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Our company reserves the right to change technical  
characteristics without further notice.

Innovation Begins...  
创新始于...

**WEIGANG** 炜冈

创新始于

# 明确的目标

## 身处商标机行业核心领域

浙江炜冈科技股份有限公司位于风光秀丽的东海之滨，是一家集开发、生产、销售和服务为一体的国家高新技术企业，我们以标签印刷机为公司核心领域，专注发展高端优质业务。作为标签印刷设备制造商，为该领域范围的客户提供全面的产品服务。

## In the center of label machinery industry

Zhejiang Weigang Technology Co.,Ltd. located in the east part of China (500km away from Shanghai), is a national high-tech enterprise which involves R&D, production, marketing and service. We are specialized in manufacturing narrow label printing machines and converting machines.



## 经营之道

本公司拥有丰富的经验及强大的技术力量，自主研发开发的组合式高速全轮转（套筒）胶印机、机组式柔性版印刷机、间歇式PS版商标印刷机（胶印）、柔性版印刷机、模切机等印中、印后设备畅销全国，出口德国、意大利、俄罗斯、日本、美国等国家和地区，并通过了ISO9001:2015国际质量管理体系认证及欧盟CE认证。多年来，卓越的产品品质和良好的信誉赢得了广大客户的青睐和好评，为社会创造了效益。

## 价值观

使质量文化渗透到每一个领域，并成为了公司员工的一种自觉行为。公司不断吸纳和培养适用现代企业管理的高级管理人才，全面导入CIS企业形象策划的战略工程，提升品牌文化。

## The WEIGANG way

We have rich manufacturing experiences and technical strength. We are competent in developing and researching label offset printing machine, flexo printing machine, rotary/intermittent/flat bed die-cutting machine, etc. They are well accepted all over China and exported to nearly 80 countries/regions such as Germany, Italy, Russia, Japan, USA, UK and so on. Weigang has passed the ISO9001:2015 international management system certification and CE certification. For years, our quality products have won us good reputation in the global market and also create benefits for the society.

## Values

The quality culture has penetrated into every field and has become a conscious behavior of company employees. The company continuously absorbs and trains senior management talents who are suitable for modern enterprise management, fully introduces the strategic project of CIS corporate image planning, and enhances brand culture.

## 坚持可持续发展原则

帮助人们改善生活环境及创造附加价值，是炜冈的主要目标之一，公司坚持可持续发展原则，切实实践责任关怀，立足于为当前人类及未来子孙谋福利，在公司（健康、安全、质量）管理政策的指导下，在日常工作中坚持可持续发展原则。

登陆公司网站 [www.weigang.cn](http://www.weigang.cn) 了解更多关于炜冈产品及服务的信息。  
please visit [www.weigang.cn](http://www.weigang.cn) for more information

## Adhere to the Principles of Sustainable Development

Helping people to improve their living environment and create added value is one of the main goals of Weigang. Our company adheres to the principle of sustainable development, practically implements responsible care, and is based on the welfare of current humankind and future generations. Under the guidance of the company's (health, safety, quality) management policies, adhere to the principle of sustainable development in daily work.



创新始于

## 丰富的经验

START THE  
NEXT ERA  
开启全新的20年

1996

国内首台平压平数控不干胶模切机  
Launched the first flatbed  
label die-cutting machine in China

2000

国内首台层叠式柔性版印刷机，  
开创柔性版印刷机的新时代

Launched the first tower type flexo printing machine in China

2005

公司主导产品通过欧盟 CE 认证  
Products passed CE certifications

2008

开发研制国内首台商标胶印机

Launched the first label offset printing  
machine in China

2009

ZBS-320G 型柔性版印刷机

被认定为省级工业新产品

ZBS-320G model flexo printing machine  
was honored as new industrial products《不干胶标签印刷机》行业标准第一起草单位  
The first drafting company for the industry standard  
"Adhesive label printing machine"

2010

通过 ISO9001:2015 质量管理体系认证  
Passed ISO9001:2015 quality system

2011

“全自动卷筒商标胶印机”获国家火炬  
计划项目证书ZX-320 label offset printing machine was  
honored as National Torch Plan

获国家高新技术企业

Be honored as National high-tech enterprises

2012

“全自动卷筒商标胶印机”获科技型  
中小企业技术创新基金Semi-rotary label offset printing machine received  
state-based Innovation Fund

《层叠式柔性版印刷机》行业标准第一起草单位

The first drafting company for the industry standard "tower  
type flexo printing machine"

2013

“多功能间歇式商标成型机”获国家火炬计划  
产业化示范项目证书multi-functional label offset machine won Certificate of  
national torch plan industrialization demonstration projects

获省级高新技术企业研究开发中心

Be honored as Provincial high-tech enterprise research  
and development center

获国家火炬计划重点高新技术企业

Be honored as National Torch Plan VIP high-tech enterprises

2014

获平阳县县长质量奖  
The Mayor Quality Award

2015

获省级企业研究院、浙江省著名商标、  
浙江省科学技术进步三等奖、温州市领军企业Be honored as Provincial enterprise research Institute, Zhejiang  
famous Brand, Zhejiang province science and technology  
progress third prize

2016

研发出国内第一台机组式（套筒）

柔性版印刷机，并荣获省专利示范企业、省名牌产品

Launched the first Modular Flexo printing machine  
(Sleeve type) in China, Be honored as provincial patent  
demonstration enterprises, provincial brand-name products

2017

荣获国家知识产权优势企业、  
温州市领军企业、温州名牌产品Has won the national intellectual property superiority  
enterprise, Wenzhou leading enterprise, Wenzhou famous  
brand product

2018

起草“浙江制造”标准并通过“品字标”认证；  
浙江省隐形冠军、浙江省 AAA “守合同 重信用”企业Setting "Zhejiang Made" Standard, winning "Defined  
Quality" Award, "Zhejiang Hidden-Champion" Award,  
Zhejiang province AAA class "Contract-honoring and  
Credit-Reliable" Enterprise

2019

研发出组合式高速全轮转（套筒）胶印机  
Developed the first High-speed rotary offset combination  
printing machine(with sleeve technology) in China荣获中国印刷及设备器材工业协会科学技术  
一等奖、荣获改革开放 40 周年机械工业杰出产品、  
通过 ISO/IEC 20000-1:2011 信息技术服务管理体  
系认证、通过 GB/T 22080-2016/ISO/IEC 27001  
-1:2013 认证Won First prize for science and technology of China Printing  
and Equipment Industry Association, won the outstanding  
product of the machinery industry in the 40th anniversary of  
reform and opening up, Passed ISO/IEC 20000-1:2011  
information security system, Passed GB/T  
22080-2016/ISO/IEC 27001-1:2013 information technology  
service management system

2020

荣获国家工信部第二批专精特新“小巨人”企业、  
通过两化融合管理体系认证Won the second batch of "little giant" enterprises of the  
Ministry of Industry and Information Technology, and passed  
the certification of the integration of informatization and  
industrialization management system

# 创新始于 广泛的应用



包装因我们更精彩  
We make the packaging  
more and more exciting



Innovation  
Never Stops  
创新从未止步



日化标签  
Daily Chemical Label



食品标签  
Food Label



葡萄酒美纹标签  
Wine Label



酒类标签  
Alcohol Label



防伪标签  
Security Label



药品标签  
Pharmaceutical label



电子标签  
Electronic label



机油标签  
Oil Label



MAJOR  
APPLICATIONS

八大应用领域

炜冈为您提供多种包装领域的  
标签解决方案  
To provide you with a variety of packaging  
labeling solutions.





