

MTC06

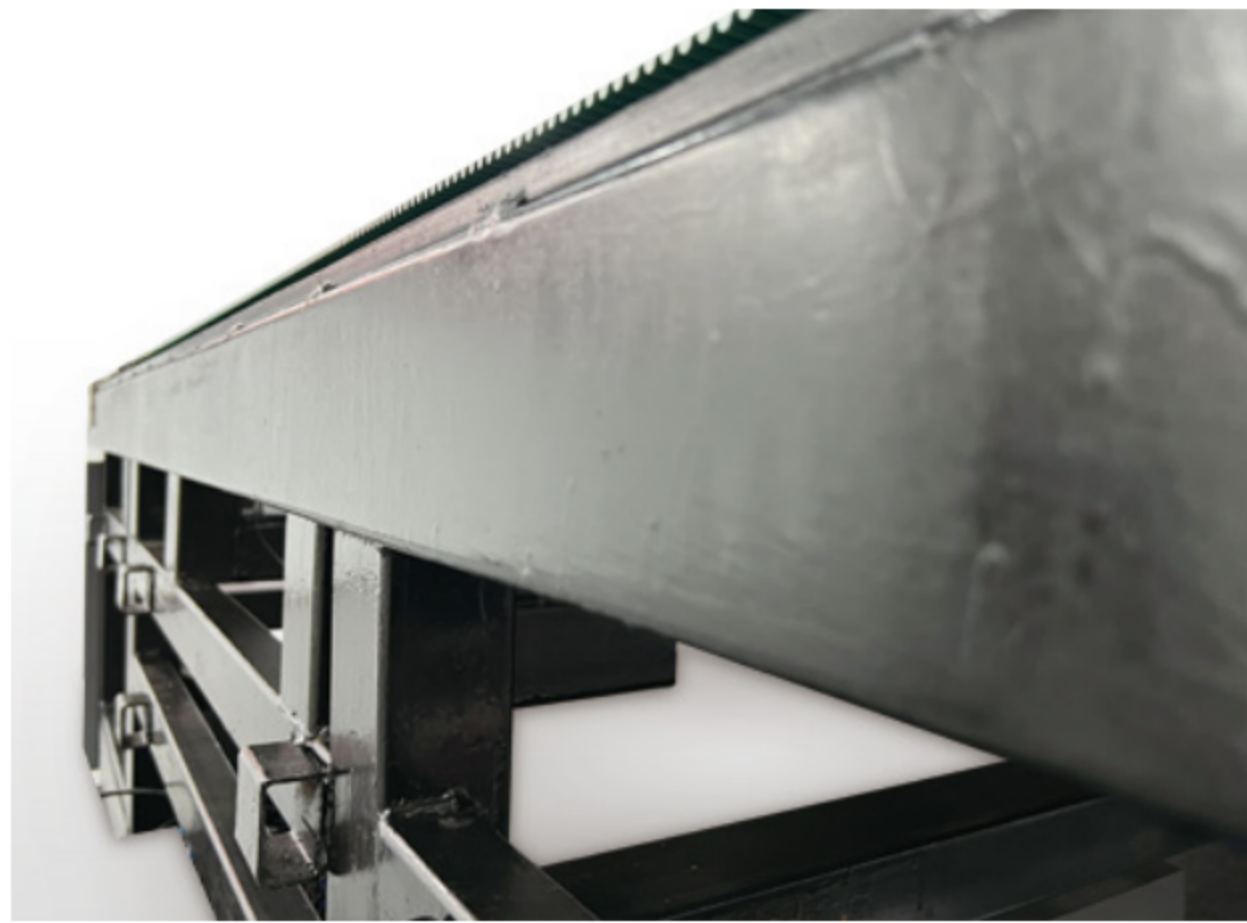
CUTTING SYSTEM



TECHNICAL PARAMETER

Air Pump Power	7.5KW	7.5KW	9KW
Fixed Power	9.5KW	9.5KW	11KW
Effective Cutting Area	2500*1300mm	2500*1600mm	3000*2000mm
Overall Size	3900*2285*1350mm	3900*2585*1350mm	4400*2985*1350mm
Cutting Speed	300-1800mm/s (according to different materials)		
Cutting Thickness	≤ 50MM (according to different materials)		
Working Environment	Temperature: 0° -35° Humidity: 35%-80%		
Transmission System	High-end servo motor drive, imported linear guides, bearings		
Working Voltage/Power	AC 380V/220V±10%50HZ		
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 be carried out at the same time
Buffer Capacity	One-time quick transfer sheet-fed cutting
Transmission Port	Standard network port
Fixed Method	Vacuum adsorption
Operation Interface	Touch Screen
Feeding Method	Imported crawler automatic feeding method (can be cut in unlimited length)
Standard Tools	High-speed oscillating tool, universal cutting tool, kiss-cut tool, CCD automatic positioning system, cursor
