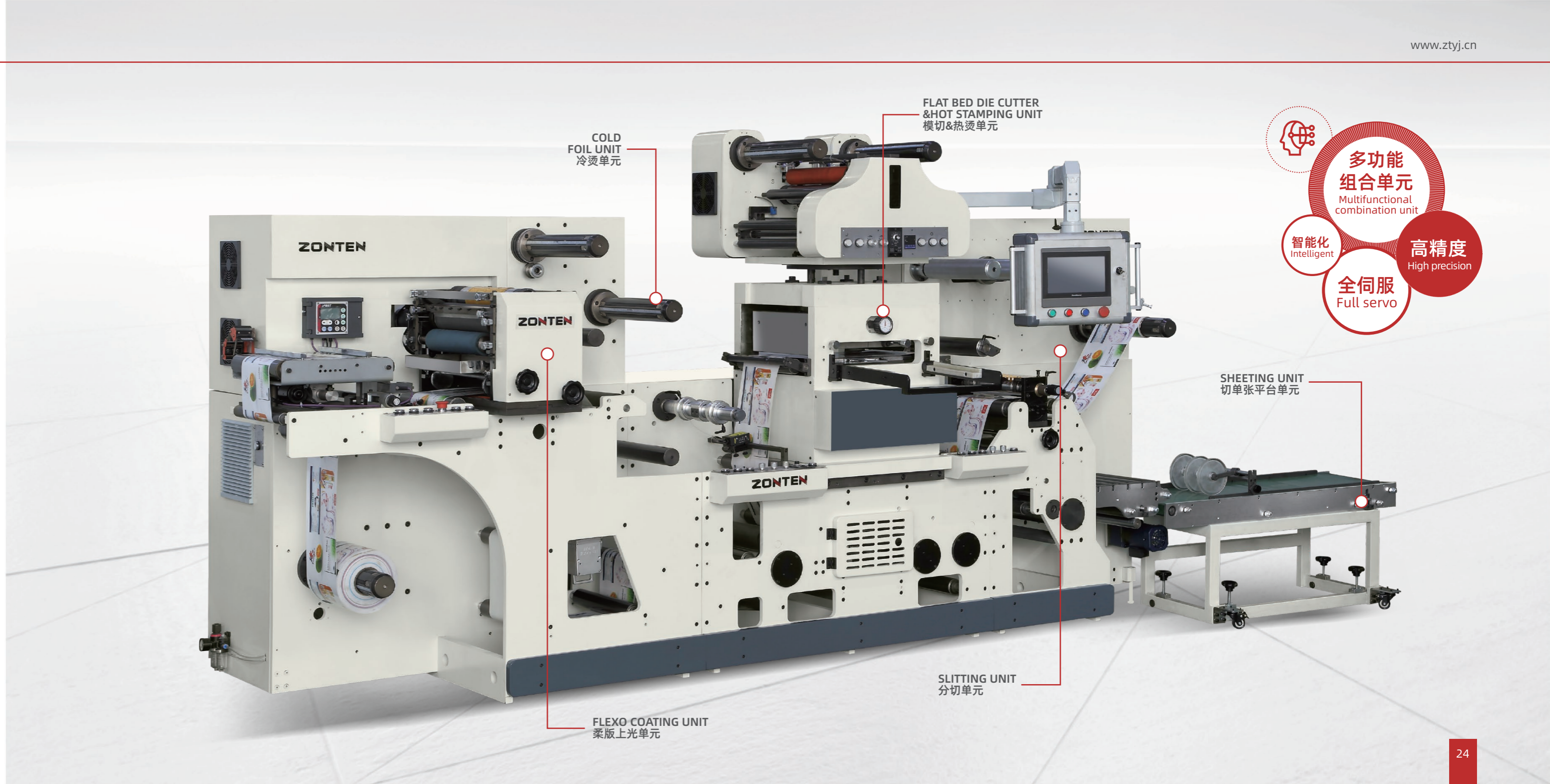
注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes: With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

DRAGON-320

Combined Flatbed Hot Foil(Cold Foil) Stamping Die Cutting Machine 组合式高速平压平热(冷)烫金模切机



满足
您的多样化印后需求
Satisfy
Your diversified post-press needs



COLD FOIL UNIT
冷烫单元

FLAT BED DIE CUTTER & HOT STAMPING UNIT
模切&热烫单元

FLEXO COATING UNIT
柔版上光单元

SLITTING UNIT
分切单元

SHEETING UNIT
切单张平台单元

- 多功能组合单元**
Multifunctional combination unit
- 智能化**
Intelligent
- 高精度**
High precision
- 全伺服**
Full servo

DRAGON-320

Combined Flatbed Hot Foil(Cold Foil) Stamping Die Cutting Machine

组合式高速平压平热（冷）烫金模切机

Unique Advanced Technology To Improve Production Efficiency

独树一帜的先进技术 **提高生产效益**

Performance and Characteristics

- Non linkage platen die cutting device enables cut precision in $\pm 0.15\text{mm}$ (except IML).
- Provides hot foiling system, electric heating control.
- Servo-driven intermittent foiling device guarantees steady work in high speed state of 120 m/min. The size and spacing of bronzing can be adjusted.
- Equipped with slip shaft to unwind and rewind gilding materials, and it can use multiple gilding materials of different diameter at the same time. Up to 3000 meters of gilding materials can be placed, greatly improving the efficiency.
- Flat press material feeding unit.
- Adopt servo-driven continuous tension control.
- Adopt local intermittent material feeding unit to deal with efficient motion of 400 times/min and ensure the speed and accuracy.

