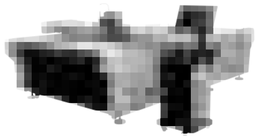
Available Models



F1-2516



F1-2516S

*We reserve the right of final interpretation of the above parameters, subject to change without prior notice.

MACHINE MODEL	F1-2513	F1-2516	F1-2513S	F1-2516S
Air Pump Power	7.5KW	7.5KW	7.5KW	7.5KW
Total power	11KW	11KW	11KW	11KW
Effective cutting size	2500*1300	2500*1600	2500*1300	2500*1600
Overal size of machine	4100*2300*1350	4100*2600*1350	6500*2300*1350	6500*2600*1350
Cutting speed	300-3000mm (Depending on the material)			
Cutting thickness	≤50MM (Depending on the material)			
Work Environment	Temperature: 0°-35°Humidity:35%-80%			
Transmission system	High-end servo motor drive, imported linear guides, bearings			
Working Voltage/Power	AC380V/220V±10%50HZ			
Buffer Capacity	Disposable rapid transmission with page change cutting			
Transfer port	Standard network port			
Fixed mode	Vacuum adsorption			
Operator Interface	Touch Screen			
Feeding system	Imported crawler automatic feeding system (can be cut in unlimited length)			
Standard Tools	High-speed oscillating tool, universal cutting tool,kiss-cut tool, CCD automatic positioning			
Optional tools	60000r/min High speed water-cooled milling tool, V-Cut tool,Foam Cut Tool, Creasing Wheel, Pen			
File System	Compatible with HPGL/PLT/DXF etc.Repeat accuracy ≤ 0.01mm Software resolution 0.025			
Working Characteristics	Can be connected to any CAD software.computer-aided design and cutting can arried out at the same time			
Cutting material	All kinds of corrugated cardboard, Yellow cardboard, Red cardboard, PVC board,Honeycombboard, PVC foam board, Acrylic, KT board,Aluminum-plastic board, Fiber midsole and rubberboard, Thick foam, Car sticker., adhesive, Reflective film, Photo paper, Photo PVC, etc			

Service Assurance



At present, we have established perfect sales network in the domestic and overseas: more than 50 provincial distributors' sales network in domestic; sales network in 80 countries abroad, and the market covers Europe, Asia, South America, Australia, Southeast Asia and other regions and countries.

Having 24 hours

Online service at anytime and anywhere.

Free Installation

There are professionals in specific areas who can provide machine installation and training

One-year Warranty

Having life-long technology support services
And software programs are upgraded for free for life

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Building 12, Zhongxin Yungu Industrial Park, 222 JuchaoRoad, Jiangkou Street, Fenghua District, Ningbo City

RUK 润金
Cutting System

SPEED EXCEED

3000mm/s



- More stable
- Faster
- More accurate

NEW F1 SERIES

Advertising smart cutting machine

Product Description

RUK F1 series intelligent advertising cutting machine specializes in cutting PP Paper, KT boards, Chevron boards and other advertising materials.The product breaks through technical barriers and the cutting speed can reach up to ***3000mm/s***



Original sensorless high-precision positioning technology

More accurate positioning, effectively reducing failure rate.



One-piece frame

The equipment is integrally welded with high-strength steel, accurately processed by a large gantry milling machine, and undergoes strict anti-aging treatment to ensure that the equipment maintains excellent accuracy and stability during long-term high-speed operation.



Platform self-monitoring system

Intelligent monitoring of platform flatness, automatic adjustment of knife depth, extending felt service life.



Intelligent maintenance system

It can reduce the wear of guide rails and sliders, continuously lubricate them, and improve the overall service life of the machine.

3 METERS PER SECOND
FASTER, MORE STABLE AND MORE ACCURATE

THE EFFICIENCY OF ONE F1 SERIES MACHINE IS EQUAL TO TWO ORDINARY MACHINES

It can be equipped with an intelligent sorting system to realize loading, cutting and collecting in one go.Reduce labor costs and improve work efficiency.Provide faster, more efficient and better solutions for customers with mixed orders,bulk orders and urgent orders.

WiseCut Software



Intelligent typesetting of patterns

One-click typesetting of incoming pictures, and layout of multiple pictures, saving time and materials



Intelligent generation of cutting paths

Extract special-shaped contours with one click without unnecessary operations



Intelligent generation of cutting marks

Compatible recognition of multiple MARK points, intelligent generation of MARK and QR codes

Application Areas



Suitable for all kinds of PP Paper/photos, KT board, Chevron/PVC board, corrugated board, reflective film, self-adhesive, acrylic, foam board,paper card,EVA, ABS board and other materials.



Tools'introduction

HIGH SPEED OSCILLATING TOOL

Cut through materials through the principle of high-frequency vibration

Cutting materials: PVC board/ KTboard/medium and low density materials.



UNIVERSAL CUTTING TOOL

Suitable for cutting thin PVC below 5mm, all kinds of paper cards, light box cloth and other flexible roll materials with full transparency.

Cutting materials: light box cloth/PP paper/photo/cardboard



KISS-CUT TOOL

By adjusting the depth of the blade tip, only the upper half of the material can be cut through.

Cutting materials: stickers/ car stickers/reflective materials



CREASING TOOL

Crease processing of cardboard, PET board, corrugated board and honeycomb board with creasing wheel.

Cutting materials: Cardboard/ PET board/Corrugated board/ Honeycomb board



GRAY CARD GROOVING TOOL

It is mainly ideal for grey board slotting,and can be flexibly slotted in multiple angles according to different needs

Cutting materials: KT board/ Honeycomb board/ Corrugated board



POWERFUL DRIVING ROTARY TOOL

Imported motor, can be used for high-speed processing of various flexible materials such as banner cloth, clothing textile fabrics, etc.

Cutting materials: Soft film/ Flag cloth/Light box cloth



DOTTED LINE WHEEL TOOL

Cut in any direction by a point-breaking knife to form an easy-to-tear line.

Cutting materials: Box/Paper



GRAY BOARD V-CUT

Prefer for grooving of medium hardness PVC board, corrugated board, honeycomb board and other materials.

Cutting materials: PVC board/ Corrugated board/ honeycomb board/other materials



FOAM CUT TOOL

Uses the high-frequency vibration of the motor to drive the blade to cut the material completely. Mainly used in the production of foam materials for internal partitions of cartons and the production of foam characters in the advertising industry.

Cutting materials: EVA/Foam/ EPE/cardboard



PNEUMATIC OSCILLATING TOOL

Powered by compressed air to cut foam,suitable for cutting foam, sponge and other materials of 5cm and below

Cutting materials: Sponge/ Corruagted board/Rubber