## 创新始于 精湛的工艺

### 汇聚炜冈精湛制造工艺

本公司专注于研制开发标签印刷、模切等相关配套产品。公司成立以来一直在标签印刷设备领域为全球客户提供完善的标签印刷解决方案及相关技术支持。

作为标签印刷设备领先的制造商，公司拥有省内第一个具有规模的数控加工中心、三坐标检测仪。

### Advanced Manufacturing Techniques

WEIGANG is professional in R&D narrow label printing machines and converting machines. Since establishment, we supply full range of narrow label solutions and relevant technological support to the users worldwide. Our company is the first one who has CNC center and equips with Coordinate Measuring Machine in Zhejiang province.

UNPRECEDENTED  
PRODUCTION SCALE  
空前的生产规模



三坐标检测仪  
Coordinate Measuring  
Machine



数控加工设备  
Advanced CNC  
Equipments



拥有3.1万平方米生产车间  
31000 Square Meters Of Workshop

FOCUS ON  
INNOVATION





# 创新始于 专业的服务

## 倾听客户需求

listen to the user's needs

每个行业都对他们的合作伙伴有着特殊的要求，每时每刻，精益求精。

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。

Every industry has special requirements for their partners, and always strives for excellence.

The first step to win customer satisfaction is understanding customer needs. For this reason, when we meet new customers, we must first and foremost listen to the needs of customers.

Our latest position is to continue technical innovating and improving all the innovative capacity of our team in order to supply quality products to our users and be orientated by the market.



### 服务最规范

The Most Standardized Service

完善服务流程，使客户有最佳的服务体验  
Improve the service process so that customers have the best service experience



### 服务范围最广泛

The Widest Range of Services

服务范围全球超过 89 个国家及地区  
Serving more than 89 countries and regions worldwide



### 售后服务最及时

The Most Timely After-sales Service

24 小时在线服务，及时解答客户难题  
24-hour online service to answer customer questions in a timely manner

最佳的用户体验是我们最终目的  
For better user experience

## 服务流程 Service Process

售前  
Pre-sales



洽谈 Talk  
实地考察 Site Survey  
产品分析 Product Analysis.  
提供可行的解决方案  
Workable Solutions Provided

售中  
In-sales



签订生产及服务协议  
Sign A Production And Service Agreement  
提供技术支持  
Technical Support Supplied  
实现生产效益最大化  
Maximize The Production Effectiveness

售后  
After-sales service



售后培训  
After-sales Training Course  
零部件提供  
Supply Of Spare Parts  
7x24 小时在线服务  
7x24-hours Hot Line Service

31000<sup>m<sup>2</sup></sup>

SCALE  
占地面积



7000<sup>家</sup>

GLOBAL  
USERS  
全球用户



98%

CUSTOMER  
SATISFACTION  
满意服务



12<sup>个月</sup>

WARRANTY  
保修时间



24<sup>小时</sup>

ON-LINE  
SERVICE  
在线服务





创新始于

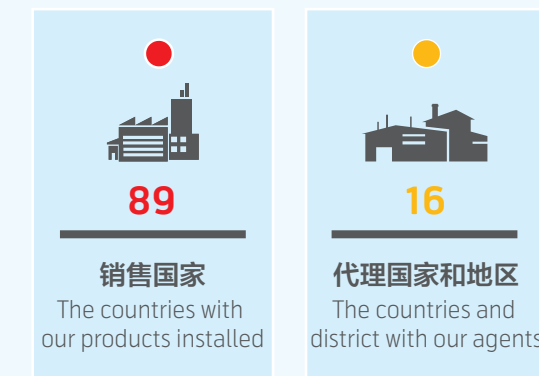
# 战略的目光



长期的发展为我们积累了宝贵的行业经验，让我们对市场的发展有了敏锐的洞察力。现在我们已经在全球 16 个国家和地区设置了代理点，产品远销 80 多个国家及地区。

Long-term development has accumulated valuable industry experience for us, and has given us a keen insight into the development of the market. Now we have set up agents in 16 countries and regions all over the world, and our products are exported to more than 80 countries and regions.

## 国内外业务现状 Current Status Of Domestic And Overseas Business Sites



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# ZP-520/680/900/1200

Rotary Offset Printing Machine  
组合式高速全轮转（套筒）胶印机

## 主要特点

- 一、组合式高速全轮转（套筒）胶印机拥有国内及国际专利技术 20 多项，填补了国内全轮转（套筒）胶印机的空白。
- 二、采用连续式胶印印刷方式，套筒式可变径印刷滚筒技术，印刷速度快，印刷质量高。
- 三、版滚筒与转印滚筒采用气胀套筒式，换版时间短、简单易操作，效率高。
- 四、墨路自动调整适应版滚筒外径变化的位置变化，优化设计传墨路线，匀墨效果好；印刷压力平稳，且调整方便。
- 五、放卷使用自动张力控制，自动纠偏进纸。
- 六、印刷张力能精确实现闭环自动控制，高速走纸平稳，印刷张力稳定，保证高速度、高精度的印刷。
- 七、实现自动预套准、色标自动跟踪套准及二次追印功能。
- 八、静止画面监控装置可选装印刷在线检测、动态反馈、及时调整，提高印刷品合格率。
- 九、本机采取集成一体化印刷机组合，以胶印为主，配合柔印、凹印、冷烫、热烫、模切、压痕，可任意组合。
- 十、本机适应印刷材料：不干胶纸、纸张、薄膜（BOPP、PET、PP、PVC）等材料。

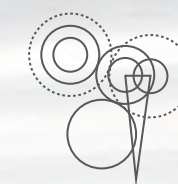
## Features

1. High-speed rotary offset printing machine(with sleeve technology)owns more than 20 national and international patents.
2. Continuous offset printing mode and variety printing sleeve technology makes fast printing speed and high printing quality.
3. The plate roller and the blanket roller adopt the air expansion sleeve type achieves short plate changing time, easy operation, and high efficiency.
4. The inking system and water system are automatically adjusted according to variable printing sleeve. Super inking system makes the inking move evenly, printing pressure more stable and easy adjusting.
5. Unwinder has automatic tension control and is equipped with web guider.
6. Printing tension controls automatically, the web passing smoothly even at high speed, stable printing tension ensures high-speed and high-precision printing.
7. This machine has the function of automatic pre-registration, automatic registration by photocell after set-up and second pass with registration.
8. Inline inspecting system can be installed according to user's requirement.
9. Based on offset printing units, machine can combine with other functions such as flexo, gravure, cold stamping, hot stamping, die cutting, embossing and so on.
10. This machine is suitable for variable substrates, such as: self-adhesive paper, paper and unsupported film (BOPP,PET,PP,PVC, etc.).

## 设备亮点 Technical highlights

ALWAYS FOCUS ON  
ADVANCE TECHNOLOGY  
AND KEEP INNOVATING

着眼于未来的先进技术  
创新永不止步



可变径套筒式印刷系统  
Variable Printing Sleeve



自适应墨路系统  
Automatic Ink  
Control System



UV、水冷装置  
UV Dryer With Water Chiller



20 多项  
国内及国际专利技术

More than 20 domestic  
international patented  
technologies



# ZP-520/680/900/1200

## Rotary Offset Printing Machine 组合式高速全轮转（套筒）胶印机



### 重型胶印单元

采用高品质的重型胶印印刷单元，优化设计良好的墨路系统，快速传墨，重墨色转移，能有效防止墨杠及鬼影等现象的产生，印刷精细度及清晰度更好，使印刷质量大大提高。

### Heavy Offset Printing Unit

High quality heavy offset printing unit with well-designed inking system which can transfer ink fast & evenly, avoids gear mark and ghost image effectively. The printing quality can be highly improved.



### 可变速套筒式印刷滚筒

版滚筒和转印滚筒外径同时变化，自适应印刷不同尺寸图案的长度，换版速度快，印刷效率高。

### Variable Printing Sleeve

When the printing job with different repeat length, just change both plate and blanket sleeve accordingly. The sleeve changing is very fast and efficient.