性能及特点

- 无连杆平压平模切装置，模切精度达到 $\pm 0.15\text{MM}$ （膜内贴除外）。
- 配备烫金加热系统、电加热系统。
- 伺服型间歇式烫金装置，烫金大小间距可调，可保证120米/分钟高速稳定运转。
- 烫金材料收放卷采用滑差轴，可同时使用多条不同卷径的烫金，最大可放3000米烫金材料，大大提升效率。
- 平压续料机构。
- 双伺服张力控制。
- 采用局部间歇续料机构处理400次/分钟的高效运动，且能保证速度与精度。



Full servo Intelligent High precision Multifunctional combination unit

全伺服 智能化 高精度 多功能组合单元

Main Technical Parameters 主要技术参数

Model	型号	DRAGON-320
Max Speed	最大机械速度	120m/min
Max Effective Paper Width	最大有效纸张宽度	330mm
Accuracy Of Adhesive Cutting	不干胶模切精度	$\pm 0.15\text{mm}$
Accuracy Of Iml Cutting	模内标模切精度	$\pm 0.25\text{mm}$
Registration	模切定位方式	Sensor(色标传感器)
Max Hot Foil Dia	烫金箔直径	300mm
Hot Foil Feeding Direction	烫金箔送料方向	0°/90°
Max Hot Foil Rolls	烫金箔最多安装数	8 rolls
Foil Jump Adjustment	烫金膜跳步调整	Support By Servo
Accuracy Of Foil Register	烫金及模切精度	$\pm 0.15\text{ mm}$
Heat Range	电加热温度	0-200°C
Min Slitting Width	最小分切宽度	16mm
Max Unwinder Dia	最大放卷直径	700mm
Max Rewinder Dia	最大收卷直径	700mm
Air Supply	气压要求	0.4-0.6MPa
Total Motor Power	主电机功率	30kw
Dimension	机身尺寸	2600x1200x1700 mm
Weight	机器重量	3500KGS

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes: With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

Optional 可选配置

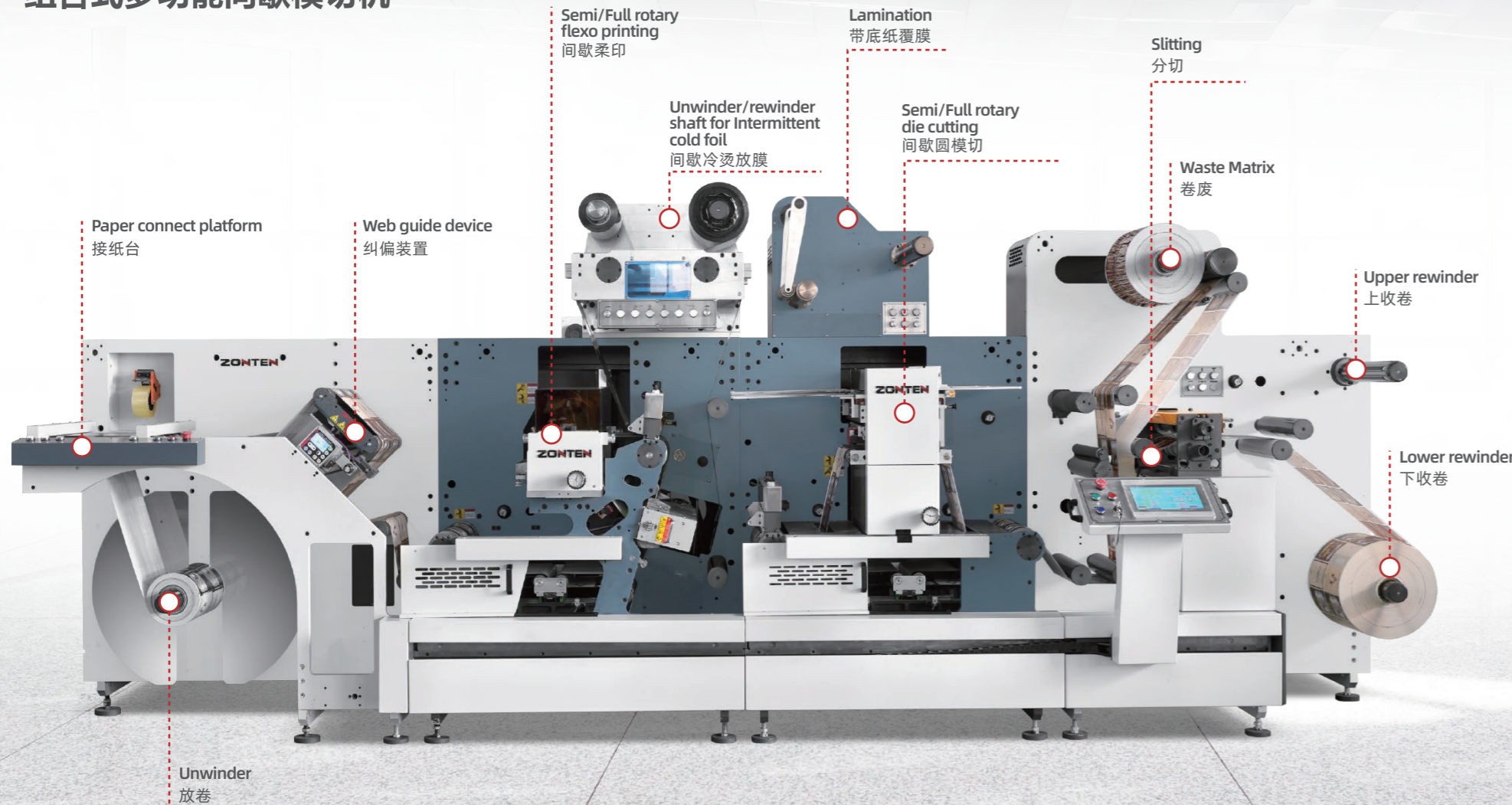
- UV flexo printing unit UV柔版上光单元
- Slitting device 分切装置
- Single sheet device 切单张装置
- Inspecting system 检标功能
- Digital Inkjet 数码喷码



ZMQ-320/520

High Speed Automatic Label Converting Machine

组合式多功能间歇模切机



Performance and Characteristics

- ZMQ-320/520 is the newly developed equipment for die cutting and slitting.
- It adopt servo-control system to achieve optimization control of machine which assure high accuracy and the stability of die cutter.
- Automatic paper feeding, web guide, lamination, UV flexo coating, die cutting, slitting can be completed in one pass.
- The machine has many advantages such as smaller floor space, lower noise, high speed, etc.
- ZMQ-320/520 is an ideal option for die cutting and shaping in label printing factory, electronic industry and viscose products industry.

