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**RUK** 润金科技  
RUK TECHNOLOGY

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# RUK CATALOG

## RJMTC Series

### 广告包装材料数控切割系统

Digital Cutting Machine - Carton box sample maker



用科技改变世界

Using technology to change the world

## 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成套方案的研发、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。

公司是由一支资深的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。

润金科技以同心图治，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：**同心图治，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

## 应用行业

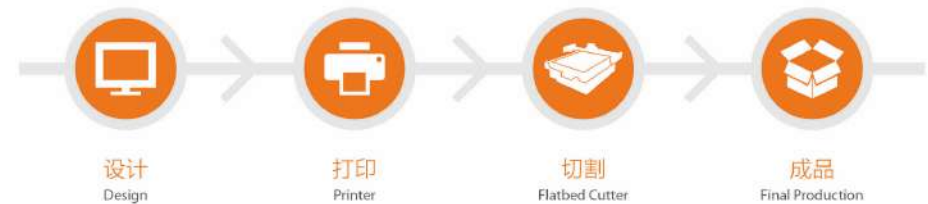
### Application Industry



## 工艺流程

### Workflow

无需刀模的快速切割系统 A die-less on demand system



RJMTC03



多种可选配工具：震动刀，压痕，半刀，斜刀，泡沫刀，铣刀，圆刀

A variety of optional tools: Oscillating tool, creasing wheel, Kiss-cut, V-cut, Foam cut, Milling cut, Circular cut.



2组可以任意更换的工具底座  
2 interchangeable tools



7寸彩色触摸屏装置  
7 inch color touch screen



符合国际标准的红外线防撞装置，保证操作人员安全。

In line with international standards of infrared anti-collision device. Ensure the safety of operating personnel.



行业首创手机控制系统  
Leading mobile control system



行业首创 WIFI 传输功能  
Leading WIFI transfer function



采用高精度日本进口电机  
High-precision motor from Japan.

切割效果

Cutting Samples



纸箱 Carton Box



瓦楞制品 Carton Plain



展架 POS



彩盒 Color Box



泡沫 Foam



蜂窝板 Honeycomb Board



垫片 Casket



脚垫 Floor Mats



标贴 Sticker



亚克力 Acrylic

广告包装材料数控切割系统 RJMTC03

Digital Cutting Machine - Carton box sample maker <RJMTC03>

多样化材料的切割首选设备，一机多用

Diversified material equipment for cutting, multi-usage

RJMTC03 系列切割机采用欧洲多轴控制系统，大大减少产品故障率和维修率，超大液晶触摸屏，实现人机对话，让您操作随心所欲。本机配备 2 组可以任意更换工具的底座，更加满足您多样化的切割要求，多样化的材料要求，主要应用于包装行业，印刷行业，广告行业，标识行业，垫片行业等。

RJMTC03 series cutting machine adopts European multi-axis control system, greatly reduce product failure rate and repair rate, large LCD touch screen, realize the man-machine dialogue, let you follow one's inclinations. This machine is equipped with the base of the two groups can be arbitrary replacement tools to meet your diversified cutting requirements more, a variety of material requirements, mainly used in packaging industry, printing industry, advertising industry, sign industry, gasket, etc...