Optional Tools	Pen, V-CUT, creasing wheel, milling tool set, 50MM foam cut tool
Cutting Material	All kinds of corrugated cardboard, Yellow cardboard, Red cardboard, PVC board, Honeycomb board, PVC foam board, Acrylic, KT board, Aluminum-plastic board, Fiber midsole and rubber board, Thick foam, Car sticker, adhesive , Reflective film, Photo paper, Photo PVC, etc.



ONE-PIECE MOLDED FRAME

The one-time processing and molding of the frame greatly improves the stability of the fuselage, greatly reduces the possibility of the machine losing the accuracy of the guide rail due to vibration, and the high-strength material makes the service life of the machine longer.



CCD SMART POSITIONING SYSTEM

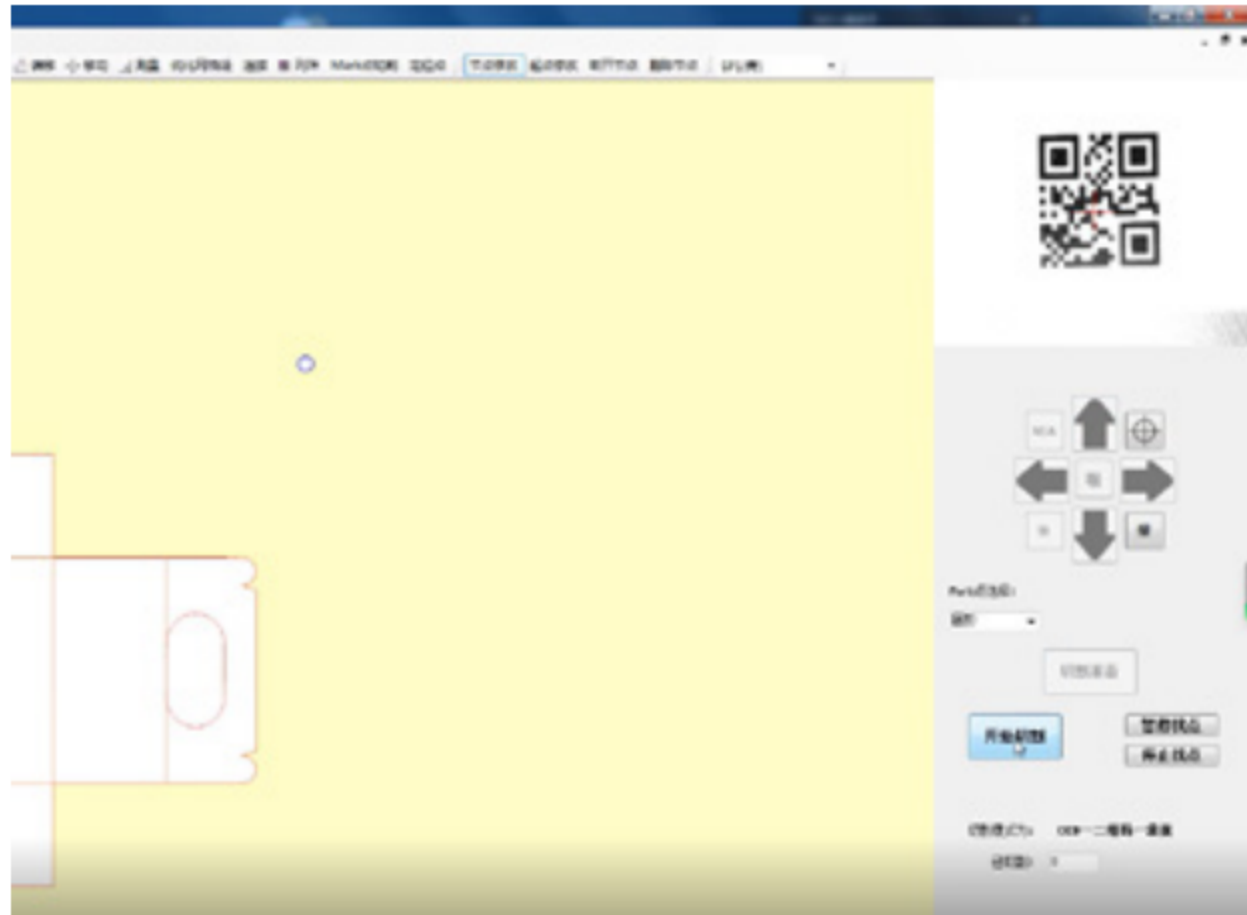
A high-definition CCD positioning camera imported from Germany is built into the machine, which can automatically complete accurate edge patrol cutting when dealing with various materials. With the real-time image analysis of the software system, the probability of error can be greatly reduced and the perfect cutting effect can be achieved.



