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RUK TECHNOLOGY

## 服装模板切割机 -RJMC 系列



Sewing Template Cutting Machine-RJMC Series



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**RUK** 润金科技  
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宁波润金机电科技有限公司  
NINGBO RUK TECHNOLOGY CO.,LTD.

营销中心：宁波市鄞州区惠风西路99号城南商务大厦20层  
生产地址：宁波市奉化经济开发区汇泉路309号  
网址：[www.rjuk.com](http://www.rjuk.com)  
邮箱：[nina@rjuk.com](mailto:nina@rjuk.com)  
销售电话：0574-28812998 0574-28812915

Office add: 2002-3 chengnan business building, No.99  
hui Feng west road, Ningbo, China  
Factory add: No.309 Huiquan road, Fenghua, Ningbo, China  
Website: [www.rjuk.com](http://www.rjuk.com)  
Email: [nina@rjuk.com](mailto:nina@rjuk.com)  
Tel: +86(0)574 2881 2998 / +86(0)574 2881 2915

常熟分公司：润金缝制设备有限公司  
电话：0512-52893615  
地址：常熟市新莲路（3-2）

嘉兴分公司：嘉兴明森自动化科技有限公司  
电话：0573-82166688  
传真：0573-82858088  
地址：嘉兴市汽车北站环北商贸大厦1302室

[www.rjuk.com](http://www.rjuk.com)

## 公司简介

### General Introduction

宁波润金机电科技有限公司是一家专业从事自动化设备、工业自动化领域零配件生产及工业自动化系统集成方案的研发、生产、销售和服务为一体的高新技术型企业。公司已全面实施 ISO9001 质量管理体系，相关产品已通过国内外权威机构的认证。

公司是由一支资深专业科研人才及管理人才组成，分别在机械、电子、计算机软件、管理等领域做出卓越成绩。公司自主研发了计算机辅助设计与制造 (CAD/CAM) 为一体的数控切割系统及自动化领域需求的控制器、传动机构等设备和零部件。公司与国内外知名企业合作，引进欧洲先进的多轴插补技术，使产品质量达到了国际先进水平。产品广泛应用于柔性材料、复合材料的切割及制鞋、服装、箱包手袋、纸箱纸盒、皮革、电子等行业。

润金科技以同心同德，求实创新的企业精神和以用心服务，至真至诚的服务理念，为客户提供更全面、高效的服务。我们润金人将不断进取，秉承为客户创造价值，为员工赢机会，为社会做贡献的宗旨铸就行业品牌。

Ningbo RUK Technology Co., Ltd. is a high-tech enterprise engaging in Industrial automation system, equipment and related spare parts, as well as its full set of program's R&D, manufacturing, sales and service as a whole.

We own a professional team consisted of competent and integrity people, who hold an important post on respective dept, machinery, electronics, computer software and management. We also have cooperation in program's R&D with well-know university domestic and overseas, especially bringing in Europe's technology and experts. We independently researched and developed CAD/CAM integrated Digital cutting system, as well as controller and driving demanded in automation field. Products are widely applied in many industries like leather, shoes, apparel, bag, packaging, plastic flexible material, compound material, machine tools and electron. We fully implement ISO9001 quality management system, and have won certification authority domestic and overseas.

RUK technology keep mind realism and innovation as enterprise spirit, wholehearted as service conception. We have full confidence to win your praise and trust via good quality, sincere service and make value to customer under our unremitting efforts.

#### 企业愿景 Enterprise Vision

我们以科技创新、勇为先驱，为客户持续创造最大价值，努力成为行业的引领者，打造享誉世界的中国品牌；我们以人文精神和科学精神，为每一位员工创造实现梦想的舞台；我们汇聚爱的力量，承担更多的社会责任，为国家工业化水平的提升做出贡献。

A pioneer enterprise holding the innovative idea, create the maximum value for our client, always striving for being top leader, and forging a local brand Global Famous.

With spirit of humanism and science, we try to create a stage for every employee's dream.

Accumulation of power of integrity and love, take more social responsibility, to make own contribution for improvement of national industrialization.