性能及特点

- ZMQ-320/520 间歇式模切机 是浙江中特独立研发的一款新型模切、分切设备。
- 采用全伺服张力控制实现对机器状态的优化控制，使模切精度和稳定性更高。
- 自动放料、纠偏、覆膜、柔版上光、模切、分切可一次完成。
- 具有占地面积少，面积小，速度快等优点。
- ZMQ-320/520是标签印刷厂、电子行业、黏胶制品行业模切成型的理想选择。

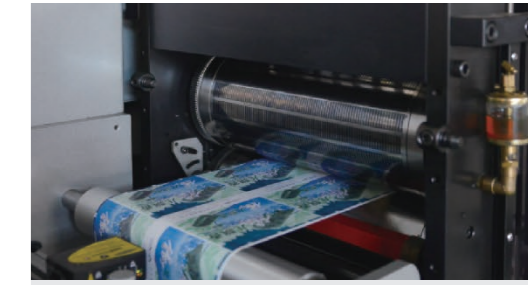
Main Technical Parameters 主要技术参数

Model	型号	ZMQ-320
Max Speed(Semi Rotary Die cut)	间歇最高模切速度	300cycle/min(约60m/min)
Max Full Rotary Speed	全轮转最高速度	130Meters/min
Accuracy of adhesive Cutting	模切精度	±0.10mm
Accuracy of IML Cutting	模内标模切精度	±0.25mm
Max Die Cutting Area	最大模切面积	400mm x 310mm(L x W)
Paper Width	进纸宽度	100-310mm
Max Unwinding Dia.	最大放卷直径	700mm
Max Rewinding Dia.	最大收卷直径	700mm
Magnetic Cylinder	标配模切磁性辊	144Teeth 1/8"CP(Standard)
Repeat Length of Die Cutting	重复模切长度	50mm ~400mm
Motor Power	主机功率	10kw
Overall Diameter(L x W x H)	机身尺寸	3200mm x1310mm x1700mm
Weight	整机重量	2750KGS

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知。
Notes:With the viriation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

Optional 可选配置

- | | |
|------------|------------------------|
| ● 可选配置 | Optionals |
| ● UV柔版上光单元 | UV flexo printing unit |
| ● 分切装置 | Slitting device |
| ● 切单张装置 | Single sheet device |
| ● 检标功能 | Inspecting system |
| ● 数码喷码 | Digital Inkjet |