EXTENDED PICKING AREA*

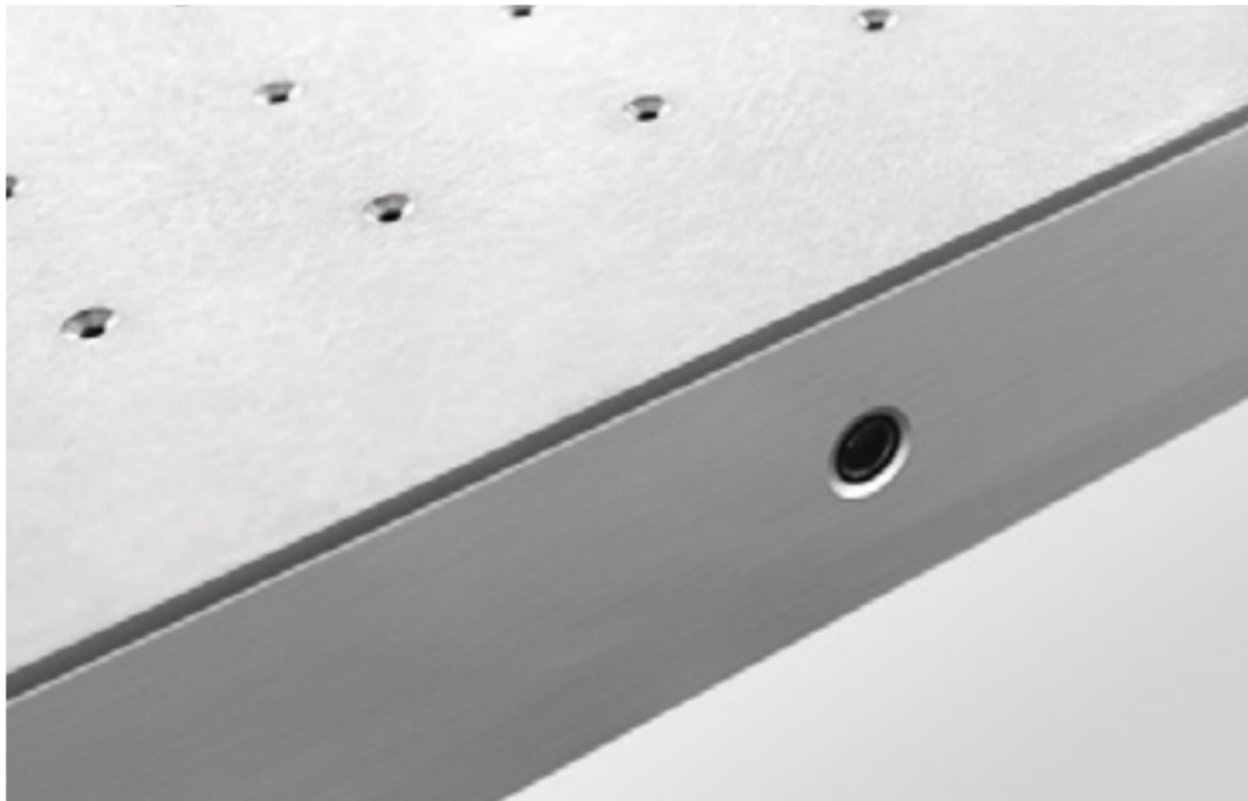
It can be equipped with an extended material collecting area to allow cutting and receiving to be carried out at the same time, saving sorting time.