**企业宗旨：**为客户创造价值，为员工赢机会，为社会做贡献。

**企业精神：**同心同德，求实创新。

**服务理念：**用心服务，至真至诚。

**质量方针：**以顾客为中心，以品质求生存，  
以服务为根本，以创新求发展。

**Enterprise aim:** Create value for customer, Offer opportunity for employee, Make a contribution to society

**Enterprise spirit:** Joint effort for promotion, truth-seeking and innovation

**Service conception:** Wholehearted service with Passion

**Quality Policy:** Customer focus-on, Quality survival  
Innovation for development, Service as root

## 我们的客户

### Our Clients

Franiel Apparel

TideParty  
潮派

WANZICE

南京鼎业集团

弗兰尼尔 (湖州) 服饰有限公司

重庆潮流服饰有限公司

江苏王子车服饰有限公司

南京鼎业集团

GLM  
Great Leather  
Manufacture  
格莱美

星宇服饰

DT.SHIJIA 大唐世家

DARLING HORSE  
爱马

嘉兴格莱美服饰有限公司

星宇服饰

常熟大唐世家

国泰宝马

千仞岗  
CHERICOM

龙马

JIN TONG WANG  
今童王

Yankon 阳光照明  
LIGHTING

千仞岗

龙马

今童王

阳光照明

Yaniatq

ERAL  
艾莱依

ZUOYE

HIKARI 富士

东莞市雅满豪机械科技有限公司

安徽艾莱依

江西佐节服饰

上海富士精密机械科技有限公司

LONGLIVE  
朗利夫

青岛永元体育用品有限公司

陕西国际商贸学院服装艺术系

格調  
ARTISTIC STYLE  
苏州艾唯依时装有限公司

北京朗利夫服饰有限公司

青岛永元体育用品有限公司

陕西国际商贸学院服装艺术系

苏州艾唯依时装有限公司

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# RJMC01/02 服装模板切割机

## Sewing Template Cutting Machine



**0** 实现纸样切割与服装模板切割同步进行 (RJMC02)  
Multi-tools for cutting both PVC board and cardboard. (RJMC02)



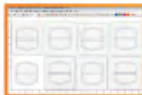
**!** 行业首创自动对刀功能, 可自动调节刀深。  
Leading auto knife-depth adjustment function, easy to set the cutting depth;



**0** 进口直线导轨提高精度, 多层材料切割精度零误差。  
Imported straight rail, with high cutting speed and high precision;



**!** 自主研发服装模板的设计软件, 让您导出模板更加方便、快捷。  
Free template design software, easy to design and work with machine;



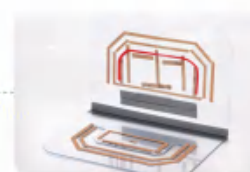
**!** 自动分区吸风, 根据样片的大小调节吸风区域。  
Divisional vacuum absorption;



**CAD** 可连接任意 CAD 软件, 广泛应用于服装、箱包、家私等行业。  
Work with any CAD software in Garment industry, Shoes industry, Bag industry etc...



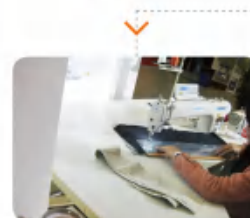
高频主轴电机  
The high frequency spindle motor