圆刀模切 Round knife die cutting



柔印 Flexography



UV

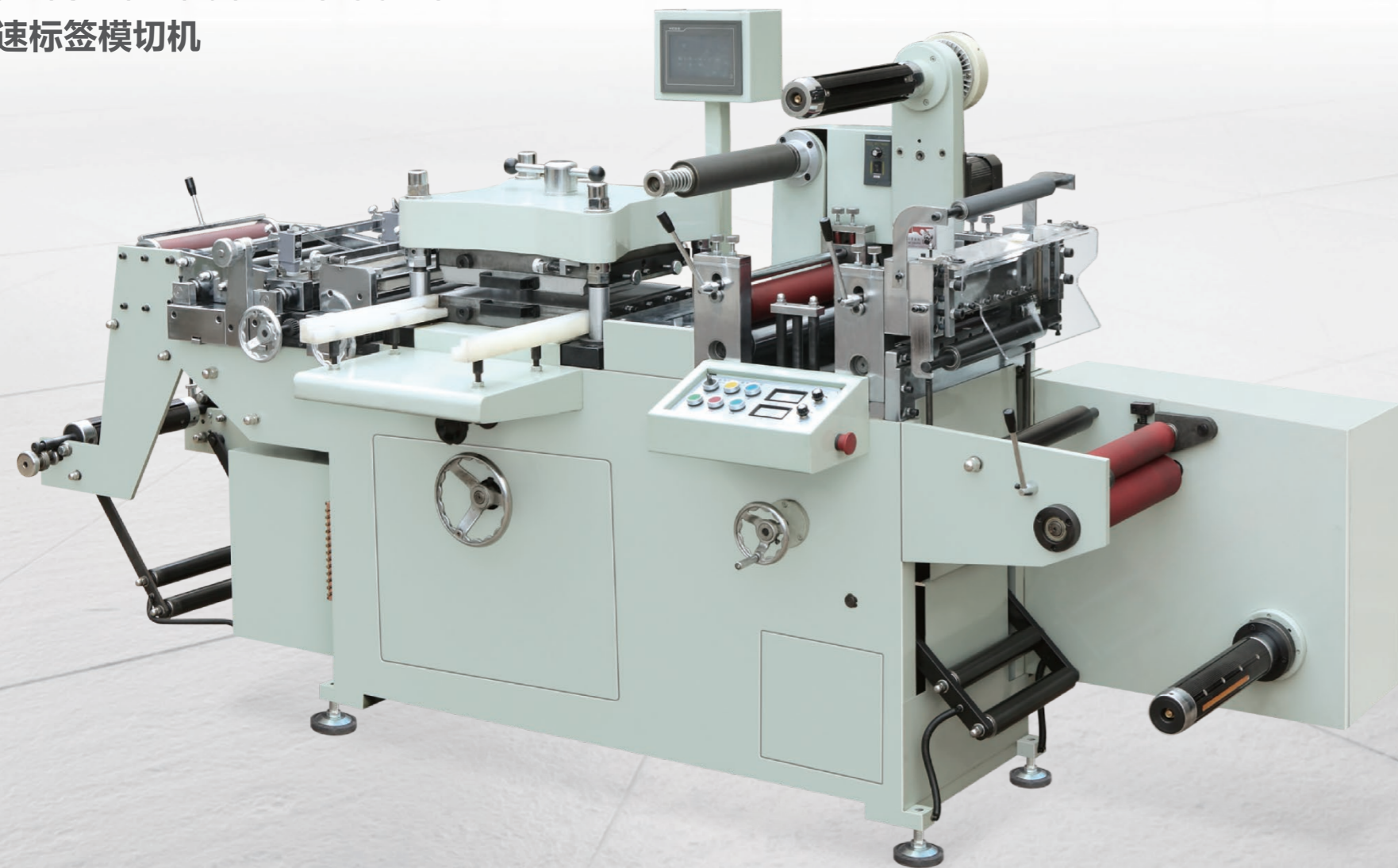


分切 Slitting

MQ-320/450/520

Fully-automatic Roll-roll Continuous Adhesive Label Die Cutter

高速标签模切机



Efficient To
Promote The Pace Of Progress
高效 推动前进的步伐

Performance and Characteristics

- MQ-320/450/520 is a high precision flat bed die cutter. Material feeding & cutting are controlled by servo motor. Lateral sides are controlled by 2pcs of sensor and lineal side is controlled by one of sensor.
- Laminating, diecutting, waster removal, sheeting or rewinding can be completed in one pass.
- MQ-320/450/520 is suitable for cutting pressure sensitive label and holographic anti-counterfeiting label. It is an ideal option for die cutting and shaping in label printing factory, electronic industry and viscose products industry.

性能及特点

- MQ-320/450/520 标签模切机是一款高精度平压平模切机，拖料定位由伺服系统控制，材料横向纠偏定位由两只高精度光电眼控制，纵向跟踪定位由一只高精度光电眼控制。
- 覆膜、模切、排废、切张或收卷可一次完成，非常适用于各种不干胶标签及镭射标签的模切。
- MQ-320/450/520 标签模切机是各类卷筒印刷机和镭射模压机的配套模切设备，是标签印刷厂、电子行业、胶粘制品行业模切成型的理想选择。

Main Technical Parameters 主要技术参数

Model	型号	MQ-320
Cutting speed	模切速度	20-220 cycle/min
Max. unwind diameter	放卷最大直径	500mm
Max. Web width	卷筒纸最大宽度	320mm
Max. die cutting width	模切最大宽度	300mm
Max. die cutting length	模切最大长度	290mm
Positioning accuracy	定位精度	±0.1mm
Total capacity	总功率	2.7kw
Power	电源	220v+5%
Overall dimensions(LxWxH)	外形尺寸	2800x1100x1600mm
Machine weight	机器重量	About 1500kg

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes: With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

Optional 可选配置

- In-mold label die-cutting 膜内贴商标模切
- Interval extended hot stamping & die-cutting 延时卷筒烫金模切
- Holograph hot slamping & die-cutting 镭射全息图烫金模切

Performance and Characteristics

- The main motor adopts imported inverter to govern a stepples speed adjustment.
- The printing units are all equipped with a group of infrared dryers respectively .
- Each IR dryer device of printing unit is interchangeable to UV dryer.
- Feeding and rewinding are controlled through magnetic particle brake and clutch (Japan Mitsubishi auto tension controller).
- Unwinder and rewinder adopt air core holder.
- Three unit rotary cut with stand-roller make, multi-cut can be processed.
- Adopt ceramic anilox roller which offers durability, wear resistance and corrosion resistance, also is more efficient on production by reducing the time of changing rollers.
- The printing unit can register in 360 degrees. Each printing unit can be independently geared and loosen to have rest of units continue to printing.
- The inking roller will be automatically off impression when press stop and rotate at lower speed in order to keep the ink from being drying.
- Paper unwind, printing, UV vanish laminating, rotary diecutting, waste removal and rewinding can be processed in one pass.
- LRY-330/470/650 is characterized by wide application, fast printing speed, high economic efficiency and ink pollution free. It is an ideal printing machine for the business form, tag and high end pressure sensitive label.

性能及特点

- 主电机采用进口变频无级调速。
- 各印刷单元均配有一组红外线烘干装置。
- 各印刷单元红外线烘干装置可互换UV干燥装置。
- 放料、收料均由磁粉制动器、离合器控制（或选配日本三菱自动张力控制器）。
- 放料、收卷装置采用气胀式芯轴装夹装置。带支撑辊的三模切工位，可进行组合模切加工。
- 采用陶瓷网纹墨辊，具有寿命长、耐磨、耐腐蚀的特点，对于减少更换网纹辊的次数，提高印刷效率十分有利。
- 印刷单元采用360度轴向对版调节。各印刷单元可以单独齿合或松开，以便其他印刷单元继续印刷。
- 停车时墨辊可自动脱离、并低速度转动、以防墨水干结。
- 放卷、印刷、上光、覆膜、模切、排废、收卷，可一次完成。
- LRY-330/470/650 具有印刷范围广、油墨无污染、经济效益高、印刷速度快等特点。是各印刷厂印刷票据、卡纸、高档不干胶商标理想的机器。