*: indicates that the configuration part can be added optionally



QR CODE EXTRACTING AUTOMATICALLY

By automatically scanning a QR code or bar code, the machine will quickly read the cutting file and perform the cutting automatically.



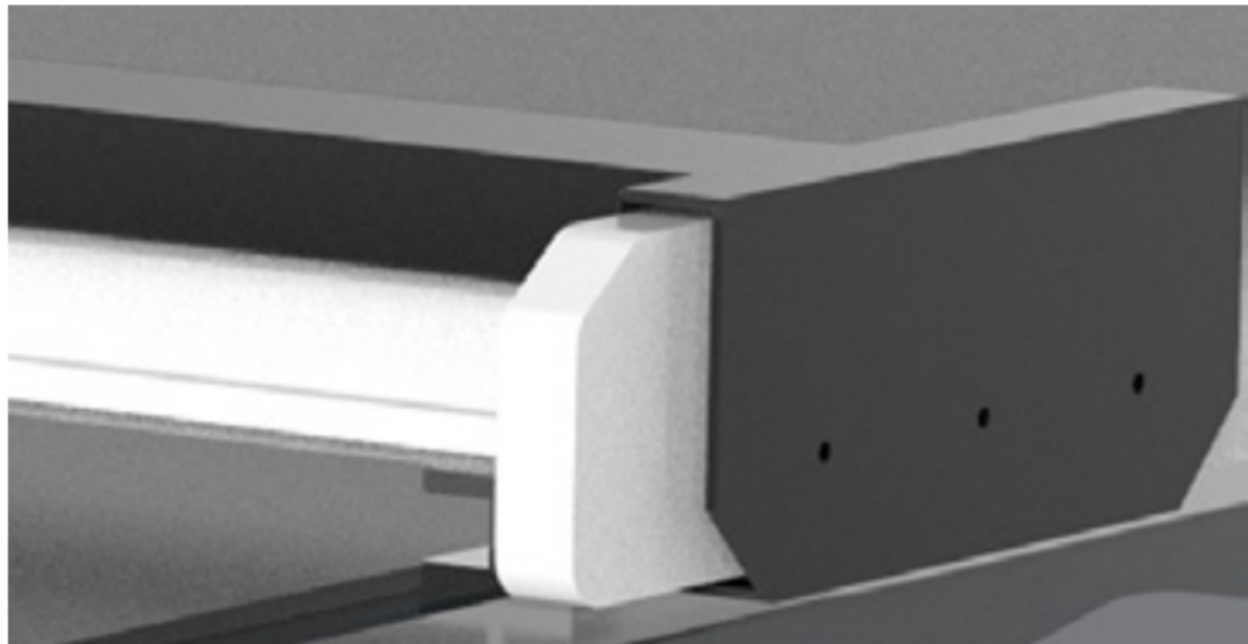
HONEYCOMB-AL VAC-SORB PLATFORM

Using aviation-grade aluminum alloy materials, high-quality honeycomb aluminum plates create a vacuum adsorption platform that is not easy to deform, and a unique multi-contact design is convenient for adjustment.



CONTINUOUS FEEDING SYSTEM

Equipped with a continuous feeding system for cutting wireless length coils and automatically corrects the offset during feeding to achieve zero cutting error.



SAFETY ANTI-COLLISION SYSTEM

High sensitivity intelligent anti-collision system to ensure safe operation.



SORTING INDICATION FUNCTION*

It is convenient for the collection and sorting of mixed multi order cutting, saving materials, small orders, and higher efficiency.