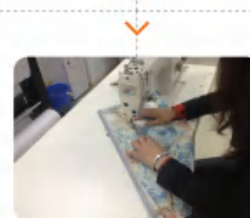
模板  
The sewing template

## 工艺展示

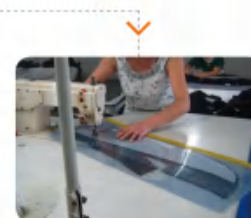
### Craft Show



机器操作  
The sewing template operation



机器操作  
The sewing template operation



机器操作  
The sewing template operation

### RJMC01/02 技术参数 Technical Parameters

机器型号 Model	RJMC01-1512 / RJMC02-1512	RJMC01-1509 / RJMC02-1509
有效工作范围 (mm) Effective Cutting Area(mm)	1500mmX1200mm	1500mmX900mm
整机尺寸 Overall Dimension	2220mmX1790mmX1070mm	2220mmX1490mmX1070mm
工作特性 Operation Properties	可连接任意一款 CAD 软件, 计算机辅助设计与切割同时进行 Work with computer synchronously for quick data transmission, multi-page file in one time;	
切割材料 Cutting Materials	PVC 板、亚克力板、PET 板、高分子复合材料等 (RJMC02 系列同时可以切割纸样板, 牛皮纸, 白卡纸等) PVC board, Acrylic board, PET board, Composite material etc..(RJMC02 also can cut cardboard pattern, kraft board, Ivory board etc.)	
切割方式 Tools	多用途刀座、铣刀设置 (RJMC02 系列同时配备普通切割刀工具) Multi-function tool base, milling tool setting(RJMC02 also equipped with normal blade for cutting cardboard)	
笔型 / 刀型 Blade/Pen	进口铣刀 (直径: 2mm, 3mm, 4mm, 6mm, 8mm 可选), 签字笔 (RJMC02 系列同时配备普通刀) Milling tool (diameter:2mm, 3mm, 4mm, 5mm, 6mm for option), Mark pen(RJMC02 also equipped with blades)	
切割厚度 Cutting Thickness	≤10MM	
最高主轴转动速度 Max. Spindle Speed	24000 r/min	
最高速度 Max. Cutting Speed	800mm/s	
固定方式 Fixing Method	真空吸附 Vacuum suction	
重复精度 Repeat Precision	±0.01mm	
软件分辨率 Software Resolution	0.025, 0.01, 0.1	
传输接口 Interface	网口 / Ethernet port	
缓冲容量 Buffer Memory	一次性快速传输可换页切割 Fast transmission for multi-page large file	
指令系统 Command Mode	HP-GL	
控制界面 Control Panel	液晶显示按键屏 English LCD button panel	
传动系统 Driving System	步进电机, 进口高端直线导轨 Step motor, Straight rail	
工作电压 / 功率 Voltage/Power	AC 220V±10%, 50HZ	
保险丝规格 Fuse	6A / 30A	

# RJMC03/05 服装模板切割机

## Sewing Template Cutting Machine



### 模板应用

### Sewing Template Application



RJMC03



RJMC05



**休闲服模板**  
Casual Wear Templates  
单边袋加袋盖模板, 双边袋模板, 拉链模板, 上眉头模板。



**西装模板**  
Suit Templates  
西装上下领挂领台, 西装上代领板, 西装领挂领模板。



**牛仔模板**  
Jeans Templates  
适用于前袋口模板, 前中位挂模板, 开袋模板等等。



**衬衫模板**  
Shirt Templates  
普通上袋领模板, 上下袋挂袋领模板, 袖口模板, 免烫粘袋模板, 前袋挂打褶模板, 上袋外拼片模板。



**羽绒服模板**  
Down Jacket Templates  
适用于拉链袋模板, 胸袋模板, 领型模板, 开袋模板, 拉链袋模板等等。

### RJMC03/05 技术参数 Technical Parameters

机器型号 Model	RJMC03-1009 / RJMC05-1009	RJMC03-1509 / RJMC05-1509
有效工作范围 (mm) Effective Cutting Area(mm)	1000mmX900mm	1500mmX900mm
整机尺寸 Overall Dimension	1620mmX1490mmX1060mm	2120mmX1490mmX1060mm
工作特性 Operation Properties	可连接任意一款 CAD 软件, 计算机辅助设计与切割同时进行 Work with computer synchronously for quick data transmission, multi-page file in one time.	
切割材料 Cutting Materials	PVC 板, 亚克力板等, PET 板, 高分子复合材料等 (RJMC05 系列同时可以切割纸样板, 牛皮纸, 白卡纸等) PVC board, Acrylic board, PET board, Composite material etc. (RJMC05 also can cut cardboard pattern, kraft board, ivory board etc.)	
切割方式 Tools	多用铣刀座, 铣刀设置 (RJMC05 系列同时配备普通铣刀工具) Multi-function tool base, milling tool setting (RJMC05 also equipped with normal blade for cutting cardboard)	
笔型 / 刀型 Blade/ Pen	进口铣刀 (直径: 2mm, 3mm, 4mm, 6mm, 8mm 可选), 签字笔 (RJMC05 系列同时配备普通刀) Milling tool (diameter: 2mm, 3mm, 4mm, 6mm, 8mm for option), Mark pen (RJMC05 also equipped with blades)	
切割厚度 Cutting Thickness	≤5MM	
最高主轴转动速度 Max. Spindle Speed	12000 r/min	
最快速度 Max. Cutting Speed	600mm/s	
固定方式 Fixing Method	真空吸附 Vacuum suction	
重复精度 Repeat Precision	±0.01mm	
软件分辨率 Software Resolution	0.025, 0.01, 0.1	
传输接口 Interface	网口 / Ethernet port	
缓冲区容量 Buffer Memory	一次性快速传输可换页切割 Fast transmission for multi-page large file	
指令系统 Command Mode	HP-GL	
控制界面 Control Panel	液晶显示按键屏 Chinese / English LCD button panel	
传动系统 Driving System	步进驱动器, 进口直线导轨, 直流电机 Step motor, Straight rail	
工作电压 / 功率 Voltage/Power	AC 220V±10%, 50HZ	
保险丝规格 Fuse	6A / 30A	