### 自动控墨装置

一键式调节，墨量自动控制，精准供墨，提高印刷效率和印刷质量，减少浪费。

### Automatic Ink Control System

One-button setting, ink control is automatically, because of ink supply automation and precision, it improves the printing efficiency & quality, and reduces wastage.



### 柔性印刷单元

为了印刷品更亮丽，在柔印单元上可以作全部上光或局部上光，还可逆向磨砂，用户可根据需要加装。

### Flexo Unit

In order to print more shining, the flexo unit can do spot varnishing or full varnishing or drip off, can be installed according to user's requirement.

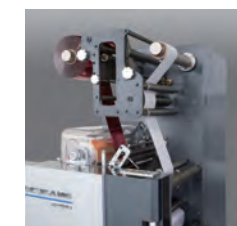


### 冷烫装置

局部冷烫、定位冷烫，转移隐形镭射。用户可根据需要加装。

### Cold Stamping Unit

Cold stamping with registration and hologram transfer, can be installed according to user's requirement.

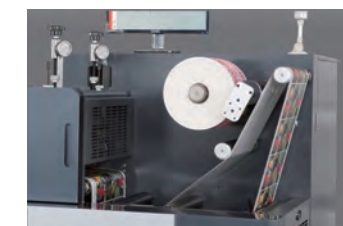


### 模切单元

圆刀模切单元中的模切辊采用磁性滚筒，方便更换，使印刷、模切一次完成，操作简单，成本低，高实用性，用户可根据需要加装。

### Die-Cutting Unit

Adopts magnetic roller, the printing and die-cutting can be finished at one time. It can be installed according to user's requirement.



### 排废

滚雪球式排废装置，排废速度与印刷速度匹配。

### Matrix Unit

Snowball type waste collecting device, matrix speed synchronizes to the printing speed.



### 人机界面

触摸式控制计算机，更快的运算速度，15寸超大触摸式显示主控区域，界面友好，操控方便；各印刷单元均配有独立的7寸触摸屏控制，印刷单元的控制均可独立轻松操作。丰富的人机对话内容，多方位的检测显示界面，使得操作更为简单，各种故障信号即时显示，大大缩短了排查及修复时间。

### Human Machine Interface (HMI)

Touch control panel, faster operating speed. main control with 15inch large touch screen, friendly design and easy operation; each printing unit equips with 7inch touch screen, can be operated independently and easily. Error alarms will be displayed instantly, which shortens the trouble shooting and repairing time greatly.

### 技术参数 Main Technical Parameters

机型	Model	ZP-520	ZP-680
印刷最高速度	Max. printing speed	170m/min	160m/min
印刷色数	Printing color	4-12色 (Colors)	4-12色 (Colors)
印刷最大宽度	Max. printing width	520mm	680mm
卷材最大宽度	Max. web width	540mm	700mm
印刷周长	Printing repeat length	381-686mm(15-27 inch)	432-686mm(17-27 inch)
放卷最大直径	Max. unwinding dia.	1000mm	1000mm
收卷最大直径	Max. rewinding dia.	1000mm	1000mm
主机外形尺寸	Dimensions(LxWxH)	15.2m × 3.7m × 2.1m (放卷 + 冷烫柔印 + 5色胶印 + 柔印 + 模切 + 收卷) Unwinder+Flexo unit with cold stamping+5 Offset units+Flexo(varnishing)+ Die-cutting unit+Rewinder	





# ZJR-350/450/650

Flexo Printing Machine  
机组式柔性版印刷机

设备亮点 Technical highlights

THE EXCELLENT TECHNOLOGY  
DRIVES THE FUTURE  
OF FLEXO PRINTING MARKET!

精湛的工艺，  
驱动柔性版印刷机的未来！



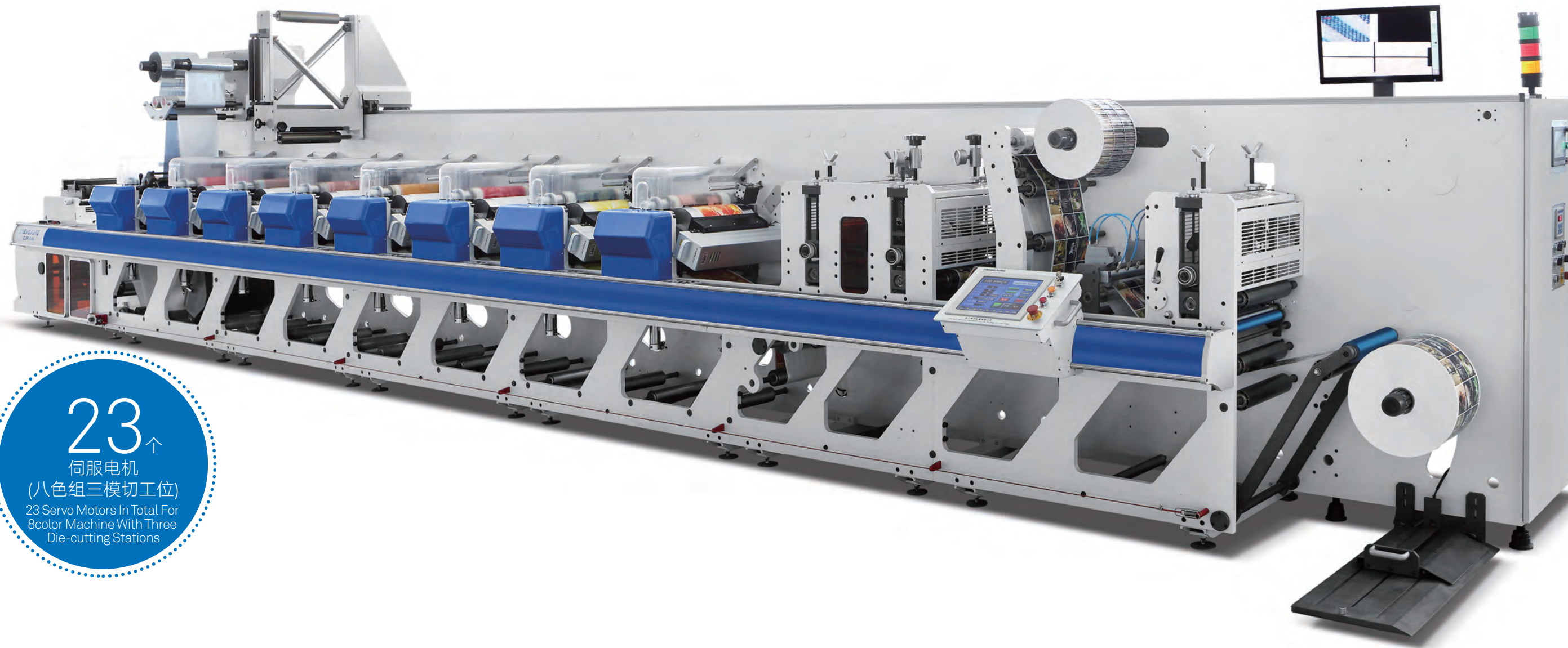
气涨套筒式版辊筒  
Printing Sleeve Type



走辊肩印刷辊  
Printing Roller Run  
By Bearer



UV、水冷装置  
UV Dryer with Water Chiller



23<sup>↑</sup>

伺服电机  
(八色组三模切工位)  
23 Servo Motors In Total For  
8color Machine With Three  
Die-cutting Stations