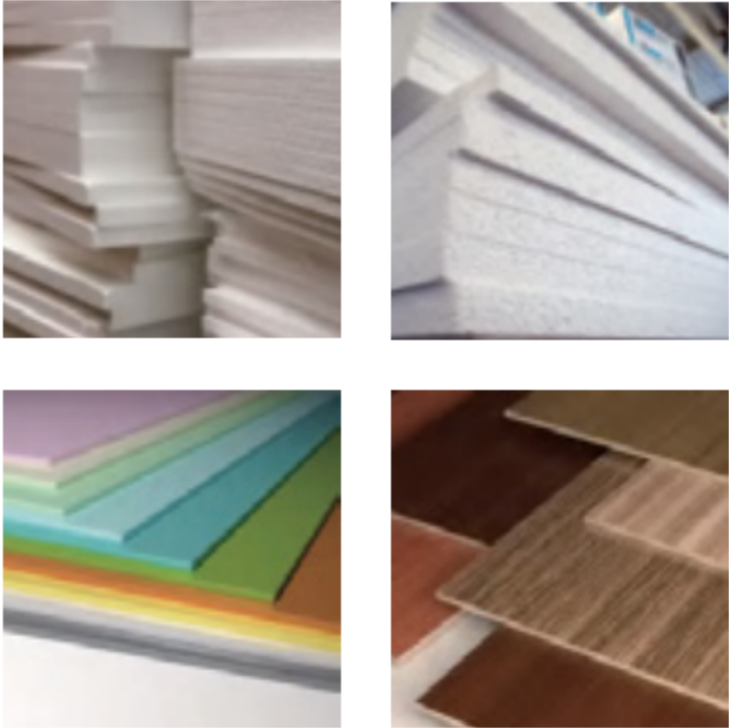
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TOOLS' INTRODUCTION

HIGH-SPEED OSCILLATING TOOL



Suitable for cutting PVC board, KT board and medium and low density materials



KISS CUT TOOL



By adjusting the depth of the knife tip, only the upper half layer of the material can be cut through. It is mainly used in the cutting of nonadhesive materials



CREASING WHEEL TOOL



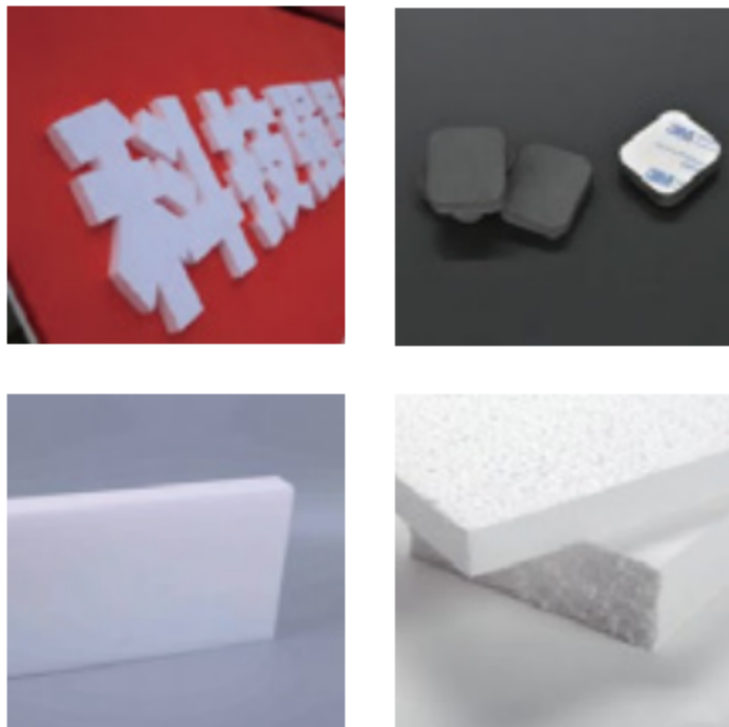
Crease processing of cardboard, PET board, corrugated board and honeycomb board with creasing wheel.