实现纸样切割与服装模板切割同步进行。(RJMC05)  
Multi-tools for cutting both PVC board and cardboard; (RJMC05)



自主研发服装模板的设计软件, 让您导出模板更加方便、快捷。  
Free template design software, easy to design and work with machine.



进口直线导轨提高精度, 多层材料切割精度零误差。  
Imported straight rail, with high cutting speed and high precision;



可连接任意 CAD 软件, 广泛应用于服装、箱包、家纺等行业。  
Work with any CAD software in Garment industry, Shoes industry, Bag industry etc...



## 服装模板软件

### Sewing Template Software



专业为服装模板制作所设计的软件，可以进行线性的编辑及服装模板整个制作的完成，实现自动排料，可多板输出

This is the software we design for the apparel sewing template. It can not only edit the line and complete the apparel sewing template, but also automatically layout and output multi-page.



软件操作简单、易学，适合 CAD 版师及机修人员。

Software operation is simple, easy to learn, and is suitable for CAD operator and machine operator.



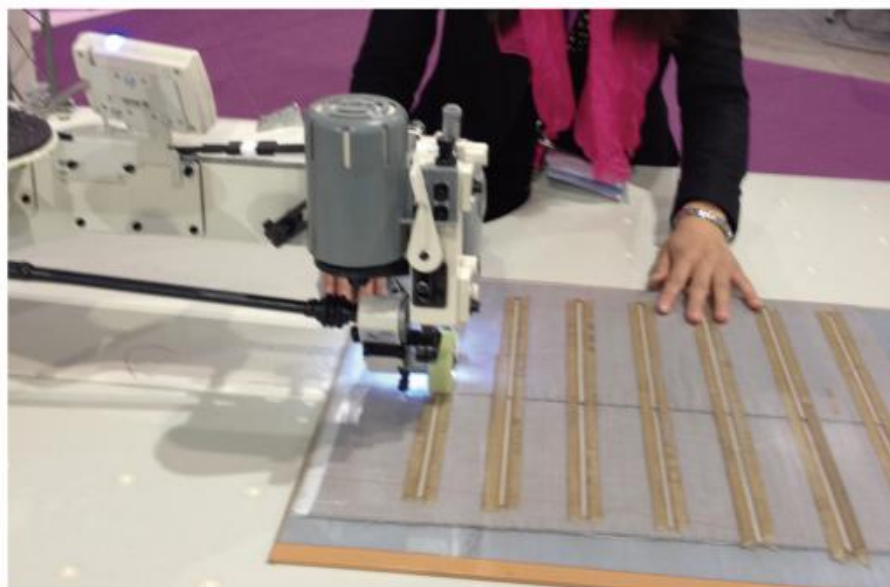
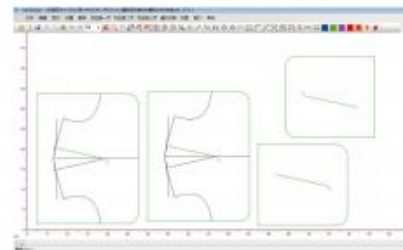
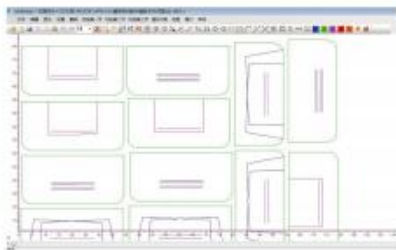
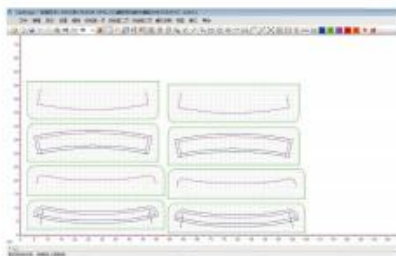
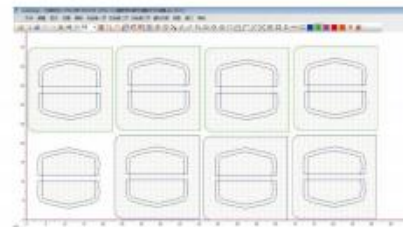
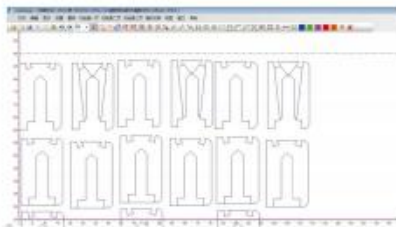
路径优化，支持多版排料，实现先切割里线，再切割外线，充分利用 PVC 胶板，拒绝边角料的浪费，节省成本。