# ZJR-350/450/650

## Flexo Printing Machine 机组式柔性版印刷机

Intelligence Leads Innovation  
Green Makes the Future  
智能引领创新 绿色成就未来

### 主要特点

- 一. 整机控制系统采用德国最新伺服电机控制及操作系统, 每一机组单元均由独立伺服电机驱动, 整台机共采用 23 个伺服电机(八色组三模切工位), 为机器高速运转中高精度套准提供了保障。
- 二. 版辊筒采用气胀套筒式, 版辊筒轻盈而且不需配齿轮, 换版辊筒操作快捷、方便、简单。由于版辊筒上没有齿轮既提高印刷质量又减轻对版辊筒的维护。
- 三. 印刷、传墨压力调整: 版辊筒采用走辊肩方式, 调节印刷压力及传墨压力对两边相应的支撑架作微调, 版辊筒换大换小印刷压力不需有大的调节, 有特殊印刷要求也只需作一点点微调, 使印刷的效率大大提高(之前结构每次印刷都要重新调节传墨压力及印刷压力, 既费时又费材料)。
- 四. 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。
- 五. 本机适用于 PET、OPP、CPP、PP 等各种膜类材料的印刷。

### 技术参数 Main Technical Parameters

机型	Model	ZJR-350	ZJR-450	ZJR-650
印刷最高速度	Max. printing speed	180m/min	180m/min	180m/min
印刷色数	Printing color	4-12 色 (Colors)	4-12 色 (Colors)	4-12 色 (Colors)
印刷最大宽度	Max. printing width	350mm	450mm	650mm
卷材最大宽度	Max. web width	360mm	470mm	670mm
印刷周长	Printing repeat length	Z76-190 (241.3mm-603.25mm)	Z76-190 (241.3mm-603.25mm)	Z96-230 (304mm-730.25mm)
放卷最大直径	Max. unwinding dia.	900mm	900mm	1000mm
收卷最大直径	Max. rewinding dia.	900mm	900mm	1000mm
主机外形尺寸 (八色组、三模切工位)	Dimensions(L×W×H) (For 8 colors, 3 die cutting stations)	10.83m × 1.56m × 1.52m	10.83m × 1.68m × 1.52m	10.0m × 1.88m × 1.56m (此型号无模切工位)

### Main Features

1. The whole machine adopts the latest servo control system from Germany and each printing unit is driven by independent servo motor. There are 23 servo motors in total for 8-color machine which ensure the accurate registration during high speed running.
2. The printing roller adopts sleeve system which is light, easy, convenient and fast to change. This type of design is largely improve the printing quality and reduces the maintenance.
3. Fast and easy pressure adjustment of printing or ink transferring: Printing roller run by bearer, it's not necessary to adjust the pressure when change the roller, or at most fine adjustment for special job.
4. Anvil roller equipped with water chiller, which is good for film material.
5. Suitable for printing variety film material, such as PET, OPP, CPP, PP and so on.



套筒式版辊筒  
Sleeve



UV、水冷承印辊  
UV Dryer and  
Anvil Roller with Water Chiller



移动式反转架  
Movable Turn Bar



排废装置  
Matrix Unit



移动式总控台  
Movable Touch Screen



模切辊升降装置  
Die Cutting Roller Lifter



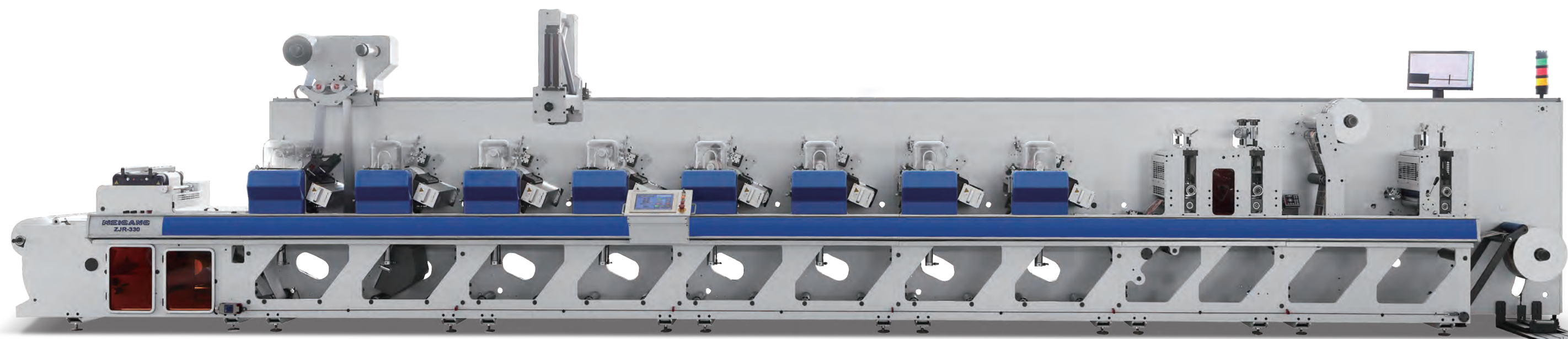
热风烘箱 (选配)  
Hot Air Dryer (Option)



移动式冷烫装置 (选配)  
Movable Cold Stamping (Option)



分切装置 (选配)  
Slitting Unit (Option)





# ZX-320/450

Intermittent Label Offset Printing Machine  
间歇式PS版商标印刷机(胶印)

## 特点

该机器整套控制系统采用国外著名厂家最新微机伺服控制及操作系统，拖料稳定正确，免换印辊，操作快捷、方便、简单。采用PS版间歇印刷，非常合适印刷小批量以及大批量的高端标签，是各印刷厂家印刷高档不干胶商标最理想的机型。

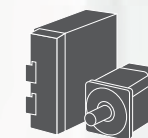
## Main Features

ZX-320 machine adopts latest servo control system which can ensure the material nip steady and accuracy. It can free from the printing roller change. The operation of this machine is faster, convenient and simple. PS plate intermittent printing hits the high level label demands from short run to long run. It's the best choice for printing highest quality labels with lowest production cost.

## 设备亮点 Technical Highlights

TO MEET THE USER'S  
NEEDS FOR ALL HIGH-END  
LABELS FROM SHORT  
RUN TO LONG RUN

满足用户对各类高品质  
产品的严格要求



微机伺服控制操作系统  
Servo Control System



PS版间歇印刷  
Ps Plate Intermittent Printing



重型胶印单元  
Heavy Offset Printing Unit

300x350

超大印刷面积  
Super Large Printing Area



# ZX-320/450

Intermittent Label Offset Printing Machine  
间歇式PS版商标印刷机(胶印)

Expert Of Label Printing Machine  
实现商标印刷机专家之路

## 技术参数 Main Technical Parameters

机型	Model	ZX-320	ZX-450
印刷速度	Printing speed	50-180 rpm/min	50-150 rpm/min
印刷色数	Printing color	4-10colors	4-10colors
印刷最大长度	Max. printing length	350mm	380mm
走料最大宽度	Max. web width	320mm	470mm
印刷最大宽度	Max. printing width	300mm	450mm
放卷最大直径	Max. unwinding diameter	700mm	700mm
收卷最大直径	Max. rewinding diameter	600mm	600mm
电源	Power supply	3 phase 380V	3 phase 380V
总功率(不含UV)	Total power	33.6kw(without UV power)	40kw(without UV power) 不含 UV
主机外形尺寸	Dimensions (L×W×H)	10550×1600×1800mm (六组 6colors)	11150×1700×1800mm (六组 6colors)
主机重量	Main machine weight	about 9.5t	about 11.5t

## 电脑光电跟踪装置

超大印刷面积 300×350mm, 最大印刷周长可达350mm, 最高线速度可达63米/分钟。利用高精度的电脑光电跟踪装置可保证正反面重复套印, 增加商标印刷多样化。

## Second Pass Register Sensor

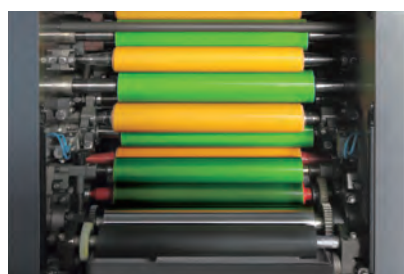
Super large printing area of 300x350mm, the max repeat length can go up to 350mm and the max running speed can be 63m/min. By high-precision photo-cells, the machine ensures multi-register print on both side, make the possibility of label variety.