PNEUMATIC OSCILLATING TOOL



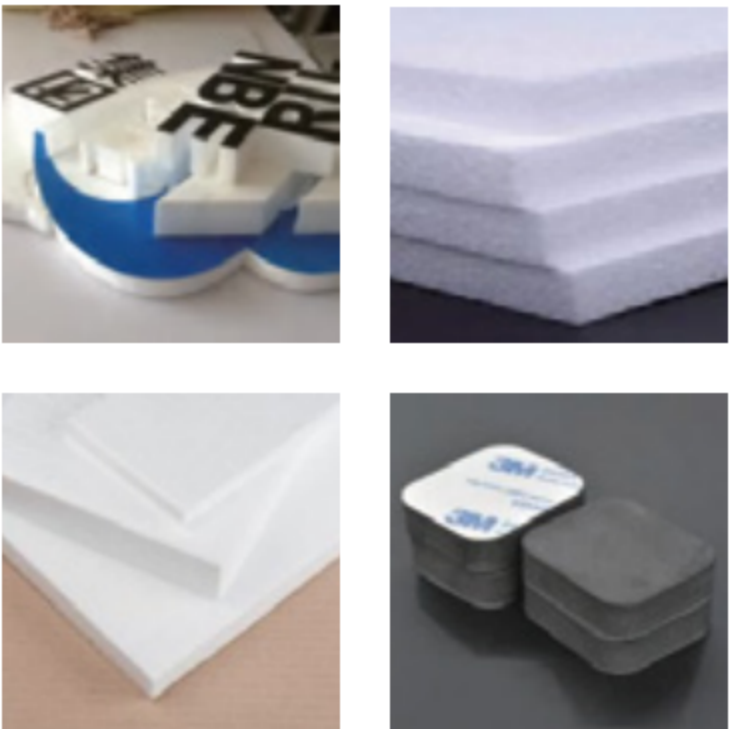
Powered by compressed air to cut foam, suitable for cutting foam, sponge and other materials of 5cm and below



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.



GREAT DRIVING ROTARY TOOL



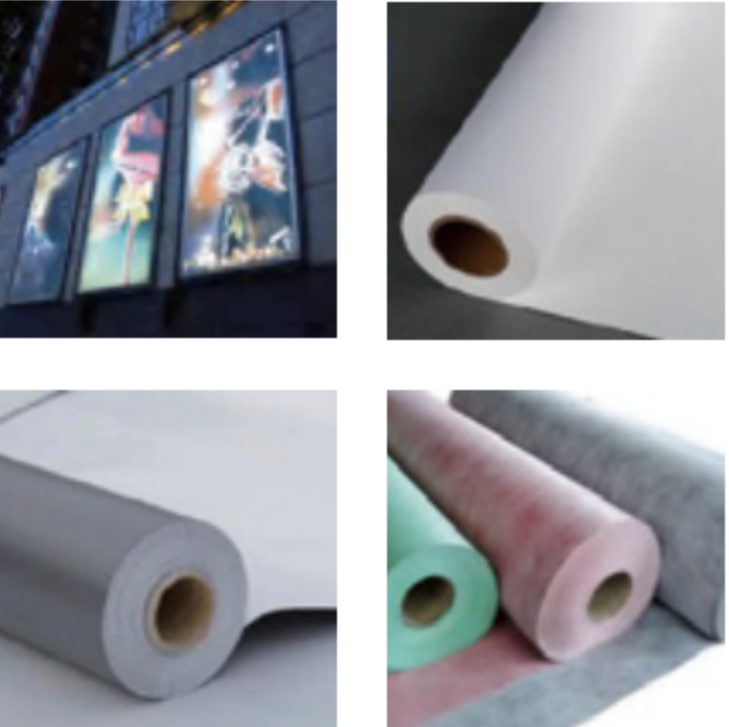
Imported motor, can be used for high-speed processing of various flexible materials such as banner cloth, clothing textile fabrics, etc.



UNIVERSAL CUTTING TOOL



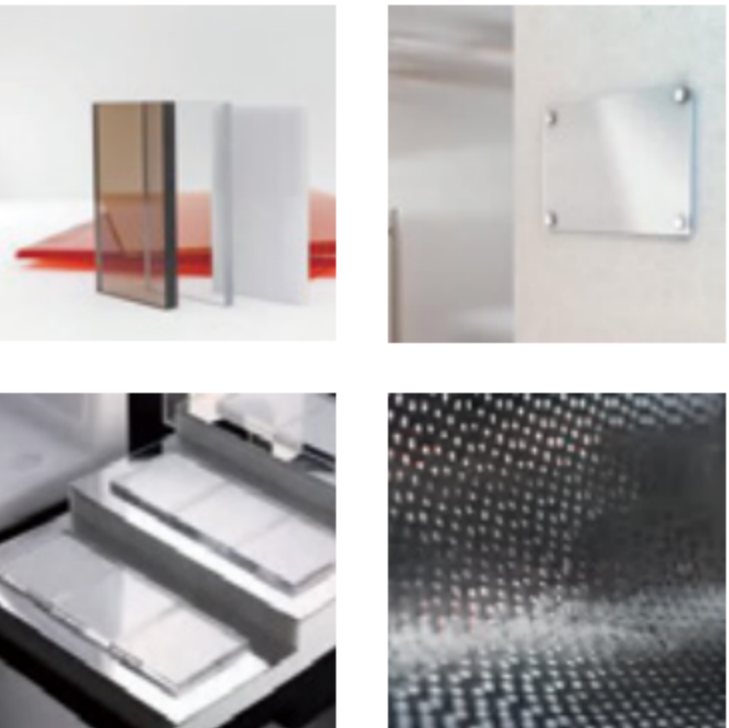
Suitable for cutting thin PVC below 5mm, all kinds of paper cards and light box cloth and other flexible coil fully cutting