RJMTC03 技术参数 Technical Parameters

机器型号 Model	RJMTC03-1310	RJMTC03-1815	RJMTC03-2516
有效切割面积 (MM) Effective Cutting Area(MM)	1300mm x 1000mm	1800mm x 1500mm	2500mm x 1600mm
整机尺寸 Overall Dimension	2.3mX1.4mX1m	2.8mX2mX1m	3.5mX2.1mX1m
切割材料 Cutting Materials	各种瓦楞纸板、塑料瓦楞板、黄厚纸板、红硬纸板、白卡纸、灰纸板、PVC 板、泡沫板、EVA 板、KT 板、不干胶、纤维中隔板以及橡胶板、垫片等 Corrugated board, Plastic corrugated board, Thick grey cardboard, PVC sheet, Foam board, EVA board, KT board, Adhesive sheet, Gasket, Leather etc...		
工作特性 Operation Properties	灵活多变的可替换工头，具有震动切割、压痕、绘图和激光定位等功能，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;		
主配工具 Standard Tools	笔、光标、震动刀、压轮 Multi function tools: Oscillating blade, Creasing wheel, Pen, Cursor position		
选配工具 Option	普通转刀、半刀工具、泡沫刀、V-CUT(45°、30°、22.5°、15°、0° 可选)、铣刀、圆刀 Drag Blade, Kiss-cut, V-cut (45°, 30°, 22.5°, 15°, 0° for option), Milling tool, Foam cut, Circular knife		
最快速度 Max. Cutting Speed	120mm / s		
切割厚度 Cutting Thickness	≤ 45 MM (根据不同材料)		
固定方式 Fixing Method	真空吸附 Vacuum suction		
重复精度 Repeat Precision	≤ 0.01 mm		
软件分辨率 Software Resolution	0.025、0.01、0.1		
传输端口 Interface	可选标准网口 / Ethernet port / wireless WIFI		
缓冲区容量 Buffer Memory	2G, 一次性快速传输可换页切割 2G, fast transmission for multi-page large file		
文件系统 Command Mode	HP-GL / GP-GL		
兼容软件格式 Format Compatible	AI 软件, AutoCAD, coraldraw 等 Work with any CAD software, like AI / AutoCAD etc...		
操作界面 Control Panel	7 英寸彩色触摸屏 7 inch Color Touch screen (English version)		
传动系统 Driving System	进口伺服马达驱动系统、直线导轨 Digital servo motor, Straight rail		
工作电压 / 功率 Voltage / Power	AC 380V ± 10% 50 HZ		
保险丝规格 Fuse	6A / 30A		



## RJMTC03 工具详解

Tools

### 振动刀

Oscillating Tool



主要用于切割软性中密度材料，如：瓦楞板，厚硬纸板，KT板，雪孚板，皮革，面料等；

高速切割  
最大切割厚度 ≤ 15mm

For cutting soft and medium-density material like Corrugated board, carton board, cardboard, KT board, PVC foam board, leather, fabric etc;

High cutting speed  
Max. cutting thickness ≤ 15mm

### 压轮

Creasing Wheel



用于制作盒形的折线  
万能型压轮，3层，5层，7层瓦楞通用型压轮，更换材料时无需更换压轮。

Creasing various materials.  
Easy to adjust the pressure for creasing in Cardboard, PVC sheet, E corrugated board, 3 ply / 5 ply / 7 ply corrugated board.

### V槽切割

V Cut



适用于在瓦楞，蜂窝板等材料高切割V型槽线

切割精度高  
自由选择槽线角度：0度，15度，22.5度，30度，45度  
最大切割厚度 ≤ 15mm

V cut for cutting the line in V shape, the angles is adjustable.

cut in different angles: 0° , 15° , 22.5° , 30° , 45°  
Widely for cutting corrugated board, honeycomb board etc.  
Max. cutting thickness ≤ 15mm

### 半刀切割

Kiss Cut



适用于切割半刀的材料，如标贴，不干胶等

切割精度高  
最大切割厚度 ≤ 1mm

Kiss cut (half cut) for cutting materials like vinyl, sticker, film etc.

Adjustable cutting pressure  
Max. cutting thickness ≤ 1mm

### 泡沫刀

Foam Cut



主要切割发泡材料、泡沫材料等

高速切割  
最大切割厚度 ≤ 45mm

Foam cut for cutting foams, EVA etc.

High speed cutting  
max. cutting thickness ≤ 45mm

### 铣刀

Router Tool



适用于硬质材料，如亚克力，PVC板，硬雪弗板，密度板等

带有自动清洁工具  
带有自动对刀功能  
最大切割厚度 ≤ 10mm

For cutting heavy material, like Acrylic, PVC sheet, PVC foam board, fiber board etc.

with cleaner device  
with automatic cutting depth adjustment  
Max. cutting thickness ≤ 10mm

# RJMTC01



多种可选配工具：震动刀，压痕，普通转刀，半刀，泡沫刀  
A variety of optional tools: Oscillating tool, creasing wheel, Rotary cut, Kiss-cut, Foam cut



符合国际标准的红外线防撞装置，保证操作人员安全。

In line with international standards of infrared anti-collision device. Ensure the safety of operating personnel.