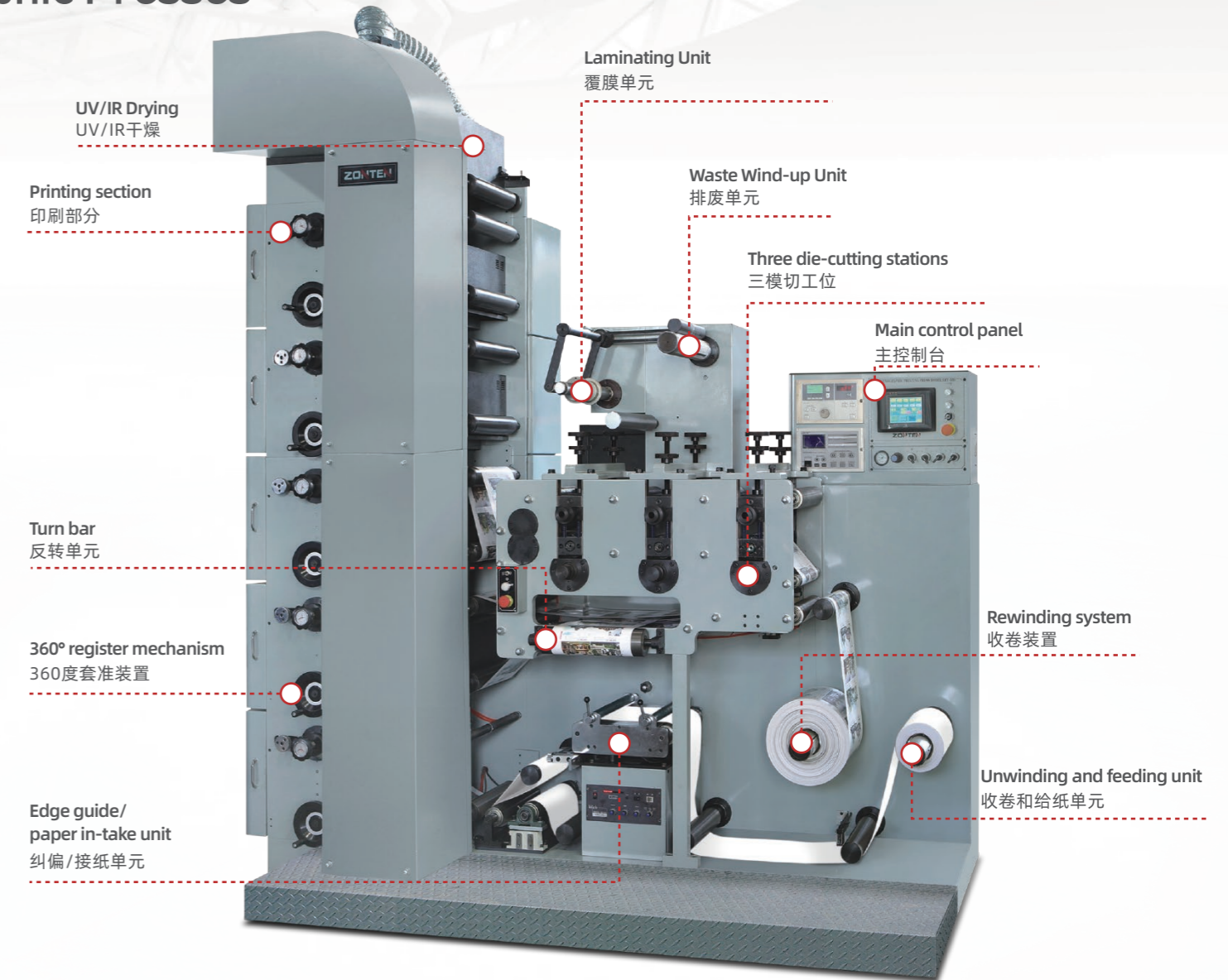
Main Technical Parameters 主要技术参数

Model	型号	LRY-330	LRY-470	LRY-650
Max. Web width	最大材料宽度	330mm	450mm	650mm
Max. printing width	最大印刷宽度	320mm	440mm	640mm
Printing repeat	印刷长度范围	180mm-380mm/min	180mm-380mm/min	180mm-380mm/min
Color	印刷色数	2~6	2~6	2~6
Thickness of substrate	承印厚度	0.1~0.3mm	0.1~0.3mm	0.1~0.3mm
Machine speed	机器速度	10m-80m/min	10m-80m/min	10m-80m/min
Max. unwind diameter	最大放卷直径	650mm	650mm	650mm
Max. Rewind diameter	最大收卷直径	650mm	650mm	650mm
Rotarlr-cutting stations	模切工位数量	3	3	3
Main motor capacity	主机功率	2.2 kw	2.2 kw	3 kw
Main power	主机电源	380V/AC三相(3 phase) 50Hz	380V/AC 三相(3 phase) 50Hz	380V/AC 三相(3 phase) 50Hz
Overall dimension(LxWxH)	外形尺寸	2420x1020x2740mm	2420x1020x 2740mm	2590x1580x 2800mm
Machine weight	机器重量	2500kg/5色(5 corlors)	3000kg/5色(5 corlors)	3000kg/5色(5 corlors)