MILLING TOOL



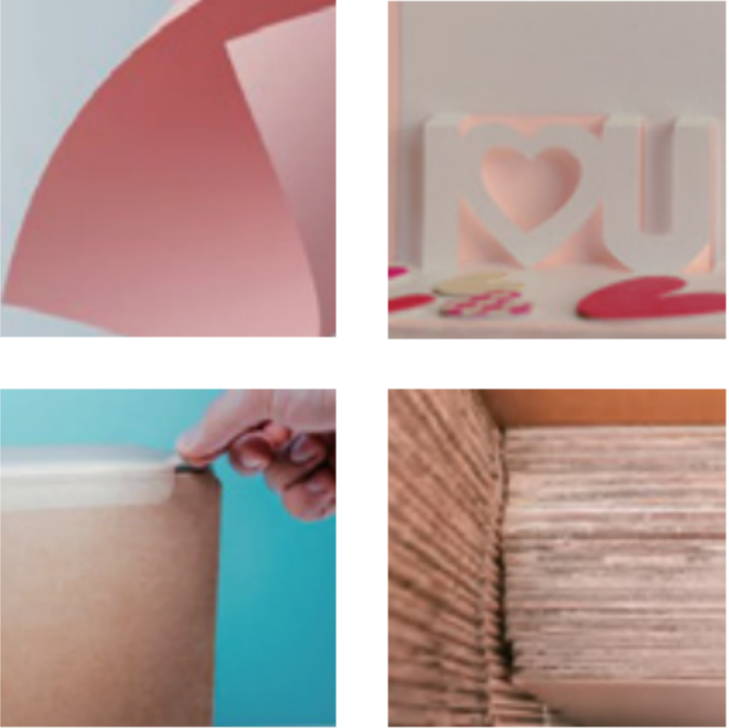
High-hardness materials are milled with high-speed water-cooled spindles. The layered cutting mode applied to hard materials such as acrylic aluminum composite panel and MDF within 20mm can make the product achieve 3D display effect.



DASHED WHEEL CUTTER



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



V-CUT1



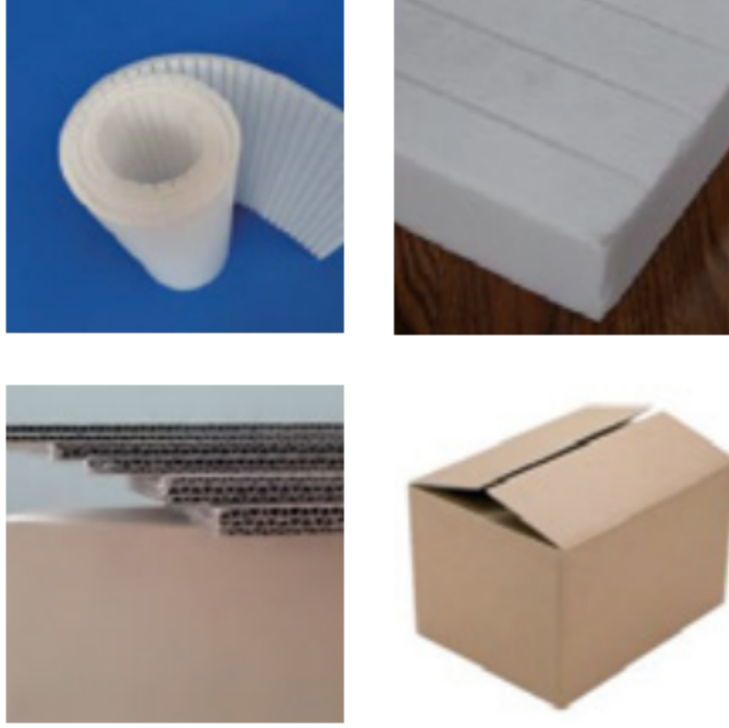
It is mainly ideal for grey board slotting, and can be flexibly slotted in multiple angles according to different needs