# ZX-320/450

## Intermittent Label Offset Printing Machine 间歇式PS版商标印刷机(胶印)



### 重型胶印单元

采用真正高品质的重型胶印印刷单元，由19根墨辊、4根靠版辊及4根水辊组成(酒精润版系统)，有良好的墨路系统，能有效防止墨杠及鬼影现象的产生，使印刷质量大大提高，印刷的精细度及清晰度是凸版印刷机无法实现的。

### Heavy Offset Printing Unit

Printing unit: adopting high quality and heavy offset printing unit. Assembled with 19 pieces of ink rollers, 4 pcs of Form Rollers and 4 pieces of Water rollers (alcohol dampening system), has nice inking system which can largely avoid gear mark and ghost image. The fine and accurate printing would never be reached by flexo/letterpress machine.



### 无轴传动装置

每一机组单元均由独立伺服电机驱动，整台机共采用十五个伺服电机(六色机)，为机器在高速运转中的高精度套准提供了保证。各印刷单元调节横向和纵向的移动均有独立电机控制。(改变以往人为去各印刷单元调节，即增加劳动强度又浪费材料。)

### Shaftless Driving System

Every printing unit run by an independent servo motor, 15 sets of servo motors in total for whole machine (6color) to ensure the exact color registration during high speed operation. The vertical and horizontal motions of every printing unit are all controlled by independent motor (ease the laboring and reduce the waste).



### 静止画面监控装置

利用静止画面监控(标配)，可以不停机在主控台上调节印刷品的横向及纵向套准，有效地提高了印刷品的质量及产能。

### Video Inspecting System

By video still system, the machine can regulate vertical & horizontal registering without stopping, it improves the printing quality and increases the producing capacity.



### 触摸式控制系统

触摸式控制计算机，更快的运算速度，12寸超大触摸式显示主控区域，各印刷单元均配有独立的触摸屏控制，可供单人或多人同时操作，操作工无需抱着控制台跑前跑后，在每个印刷单元均可独立轻松操作。丰富的人机对话内容，多方位的检测显示界面，使得操作更为简单，各种故障信号即时显示，大大缩短了排查及修复时间。

### Touch Screen Control System

Touch LCD screen, faster CPU, 12 inch operating display, independent touch screen in each printing unit, powerful human-computer dialogue system, multi-guide inspecting display interface, instant alarm signal, makes operation much easier and more efficient.

### \*可供用户选配: \*Available Options



### \*冷烫单元

连线生产的冷烫，速度快，效率高，给色彩、图文增加了很好的装饰效果，用户可根据需要加装。

### \*Cold Foiling Unit

Inline cold foiling, has the characteristic of fast speed, high efficiency, increase the decorative effect for color and graphic.



### \*丝印单元

连线生产的丝网，墨层厚实，立体感强，用户可根据需要加装。

### \*Screen Printing Unit

Inline flat screen printing, has characteristic of thick ink layer, strong relief perception.



### \*圆刀模切单元

圆刀模切单元中的模切辊采用磁性滚筒，免更换，加工不同产品只需更换柔性模切刀，使印刷、模切一次完成，操作简单，低成本，高实用性，用户可根据需要加装。

### \*Rotary Die Cutting Station

One big magnetic cylinder used in this machine, largely saves the tooling cost. Different die-cutting job can be achieved by changing the flexible die.



### \*采用封闭式刮墨系统/光油上光单元

为了印刷品更亮丽些，光油上光单元可以作全部上光及局部上光，用户可根据需要加装。

### \*Flexo UV Varnishing Unit with Chamber System

Flexo UV varnishing unit (both solid and spot) makes the printing more shining and attractive.



### \*胶面印刷单元

将不干胶纸剥离后，在胶面进行印刷并复合，用户可根据需要加装。

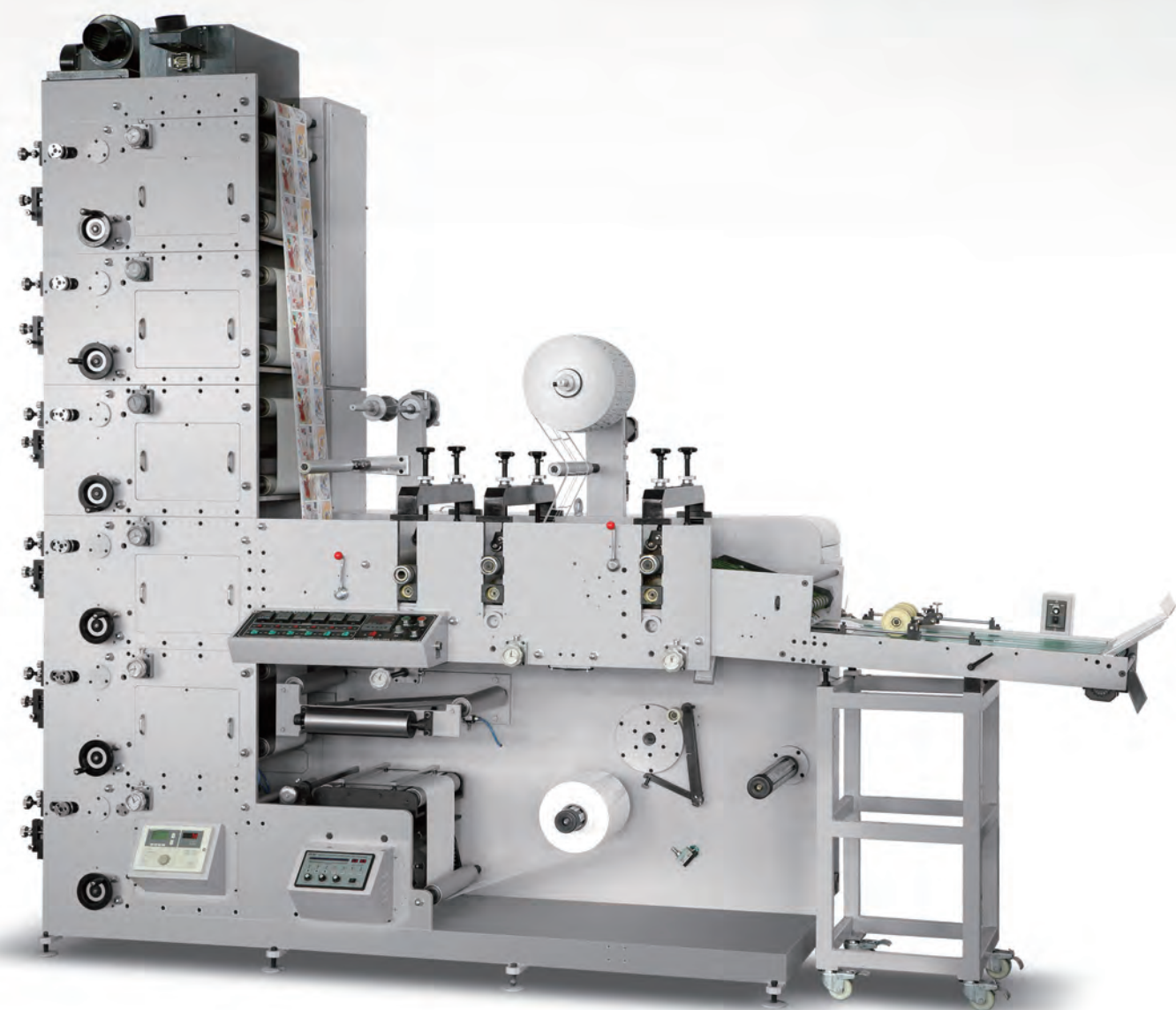
### \*Delam/Relam Unit

Delaminate the adhesive label, then printing on glue surface and re-laminating.