Optional 可选配置

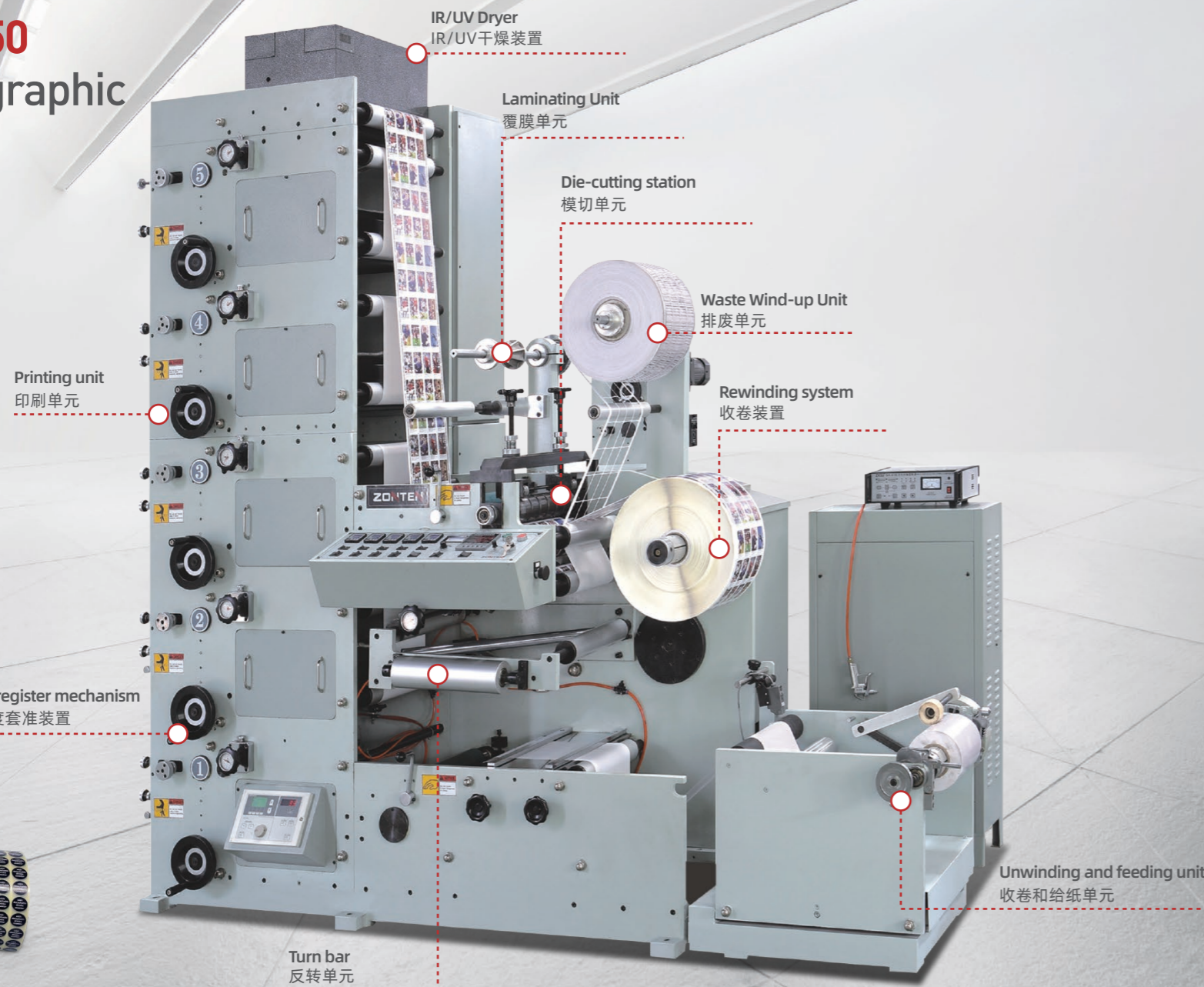
- 切单张收纸台
Single stacker
- UV干燥机组
UV curing unit
- 机器颜色
Machine color
- 冷烫
Cold foil

**LRY-330/470/650
Stacked Flexographic Presses
层叠式柔版印刷机**



注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes:With the viriation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

Ry-320/470/650 Stacked Flexographic Presses 层叠式柔版印刷机



Performance and Characteristics

- The main motor adopts imported inverter to govern a stepless speed adjustment.
- Feeding and rewinding are controlled through magnetic particle brake and clutch (Japanese Mitsubishi auto tension controller).
- Unwinder system is controlled by edge guide sensor.
- Adopt ceramic anilox roller which offers durability, wear resistance and corrosion resistance. also is more efficient on production by reducing the time of changing rollers.
- The printing units are all equipped with a group of infrared dryers respectively.
- Each IR dryer device of printing unit is interchangeable to UV dryer.
- Unwinder and rewinder adopt air core holder.
- The printing unit can register in 360 degrees. Each printing unit can be independently geared and loosen to have rest of units continue to printing.
- The roll feeding, printing, UV vanish, auto infrared drying, laminating and rewinding can be processed in one pass.
- The inking roller will be automatically off impression when press stop and rotate at lower speed in order to keep the ink from being drying.
- RY-330/450 is characterized by wide application, fast printing speed, high economic efficiency and ink pollution free. It is an ideal printing machine for the business form, Tag and high end pressure sensitive label.

性能及特点

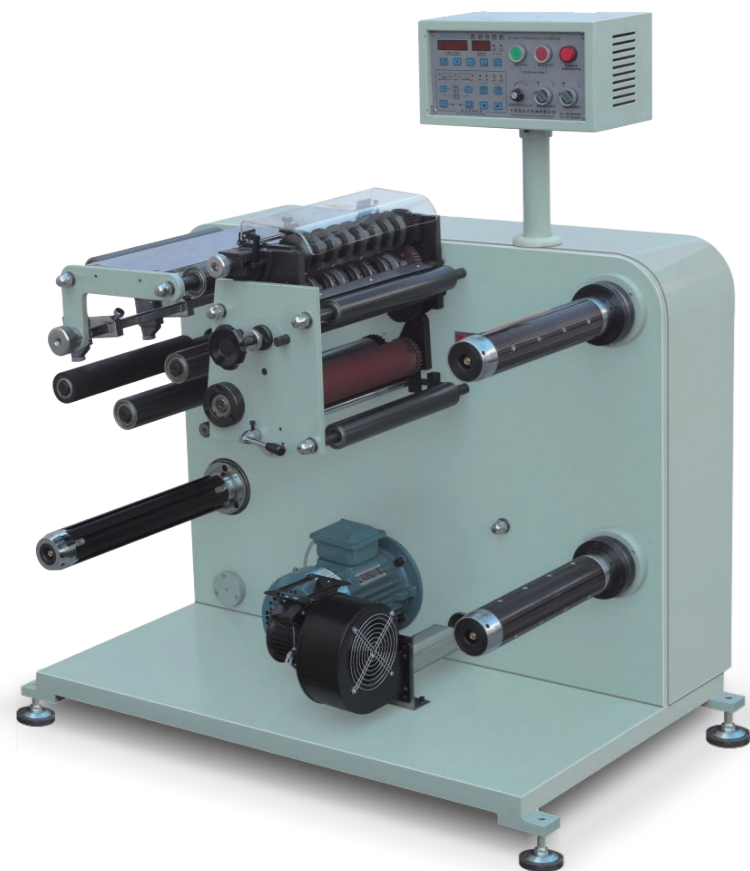
- 主电机采用进口变频无级调速。
- 放料、收料均由磁粉制动器、离合器控制（或选配日本三菱自动张力控制器）。
- 放料装置由自动纠偏传感器控制。
- 采用陶瓷网纹墨辊，具有寿命长、耐磨、耐腐蚀的特点，对于减少更换网纹辊的次数，提高印刷效率十分有利。
- 各印刷单元均配有一组红外线烘干装置。
- 各印刷单元红外线烘干装置可互换UV干燥装置。
- 放料、收卷装置采用气胀式芯轴装夹装置。
- 印刷单元采用360度轴向对版调节。各印刷单元可以单独齿合或松开，以便其他印刷单元继续印刷。
- 从卷料供纸、印刷、上光、自动红外烘干、覆膜、收卷一次连贯完成。
- 停机时墨辊可自动脱离、并低速度转动、以防墨水干结。
- RY-330/450 具有印刷范围广、油墨无污染、经济效益高、印刷速度快等特点。是各印刷厂印刷票据、卡纸、高档不干胶商标理想的机器。