V-CUT 2



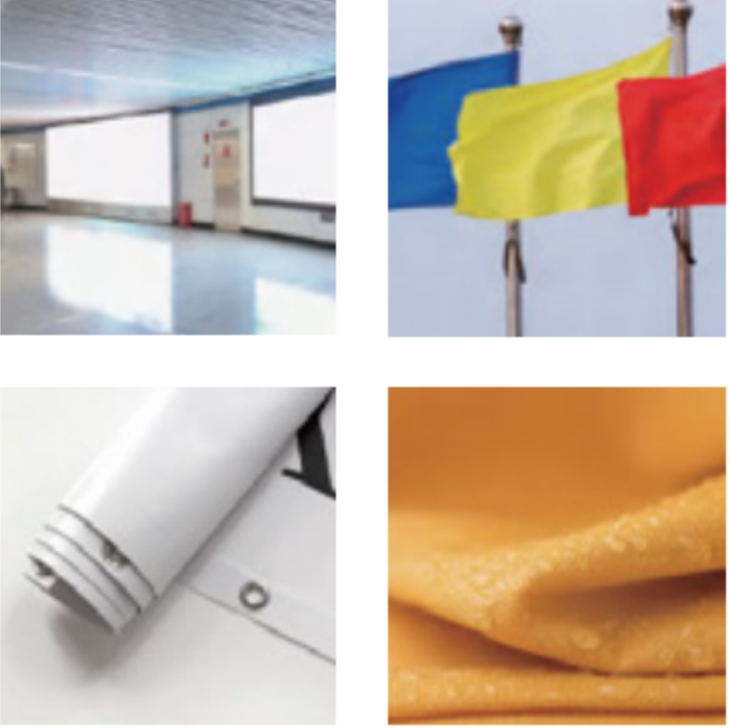
Prefer for grooving of medium hardness PVC board, corrugated board, honeycomb board and other materials.



GEAR ROTARY TOOL



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



COMPANY PROFILE

Ningbo RUKING Electrical Technology Co., Ltd., one of the high-tech technology enterprises, which is a professional engaged in automation equipment, industrial automation parts and industrial intelligence, information, digital system complete scheme research and development, production, sales and service. Has won a number of national, provincial, municipal honors, was rated as a National High-tech Enterprise, Double-head Cutting System won the National First Set Award, Third Prize of Science and Technology of China Packaging Industry, Zhe Jiang Province Grade AA Contract Keeping and Credit First Company, Designated Strategic Service Provider of Zhejiang Clothing Innovation Service Complex, Ningbo RUKING Non-metallic Material Intelligent Cutting System Engineering Center, Fenghua District the First "Fenglu Talents" selected project and other honors. The company's R&D team is composed of doctors, masters and experts with decades of industry experience from well-know universities.

The company has set up a mechanical R&D center, a software R&D center, a control system R&D center and an AI vision R&D center, To break the long-term market and technology monopoly of European and American countries, to achieve domestic alternative imports. It has more than 100 invention patents, utility model software patents and software copyrights. The company has a large gantry numerical control machining center based on SZZN, high-precision five-axis CNC-MES digital precision factory, precision sheet metal factory, machine assembly factory. Covering the whole industrial chain from the raw material end to the product end, to realize 100% self-made rate of parts. We has fully implemented the ISO9001 quality management system, and the related products have passed the certification of CE and other domestic and foreign authorities. The company's products are widely used in the cutting of flexible materials and composite materials.

Also, in shoemaking, clothing, bags and handbags, cartons, advertising, leather, electronics, automobiles, high-speed rail, aerospace and other industries. Customers all over the country and overseas more than 80 countries and regions. We has established a perfect after-sales service system, with 26 outlets all over the country. In order to provide customers with all-round and efficient services, we has taken the lead in realizing the self-diagnosis service system of equipment health status.

PATENT CERTIFICATE