# ZBS-320G/450G

Label(logo) Flexo Printing Machine With  
Three Die-cutting Stations  
三模切工位柔性版印刷机



## 主要特点

1. 采用陶瓷网纹辊传墨。
2. 各印刷单元采用 360° 周向对版调节。
3. 随机配有三组模切工位，第一、第二组模切工位的模切辊和模切底辊可上、下互换，可作正面或反面模切并配有一组废料回卷单元，第三组模切工位可断张。
4. 电脑纠偏装置设在印刷组前面，这样的设计令卷纸在整个生产过程中，都保持在正确的左右位置上。(标配)
5. 可按用户需求选配切断张的输送台装置，由第三组模切工位断张后，使产品整齐输送出来。
6. 放卷、收卷由磁粉自动张力控制，并可加装双收卷。
7. 可按用户需求选配静止画面监控系统，在高速印刷时监控画面质量。
8. 停车时墨辊可自动脱离，并低速运转，以防水墨干结。
9. 主电机采用变频无级调速。
10. 从筒料供纸、印刷、上光、自动红外烘干、覆膜、模切、收卷或切张一次完成，是各类印刷厂印刷商业票据、高档不干胶最理想的机型。

## Main Features

1. Adopt the ceramic anilox cylinder to transfer the ink.
2. Each printing unit adopts 360° plate-adjustment.
3. Three die-cutting stations, the first and second die-cutting station can do double sides working, the third die-cutting station can be used as sheeter.
4. Computerized web-guiding system is installed in the front of printing unit, it ensures the material always in the right position. (standard configuration)
5. After sheeting in the third die-cutting station, conveyor belt can output the products orderly. (option)
6. Unwinding and rewinding tension are auto-controlled by magnetic powder, two rewinders is possible in this machine.
7. Video inspecting system is an option, it can watch the printing quality when in high speed.
8. The ink rollers will be separated from the printing roller, and keep running when the machine stops.
9. Main motor use inverter to adjust stepless speed.
10. The machine can finish material-feeding, printing, varnishing, drying, laminating, die-cutting, rewinding sheeter in a lump. It is an ideal machine for printing adhesive labels.



放、收卷均由磁粉自动张力控制  
Unwinding and Rewinding Tension are  
Auto-controlled by Magnetic Powder



纠偏装置  
Web-guider



三组模切工位  
Three Rotary Die-cutting Stations

注：带 \* 均为选配装置 (\*=Options)



\* UV 干燥装置  
\* UV Dryer System



\* 断张输送台装置  
\* Sheeter Conveyor



# ZBS-320/450

Label (logo) Flexo Printing Machine

柔性版印刷机



- |                        |  |
|------------------------|--|
| 1 IR 干燥装置<br>*UV 干燥装置  | Hot Air Dryer<br>*UV Dryer                     |
| 2 * 反转装置               | * Turn Bar                                     |
| 3 * 自动张力控制系统<br>(日本三菱) | *Tension Control System<br>(Mitsubishi, Japan) |
| 4 接纸台 * 纠偏装置           | Splicing Table and Web-guider                  |
| 5 复膜装置                 | Laminating Unit                                |
| 6 排废收卷装置               | Matrix Unit                                    |
| 7 圆压圆模切工位              | Rotary Die-cutting Station                     |
| 8 收卷张力控制               | Rewinding Tension Control                      |
| 9 气胀轴                  | Air Shaft                                      |
| 10 左右微调装置              | Adjusting Handle for Left/right                |
| 11 * 静止画面装置            | Video System                                   |

注: 带 \* 均为选配装置 (\*=Options)



12 柔版印刷组  
Flexo Printing Unit

13 360° 对版调节装置  
360° Registration Device

Superb Print Quality And  
Excellent Performance Ratio

精湛的印刷质量和出色的性价比  
形成完美的组合

## 主要特点

1. 采用陶瓷网纹辊传墨。
2. 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)。
3. 各印刷单元采用 360° 周向对版调节。
4. 各印刷单元均有一组红外烘干装置。
5. 随机配有一组模切工位,使印刷模切一次完成。
6. 停车时墨辊可自动脱离,并低速运转,以防水墨干结。
7. 主电机采用变频无级调速。
8. 从筒料供纸、印刷、上光、自动红外烘干、覆膜、模切、收卷一次完成。是各印刷厂印刷商业票据、高档不干胶商标最理想的机型。

## Main Features

1. Adopt the ceramic anilox cylinder to transfer the ink.
2. Unwinding and rewinding are controlled by magnetic powder brake/clutch.
3. Each printing unit adopts 360° plate adjustment.
4. Each printing unit equips with hot air dryer.
5. This machine with one die-cutting station, which makes printing and die-cutting can be finished in one process.
6. The ink rollers will be separated from the printing rollers, and keep running when the machine stops.
7. Main motor use inverter to adjust stepless speed.
8. The machine can finish material-feeding, printing, varnishing, drying, laminating, rewinding and die-cutting in a lump. It is an ideal machine for printing adhesive label.

## 技术参数 Main Technical Parameters

机型	Model	ZBS-320	ZBS-320G
印刷速度	Printing speed	60米/分(m/min)	60米/分(m/min)
可印色数	Printing colour	1-6色(colours)	1-6色(colours)
卷筒纸最大宽度	Max. web width	320mm	320mm
印刷最大宽度	Max. printing width	310mm	310mm
放卷最大直径	Max. unwinding diameter	600mm	650mm
收卷最大直径	Max. rewinding diameter	600mm	650mm
印刷周长	Printing length	177.8-355.6mm	177.8-355.6mm
		222.25-539.25mm (选配 Options)	222.25-539.25mm (选配 Options)
套印精度	Precision of chromatography	±0.1mm	±0.1mm
外形尺寸	Dimensions (LxWxH)	2000x1100x2600mm	2600x1100x2600mm
整机重量	Machine weight	约 (about) 2150kgs	约 (about) 3350kgs



# ZM-320

Rotary/semi-rotary  
Label Die-cutting Machine  
间歇·全轮转商标模切机

发明专利: Invention model patent  
专利号: ZL 201010169124.4

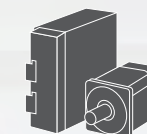
实用新型专利: Utility model patent  
专利号: ZL 201120129178.8  
ZL 201120129192.8

专利产品 仿造必究  
Patent Product Law Protection

设备亮点 Technical highlights

HIGH EFFICIENCY  
IS THE KEY TO SUCCESS  
FOR AN ENTERPRISE

高效 为企业开启成功之门



微机伺服控制操作系统  
Servo Control System



全轮转或间歇模切  
Full Rotary and  
Semi-rotary Mode



2 种

模切方式提供选择  
Super Large Printing Area





# ZM-320

## Rotary/semi-rotary Label Die-cutting Machine

### 间歇·全轮转商标模切机

#### 主要特点

ZM-320型间歇·全轮转商标模切机是我公司独立研发的集卷、机、电于一体的新型模切、分条设备。该机整套控制系统及伺服系统采用德国著名厂家最新产品，整机可按需要选配各种工位组合：放卷、纠偏、柔印上光、冷烫、复膜、分条、复卷。模切系统是我公司发明专利产品，可以根据产品需要使用全轮转模切或间歇模切，选择间歇模切时收、放卷，纠偏系统区域的张力保持一致（传统间歇式要挡纸边），不会发生模切产品在输送中偏移。间歇模切采用磁性辊筒，免更换，模切不同产品只需更换柔性模切刀。具有速度快，精度高，操作简单，提高工效，降低成本的特点。特别适合大、中、小批量和高质量要求的标签模切。批量特大产品只需在触摸屏里选择全轮转，换上相应的模切辊就可实现全轮转模切。大大提高了标签模切的质量和生产效率，为企业创造更大的利润空间，是印刷厂家必备的理想模切机设备。