Main Technical Parameters 主要技术参数

Model	型号	RY-320	RY-470	RY-650
Max. Web width	最大材料宽度	320mm	450mm	650mm
Max. printing width	最大印刷宽度	310mm	440mm	640mm
Printing repeat	印刷长度范围	180mm-380mm/min	180mm-380mm/min	180mm-380mm/min
Color	印刷色数	2~6	2~6	2~6
Thickness of substrate	承印厚度	0.1~0.3mm	0.1~0.3mm	0.1~0.3mm
Machine speed	机器速度	10m-80m/min	10m-80m/min	10m-80m/min
Max. unwind diameter	最大放卷直径	600mm	600mm	600mm
Max. Rewind diameter	最大收卷直径	550mm	550mm	550mm
Main motor capacity	主机功率	2.2kw	2.2kw	3kw
Main power	主机电源	380V/AC 三相(3 phase) 50Hz	380V/AC 三相(3 phase) 50Hz	380V/AC 三相(3 phase) 50Hz
Overall dimension(L x W x H)	外形尺寸	2600x1500x3000mm	2600x1600x3000mm	2600x1700x3000mm
Machine weight	机器重量	2000kg	2300kg	3500kg

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes: With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

FQ-320/450/520 Exquisite High-speed Label Slitting And Rewinding Machine 高速标签分切机



Performance and Characteristics

- FQ-320/450/520 Label Slitting and Rewinding Machine is an accessory equipment for fully automatic label printing machine and roll to roll die cutting machine.
- It is suitable for slitting paper into narrow stripes. It has multi-function such as frequency control, automatic metre counter, automatic label counter, predetermined length, automatic shutdown, alarm, pneumatic core holder and tension control.
- The machine's unwinding part is controlled by German made photoelectric automatic web guide system.
- FQ-320/450/520 Label Slitting and Rewinding Machine is a stable equipment and has many advantages such as tight construction, fast running, accurate slitting, ease of operation.

性能及特点

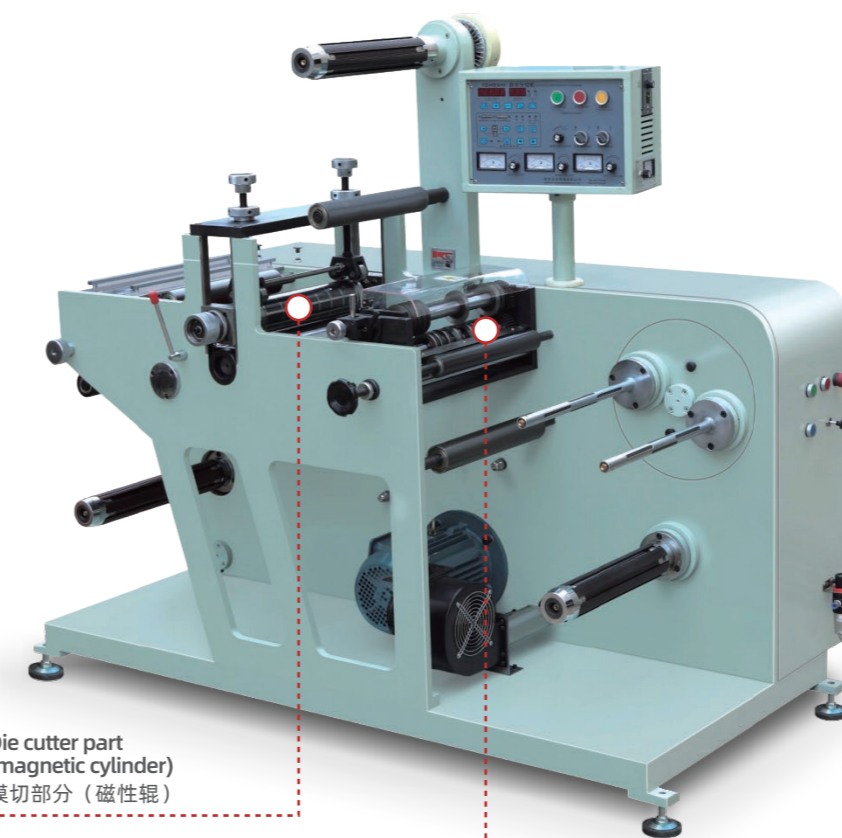
- FQ-320/450/520标签分切机是全自动卷筒商标印刷机、卷筒模切机的配套产品。
- 该机适用于窄幅条分切，具备变频调速、自动记米数、记张数、设定长度、自动停车、报警、气胀轴收料、张力控制等功能。
- 放卷由德国光电自动纠偏控制。
- 整机结构紧凑，具有速度快、分切准确、操作简单、运行平稳等优点。

Main Technical Parameters 主要技术参数

Model	型号	FQ-320/450/520
Max.Web width	卷筒纸最大宽度	320mm/450mm/520mm
Max.Rewind diameter	纸卷最大外径	500mm/600mm/800mm
Min.Slitting width	最小分条宽度	14mm
Slitting accuracy	分切精度	±0.15mm
Slitting speed	分条速度	85米/120米每分钟(m/min)
Overall dimensions(LxWxH)	外形尺寸	1500x1000x1200mm
Machine weight	机器重量	430kg

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes:With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

FQ-330R/450R Slitting Machine With Rotary Die-cutting 圆压圆磁性辊分切机



Die cutter part
(magnetic cylinder)
模切部分 (磁性辊)

Slitting part
分切部分

Performance and Characteristics

- FQ-330R/450R Slitting Machine with Rotary Die-cutting is equipped with high accurate rotary die-cutting system based on FQ-320/450 machine.
- This machine is suitable for blank adhesive labels. Die-cutting and slitting can be completed in one process.
- It has multi-function such as automatic metre & number counting, automatic shutdown and so on.
- Unwinding is controlled by photoelectric automatic web guide system.
- The machine has characteristics of compact structure, fast speed, high efficiency, easy operation, accurate slitting, steady running, etc.