彩色触摸屏装置  
Color touch screen



分区吸附功能，解决小样片吸风问题  
Partitioning adsorption function, and solve the problem of small sample piece suction



采用高精度日本进口电机  
Using high-precision machine imported from Japan



高速震动电机  
High-speed vibrating motor

## 切割效果

Cutting Samples



纸箱 Carton Box



瓦楞制品 Carton Plain



展架 POS



彩盒 Color Box



彩盒 Color Box



标贴 Sticker



泡沫 Foam



脚垫 Floor Mats



蜂窝板 Honeycomb Board



垫片 Gasket

# 广告包装材料数控切割系统 RJMTC01

Digital cutting machine - Carton box sample maker RJMTC01

多样化，小批量纸箱彩盒自动切割机

Box cutting maker for Multi-type, small lot production

RJMTC01 系列切割机采用欧洲多轴控制系统，大大减少产品故障率和维修率，超大液晶触摸屏，实现人机对话，让您操作随心所欲。本机可以切割多种柔性材料，主要应用于小批量切割瓦楞纸箱，彩盒，PVC盒，广告标牌，汽车内饰，皮革，垫片等。

RJMTC01 series cutting machine adopts European multi-axis control system, greatly reduce product failure rate and repair rate, large LCD touch screen, realize the man-machine dialogue, let you follow one's inclinations. This machine can cut a variety of flexible material, mainly used in small batch cutting corrugated carton, color box, PVC box, advertising signs, car interiors, leather, gaskets, etc.

## RJMTC01 技术参数 Technical Parameters

机器型号 Model	RJMTC01-1310	RJMTC01-1815	RJMTC01-2516
有效切割面积 (MM) Effective Cutting Area(MM)	1300mm x 1000mm	1800mm x 1500mm	2500mm x 1600mm
整机尺寸 Overall Dimension	2.3mX1.4mX1m	2.8mX2mX1m	3.5mX2.1mX1m
切割材料 Cutting Materials	各种瓦楞纸板、塑料瓦楞板、黄厚纸板、红硬纸板、白卡纸、灰纸板、PVC板、泡沫板、EVA板、KT板、不干胶、纤维中底板以及橡胶板、垫片等 Corrugated board, Plastic corrugated board, Thick grey cardboard, PVC sheet, Foam board, EVA board, KT board, Adhesive sheet, Gasket, Leather etc...		
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;		
最快速度 Max. Cutting Speed	1000mm / s		
切割厚度 Cutting Thickness	≤ 30 MM		
主配工具 Standard Tools	多功能工具：震动刀、压轮、笔、光标 Multi function tools: Oscillating blade, Creasing wheel, Pen, Cursor position		
选配工具 Option	普通转刀、半刀工具、泡沫刀 Drag Blade, Kiss-cut, Foam cut		
固定方式 Fixing Method	真空吸附 Vacuum suction		
重复精度 Repeat Precision	≤ 0.01 mm		
软件分辨率 Software Resolution	0.025, 0.01, 0.1		
传输端口 Interface	标准网口 / Ethernet port / wireless WIFI		
缓冲区容量 Buffer Memory	1G, 一次性快速传输可换页切割 1G, fast transmission for multi-page large file		
文件系统 Command Mode	HP-GL / GP-GL		
兼容软件格式 Format Compatible	AI 软件, AutoCAD, coraldraw 等 Work with any CAD software, like AI / AutoCAD etc...		
操作界面 Control Panel	7 英寸彩色触摸屏 7 inch Color Touch screen (English version)		
传动系统 Driving System	进口伺服马达驱动系统、直线导轨 Digital servo motor, Straight rail		
工作电压 / 功率 Voltage / Power	AC 380V ± 10% 50 HZ		
保险丝规格 Fuse	6A / 30A		



# 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