#### Main Features

ZM-320 rotary/semi-rotary label die-cutting machine is new developed converting machine equipped with inline slitter. This machine adopts latest Rexroth-Bosch (Germany) servo motors and control system, including: unwinder, web-guider, lamination, register die-cutter, slitter and dual rewinder. The register die-cutting system is our patented product, it can be full rotary or semi-rotary die-cutter according to the production requirement. When ZM-320 runs in semi-rotary mode, the tension among unwinder, web-guider and rewinder will be the same (different from traditional intermittent type), the material will not run away during the die-cutting. Semi-rotary die-cutting unit adopts one big magnetic cylinder, if you have different applications, the only job is to change the flexible die. If the job is large quantity, then you can choose full rotary die-cutting mode (even in full rotary die-cutting mode, the registration is available and perfect), it will highly increase the die-cutting output. ZM-320 machine has the characteristics of fast speed, super accuracy, easy operation, high efficiency and less cost. It's good for all kind of label die-cutting jobs, include short run and long run. ZX-320 rotary/semi-rotary label die-cutting machine committes to make the maximum profit for you, it's an ideal converting machine for the printing house.



放卷装置，气动升降  
Unwinder with Pneumatic Lift



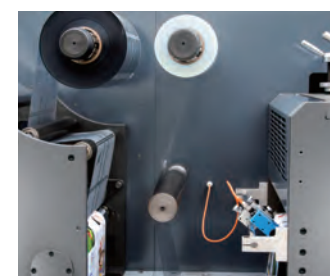
BST 纠偏装置  
BST Web-guider



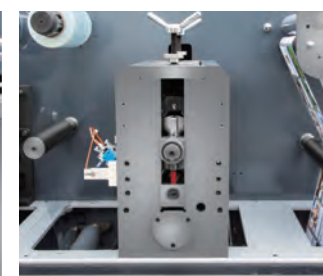
印刷（上光）工位  
Flexo (Varnishing) Unit



冷烫工位  
Cold Stamping Unit



复膜装置  
Lamination Unit



模切工位  
Die-cutting Unit



分切装置  
Slitting Unit



排废装置  
Matrix Unit



全伺服无轴传动装置  
Fully Servo Shaftless Driving System



德国著名厂家控制系统  
Germany Control System

#### 技术参数 Main Technical Parameters

模切速度（全轮转）	Max. die-cutting speed (rotary)	120m/min
（间歇式）	(Semi-rotary)	65m/min
模切长度（全轮转）	Max. die-cutting length (rotary)	190.5-539.75mm
（间歇式）	(Semi-rotary)	100-350mm
模切宽度	Max. die-cutting width	300mm
卷料宽度	Max. web width	320mm
放卷直径	Max. unwinder dia	700mm
收卷直径	Max. rewinder dia	600mm
定位精度	Die-cutting accuracy	±0.1mm
分切宽度	Slitting width	≥20mm
电源电压	Power supply	380V 3P
整机重量	Weight	2600kgs(1组模切、1组分切)
外形尺寸	Dimensions(LxWxH)	3220 × 1680 × 1660mm (1组模切、1组分切)

注：此机可按用户需要选配各种工位  
Note: Can be made according to buyer's requirement



# ZB-320

Automatic Label Inspecting Machine

标签检品机



## 有效地提高了标签质量和生产效率 增强企业竞争力

采用德国最先进的视觉缺陷检测系统,实现标签在印刷过程中产生的漏印、色差、套印及划痕等标签不良品的检测。该机检测速度快,精度高,在放卷处和分切前各配有一组德国 **BST** 纠偏装置,并配有一组分切工位来完成分条功能。有效地提高了标签质量和生产效率,增强企业竞争力。

## Fast speed, high accurate and easy operation, highly increased the final label quality and output.

ZB-320 Auto Label inspecting machine adopts latest **BST**(Germany) inspecting system. It can detect defective labels such as missing label, color differences, bad registration and scratched labels.  
This machine equips with inline slitting unit, has the characteristic of fast speed, high accurate and easy operation, highly increased the final label quality and output.



# ZB-320

Automatic Label Inspecting Machine

标签检品机

Remarkable Label Quality and  
Production Capacity  
脱颖而出的标签质量和生产效率

## 典型的瑕疵种类

Typical Defect Category



主控制台 Operating Table



分切单元 Slitting Unit



德国 **BST** 印刷瑕疵检测系统  
BST (Germany) Inspecting System



德国 **BST** 纠偏系统  
BST Web-guider

## 技术数据 Main Specifications

**相机:**  
LCCD 灰色相机或彩色相机

**Camera:**  
LCCD gray camera or  
color camera

**物料宽度:**  
最大为 320 毫米

**Max Web Width:**  
320mm

**光源:**  
散射光源和直射光源, 可选配背向光源  
**light:**

Scattering light and direct light,  
back light is optional

**轴向分辨率:**  
最大值为 0.07 毫米, 依应用而不同

**Max Axial Resolution:**  
0.07mm, depends on different application

**周向分辨率:**  
车速为每分钟100米以下时,  
周向分辨率为0.07毫米

车速为每分钟300米以下时,  
周向分辨率为0.3毫米

**Circumferential Resolution:**  
Speed under 100m/min, 0.07mm  
Speed under 300m/min, 0.3mm

**瑕疵的最小尺寸:**  
0.05平方毫米

**Min Defecting Size:**  
0.05 mm<sup>2</sup>

**物料:**  
适合于透明或表面反光的物料

**Material:**  
Transparent or reflective  
material are workable

**数据交换:**  
内置模拟调制器或集成以  
以太网接口的 DSL 连接

**Data Communication:**  
Modem or DSL connecting

**电源:**  
90V-132V, 50/60Hz, 400VA  
198V-264V, 50/60Hz, 400VA

**Power:**  
90V-132V, 50/60Hz, 400VA;  
198V-264V, 50/60Hz, 400VA

**工作环境温度:**  
最低 0℃

最高 40℃  
空气湿度 20%-80%,  
无凝结;

**显示器:**  
参见显示器的技术数据

**Working temperature:**  
0-40℃

humidity: 20%-80%,  
No coagulate

**库存温度:**  
-10℃至 +55℃,

**显示器:**  
参见显示器的技术数据

**Stock temperature:**  
-10-55℃

## 技术参数 Main Technical Parameters

机型	Model	ZB-320
最高检测速度	Max. inspecting speed	160m/min
检测宽度	Max. web width	320mm
放卷直径	Max. unwinder dia	650mm
收卷直径	Max. rewinder dia	650mm
分切宽度	Slitting width	20mm-300mm
总功率	Total power	5KW
电源电压	Power supply	380V/3P 50Hz
整机重量	Machine weight	1450kgs
外形尺寸	Dimensions(LxWxH)	2850 × 1000 × 1500mm