Path optimization, version supports multiple discharge and realize the first cut in line, and then out the perimeter, make full use of PVC plastic board, refuse the waste of leftover material and save the cost.



兼容国内外各种 CAD 软件（如：力克，格博，度卡，突破等）。

Compatible with all kind of CAD software like Lectra, Gerber etc.



## 传统服装行业存在的普遍问题

### The Common Problems Of The Traditional Garment Industry

- 设备升级，行业向自动化方向发展
- 新老工人换代，新手技能低，新人不愿意进入服装行业
- 工艺要求越来越复杂，品质要求越来越高，对熟手倚重越来越高
- 服装订单款多量少，交货期短
- 原材料和人工成本增加，利润越来越低
- Equipment upgrade, we need to go to the automation in the industry
- The new worker is not as skilled as the old worker, but we need more skilled worker to enter to the apparel industry
- Technology is more complex, quality is required higher. This is to say we are more depend on skilled worker
- There are more pattern and shorter lead time in one order
- The increasing raw material and labor cost and the low profit in the order

一个非常现实的问题接踵而来，任何一个问题都可能导致企业难以为继，如果让企业焕发新的活力，如何让传统企业转型升级，成了服装企业一件迫在眉睫的事情；

A very real issues that followed, any problems can lead to enterprise unsustainable. If the enterprise to glow the new vitality, how to let the traditional enterprise transformation and upgrading, became a clothing enterprise one urgent;

改变流水线生产模式？  
缩短生产时间，提高生产效率？  
降低对工人的技术依赖？  
降低高工序的做工难度？

Production lines change!  
Shorten the production time, improve production efficiency?  
To reduce dependence on workers' technology?  
Reduce the high process work harder!

这些，统统需要解决。  
一种新型的模板化缝制工艺，有效的解决了这些难题。  
该工艺采用透明 PVC 板材为模板，确保服装规格一致性，提高服装品质，弥补因加工人员不熟练、工作疲劳等原因引起的制作过程产生误差；以及对高昂专机设备的依赖，从而提高服装加工企业工作效率和产品质量。

All these, need to be solved.  
In order to help enterprise to solve these problem, a new type of sewing process occur. This technology use PVC as sewing templates and it can make sure the quality of one batch order. In addition, it cover the mistake by non-skilled worker's operation and reduce the dependency on expensive equipment. All in all, it can improve the efficiency and product quality for the garment enterprises.

## 售后服务

### After-Sales Service



### 售后服务理念： 用心服务，至真至诚。

After-Sales Service Concept:  
Whole-Hearted Service, Loyal.

## 我们的荣誉

### Our Honor