性能及特点

- FQ-330R/450R圆压圆分切机，在FQ-320/450分切机上增加了一组圆压圆模切工位。
- 该产品适用于空白不干胶标签的模切及分条，使产品从模切到分条以及收卷一次性完成。
- 具有自动计米、计数，设定长度及数量，自动停机等功能。
- 放卷由光电自动纠偏控制
- 整机结构紧凑、速度快、效率高、分切准确、操作简单、运行平稳。

Main Technical Parameters 主要技术参数

Model	型号	FQ-330R/450R
Cutting speed	分切速度	75m/min
Die-cutting speed	模切速度	60m/min
Die cutting repeatlength	模切周长	206.375-476.25mm(65齿-150齿)
Max web width	卷筒纸最大宽度	320mm/450mm
Max unwinding diameter	最大放卷直径	500mm
Max rewinding diameter	最大收卷直径	450mm
Overalldiameters (LxWx H)	外形尺寸	1650x1000x1700mm
Machine weight	整机重量	About 650kg/750kg

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes:With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

LP320/520-UV Ink Jet Printing Machine 标签喷码机



Performance and Characteristics

- LP320-UV Ink Jet Printing Machine adopt industrial piezoelectric type nozzle and DOD inkjet control technology, long service life and low maintenance costs.
- Support the spray print of the text, digits, normal one-dimensional bar code, two-dimensional bar code and electronic supervision code.
- High spray printing precision, horizontal spray print DPI can be elected, vertical DPI can be elected from 180-720 dpi.
- High speed, the spray speed is about 50-120m/min.
- UV environmental ink, low costs, ink costs of the single label is lower than thermal transfer technology.
- Adopt roll to roll feeding way, has unwind and rewind device, the max material width is 330mm.
- Imported web guide system and tension control, the machine can operate more steadily.
- Unwind, spray print, solidify, inspect, waste discharge and rewind adopts integrative design, higher efficiency and more humanized management.

Integrative Design 一体化设计



Main Technical Parameters 主要技术参数

Model	型号	LP320/520-UV
Best work speed	最佳工作速度	30-50 m/min (K series) 70-120 m/min (G series)
Nozzle service life	喷头使用寿命 (年)	≥2years
Best work DPI	最佳工作分辨率	360X400DPI. 360X300DPI
Nozzle width	喷头宽度	13mm/36mm/72mm
Max. printing width	最大打印宽度	330mm/520mm
Max. printing unit	最大打印单元数	8units
Printing precision	打印精度 (dpi)	横向 horizontal 360,400,500dpi 纵向 vertical 180-720dpi
Highest speed	最高速度	120m/min 200m/min

注：随着印刷长度的变化，机器速度也随之变化。*外形、工艺如有变动，恕不另行通知；
Notes: With the variation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.

性能及特点

- 采用工业压电式喷头和DOD喷墨控制技术，喷头使用寿命长，维护成本低。
- 支持文本、数字和各种常见一维条码、二维码和电子监管码的喷印。
- 喷印精度高，喷印横向分辨率多种可选，纵向分辨率从180到720DPI可选。
- 生产速度快，喷印速度可达50-120米/分钟。
- UV环保墨水，生产成本低，单个标签的油墨生产成本远低于热转印技术。
- 采用卷筒进料方式，具有放卷和收卷机构，材料幅宽可达330毫米。
- 进口纠偏系统、张力控制，整机运行更稳定。
- 放卷、喷印、固化、检测、排废、收卷，一体化设计，更高的生产效率，更人性化管理。

ZJP-N8033 Printing Quality Inspection Rewinding Machine 复卷检品机



Performance and Characteristics

- High-speed inspection (up to 240 metre/minute) to achieve productivity enhancement.
- Equipped with imported servo motor, international advanced web guide device, and closed loop tension control.
- Optional defect review machine to achieve non-stop detecting which available to improve the efficiency of inspection.

性能及特点

- 高速检测，检测速度达240m/min，生产效率高。
- 采用进口伺服电机驱动，国际先进纠偏装置，闭环张力控制。
- 可选配缺陷复查机，实现连续不停机检测，提高检测效率。

Main Technical Parameters 主要技术参数

Model	型号	ZJP-N8033
Maximum Inspection Width	最大检测幅宽	30mm~240mm, 可定制 Customizable
Maximum Inspection Speed	检测速度	0.08mm (宽/Width) × 0.14mm (长/Length), 可定制 customizable
Image Resolution	图像采集分辨率	Customizable
Minimum Defect Size(As A Point)	最小点状缺陷尺寸	0.15mm ² (对比度/Contrast≥20)
Minimum Defect Size (As A Line)(WXL)	最小线状缺陷尺寸 (宽度×长度)	0.15mm×5mm (对比度/Contrast=20)
Minimum Color Variances Detected	色差检测	Δ E≥3
Minimum Registration Deviation Detected	套印偏差检测	±0.2mm
Material Thickness	可检材料厚度范围	0.08~0.4mm
Maximum Rewind Diameter	最大料卷直径	800mm/650mm
Core Inner Diameter	纸筒内径	φ 76mm, φ 150mm
Module(Optional)	软件模块 (选配)	电子监管码、二维码等可变信息检测模块。 Variable information detection module such as electronic supervision code and QR code.