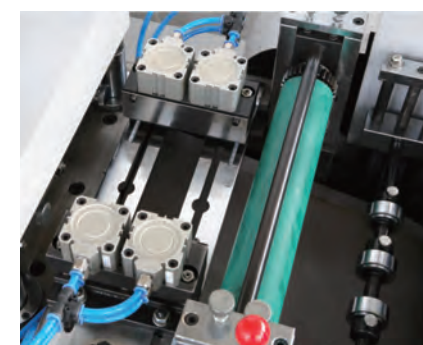
# WQM-320G/420

Adhesive Label (logo) Die-cutting Machine

自动不干胶商标模切机

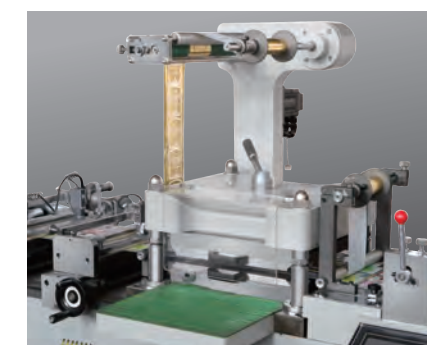


Affordable And Stable  
Your Best Choice  
经济 稳定 您的最佳选择



\* 打孔装置, 打电脑孔或中孔  
\*Punching System (can be middle or side punching)

注: 带 \* 均为选配置 (\*=Options)



\* 伺服烫金装置  
\*Hot-stamping Controlled By Servomotor



\* 复膜装置, 可在模切机不同位置上加装复膜装置  
\*Lamination Unit, can be installed in different position

## 主要特点

该机以平压平高精度模切, 拖料及切片由电脑控制, 印刷标两边及纵向由三只光电眼精确跟踪定位, 模切、收废、切片或自动贴标机用的卷筒一次完成。非常适合纸张不干胶商标、涤纶薄膜商标及镭射防伪商标的模切。该机是柔版印刷机、连续丝印机、凹版印刷机及防伪商标模压机最佳配套设备, 是各商标印刷厂最理想高效率的机型。

## Main Features

This machine adopts accurate flat die-cutting system, controlled by servo motor. There are two sensors to control the web-guider and one sensor to follow the registration mark. It's suitable for die-cutting all kind of adhesive labels and hologram labels. It's the ideal converting machine for flexo printing machine, screen printing machine and gravure printing machine.

## 技术参数 Main Technical Parameters

机型	Model	WQM-320G	WQM-420
模切速度	Cutting speed	20-220 次 / 分 (rpm/min)	20-210次/分(rpm/min)
放卷最大直径	Max.unwinding diameter	500mm	500mm
卷筒纸最大宽度	Max.web width	320mm	420mm
模切最大宽度	Max.die-cutting width	300mm	400mm
模切最大长度	Max.die-cutting length	300mm	400mm
定位精度	Accuracy	± 0.15mm	± 0.15mm
总功率	Total power	3.5kw	4.5kw
电源电压	Power supply	220v ± 10%	380v
整机重量	Machine weight	约 (about)1700kgs	约(about)2300kgs
外形尺寸	Dimensions(L×W×H)	2600×990×1400mm	2950 × 1350 × 1400mm

Ensure The Accuracy Of  
Every Detail

确保每一个细节的精度



# WQ-320

Screen Printing Machine  
卷筒丝网印刷机



## 主要特点

该机用于 PVC、OPP、涤纶、防伪商标、不干胶纸等卷筒材料作连续性印刷、烘干、收卷。此机性能特点是送料采用最新电脑数控伺服电机输送，主要传动部件采用了气动装置，印刷位置前后左右均由光电跟踪控制。使机器具有套印精度高、送料稳定、自动计数报警、调校方便、结构紧凑等特点。

## Main Features

The machine is used for printing reel material, such as PVC, OPP, Dacron, Security mark, adhesive tape, etc. The material towing is controlled by servo motor, the main machine driving part adopts pneumatic device, and the web-guiding is tracked by photocells. The machine has the characteristics of high accurate color register, steady material-feeding, automatic counter and alarm, convenient adjustment and compact structure, etc.

## 技术参数 Main Technical Parameters

机型	Model	WQ-320
印刷速度	Printing speed	10-50 次 / 分
放卷最大直径	Max. unwinding diameter	450mm
卷筒纸最大宽度	Max. web width	320mm
印刷最大宽度	Max. printing width	300mm
印刷最大长度	Max. printing length	320mm
定位精度	Accuracy	±0.15mm
主机功率	Main motor power	1200w
烘箱功率	Oven power	4100w
主机外形尺寸	Dimensions(L×W×H)	2400×950×1500mm
烘箱外形尺寸	Oven dimension(L×W×H)	1750×600×1800mm
整机重量	Machine weight	约 (about) 1100kgs

注：带 \* 均为选配置 (\*=Options)



\*UV干燥装置  
\*option: UV Dryer System

# DK-320/450/520

Slitting Machine  
自动分切机



## 主要特点

DK-320 型自动分切机是自动模切机的配套产品，此机适用于窄幅纸张分切。它具有自动计米、计数，设定长度、数量自动停机，放卷由光电自动纠偏控制等功能。整机结构紧凑、速度快、效率高、分切准确、操作简单、运行平稳等特点。

## Main Features

DK-320 slitting machine is used for narrow web slitting. It has the function of meter counting, label counting and pre-set stopping, there are two sensors to do the web-guiding. This machine is very compact structure, faster speed, high efficient, easy operation, accurate slitting and steady running.

## 技术参数 Main Technical Parameters

机型	Model	DK-320
分切速度	Slitting speed	80m/min
卷筒纸最大宽度	Max. web width	320mm
最大放卷直径	Max. unwinding diameter	500mm
最大收卷直径	Max. rewinding diameter	480mm
外形尺寸	Dimensions(L×W×H)	1100×900×1300mm
整机重量	Machine weight	约 (about) 480kgs



# DK-320G/450G

Slitting Machine With Rotary  
Die-cutting Station  
圆压圆分切机



## 主要特点

DK-320G 型圆压圆分切机是在 DK-320 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，它具有自动计米、计数，设定长度、数量自动停机，放卷由光电自动纠偏控制等功能。整机结构紧凑、速度快、效率高、分切准确、操作简单、运行平稳等特点。

## Main Features

DK-320G Slitting machine with rotary die-cutting function is upgraded from DK-320 slitting machine, it equipped with high accurate rotary die-cutting system. This machine is suitable for blank adhesive labels. Die-cutting, laminating(option), slitting can be finished in one process. It has the function of automatic meter counting, automatic stop, web guiding by photocell. The machine has the characteristic of compact structure, fast speed, high efficiency, easy operation, accurate slitting and steady running etc.

## 技术参数 Main Technical Parameters

机型	Model	DK-320G
分切速度	Slitting speed	100m/min
模切速度	Die-cutting speed	100m/min
模切周长	Die-cutting Repeat Length	190.5-508mm
卷筒纸最大宽度	Max. web width	320mm
最大放卷直径	Max. unwinding diameter	500mm
最大收卷直径	Max. rewinding diameter	480mm
外形尺寸	Dimensions(L×W×H)	1600x900x1300mm
整机重量	Machine weight	约 (about) 850kgs

# EM-320/450

Label Inspecting Machine  
检标机



Stability Brings Profit  
稳定创造价值

## 主要特点

EM-320 检标机是柔版印刷机、自动商标模切机的配套产品，用来检验柔版印刷和模切产品的质量，具有自动计米、计数功能。整机结构紧凑，速度快、可正反转、变频调速效率高、操作简单、运行平稳等特点。

## Main Features

EM-320 inspecting machine is an accessorial machine for printing machine and die-cutting machine; it inspects the quality of printing and die-cutting. This machine has meter counting and label counting function, has the characteristics of stable running, easy operation, high speed and forward-backward running/inching.

## 技术参数 Main Technical Parameters

机型	Model	320
检标速度	Max. speed	70m/min
卷筒最大宽度	Max. web width	320mm
最大放卷直径	Max. unwinding diameter	500mm
电源电压	Power supply	AC220V ± 10%
功率	Power consumption	0.75KW
外形尺寸	Dimensions(L×W×H)	900x620x960mm
整机重量	Machine Weight	约 (about) 200kgs