



High-precision automatic positioning system

With the high-definition CCD camera, locating and contour cutting can be realized on various materials automatically and precisely, which solves the problems of manual positioning and printing distortion so as to achieve a precise cutting result easily. Q-Cut diversified positioning mode meets different cutting requirements for different materials with the guaranty of the high precision of the contour cutting.

- Dot/cross contour-cutting: flexible with multiple ways for positioning with high precision.
- Back-side contour-cutting: meet the requirements for processing different materials, avoiding over-cutting effectively.
- Large format contour-cutting: large format materials can be processed with high efficiency and precision by the cooperation of automatic conveyor system.
- Edge-scanning contour-cutting: scanning material's edge for positioning.



HIGH-POWER ROUTER MODULE

High-efficiency application

Router module with high-frequency rotor, which can be used to cut hard materials and soft foamed materials of up to 50mm thickness. Its performance of high speed and efficiency is superior to the traditional cutting equipment, which can maximize the output of the processed materials, and can meet the demand of 24 hours / 7 days production.

Air cooling system

The system cools spindle and blade by air flow, which significantly extends the lifetime of spindle and blade.

Excellent performance

Imported spindle with 1.0kw or 3.6kw power available. Rotation speed can be up to 60000rpm according to different materials' application requirements, having a more smooth cutting edge.

Dust suction device

The specialized dust suction device minimizes the dusts during processing.

Three-dimensional System

The 3D system can mill simultaneously in 3-axis (X, Y, Z axis). The system can be used to make three-dimensional relief logos with 3D cutting files.

Pneumatic clamp, just one step to complete router bit change

- The efficiency of auto router bit changer is 10 times of ordinary manual changing mode.
- No tools are required for changing.
- The router bit changing can be completed without removing the router module.
- Safe, fast, easy to operate.



Fully automatic router bit changer, no need for manual changing, available with multiple blades

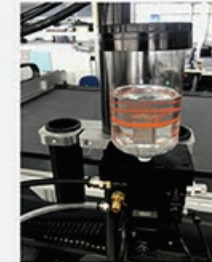


Up to 9 different types of router bits can be set in the automatic bit changing library

One module can realize engraving, milling, lettering, polishing and chamfering

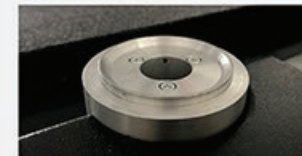
Compatible with Q1/Q2 Model

Available with oil lubrication device for aluminum processing



Automatic router bit cleaning device

- The system automatically cleans the residue on the bit before changing to keep the router bit library clean.



The maximal processing depth is 50mm

Available bit shank diameters are 4mm, 6mm and 8mm

Brush's automatic height detection function

- The brush on the high-power router module is motor-controlled, which can automatically detect material's thickness.



VARIETY OF TOOLS

FOR YOUR SELECTION

— Meet all your cutting requirements

V-CUT



Specialized for V-cut processing on corrugated materials, V-Cut Tool can cut 0°, 15°, 22.5°, 30° and 45°.

CTT



CTT is for creasing on the corrugated materials. A selection of creasing tools allows for perfect creasing. Coordinated with the cutting software, the tool can cut the corrugated material along its structure or the reverse direction to have a finest creasing result, without any damage to the corrugated material's surface.

UCT

UCT can perfectly cut materials with the thickness up to 5mm. Compared to other cutting tools, UCT is the most cost-effective one that allows for the fastest cutting speed and lowest maintenance cost. The protective sleeve equipped with spring ensures the cutting accuracy.



RZ

With imported spindle, RZ has a rotating speed of 60000 rpm. The router driven by high frequency motor can be applied for cutting hard materials with the maximum thickness of 20mm. RZ realizes the 24/7 working requirement. The customized cleaning device cleans up the production dust and debris. The air cooling system extends blade life.



POT

Driven by compressed air, POT with 8mm stroke, is especially for cutting hard and compact materials. Equipped with different kinds of blades, the POT can make different process effect. The tool can cut the material up to 110mm by using specialized blades.



KCT

The kiss cut tool is mainly used for cutting vinyl materials (labels). KCT makes it possible that the tool cuts through the top part of the material without any damage to the bottom part. It allows high cutting speed for material processing.



EOT

The Electrical Oscillating Tool is super suitable for cutting the material of medium density. Coordinated with various kinds of blades, EOT is applied for cutting different materials and is able to cut 2mm arc.



DRT

The Driven Rotary Tool cuts the materials by the high-speed rotating blades driven by the servo motor. The tool can be installed with circular blades and decagonal blades which are especially suitable for cutting woven materials.



EOT3

EOT3 suits for cutting sandwich board, honeycomb materials, vertical corrugated board, thick cardboard and tough leather. The 2.5mm stroke allows the tool cutting and processing thick and hard materials with high speed. The air cooling device can extend the working life of blades.



PRT

Compared with DRT, PRT, because of its strong power, is suitable for cutting a wider variety of materials, even for the pretty challenging glass fiber and kevlar fiber.





KT board

▶ Logo ▶ Poster ▶ Photo frame ▶ POP display ▶ Human figure standing board

Cutting Tool
EOT V-CUT



PP Paper

▶ Photography ▶ Poster ▶ Roll up banner ▶ Showing Stand

Cutting Tool
UCT



Foam board

▶ Creative toy ▶ Construction model ▶ Human figure standing

Cutting Tool
EOT RZ



Acrylic

▶ Trophy ▶ Sign production ▶ Panel ▶ furniture ▶ Sculpture board ▶ decoration ▶ products

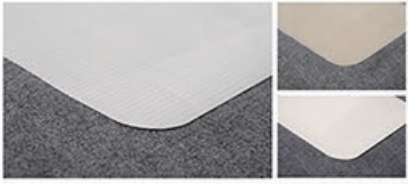
Cutting Tool
RZ



Vinyl sticker

▶ Label ▶ Logo production ▶ Vinyl materials for banner, automotive and industrial vinyl

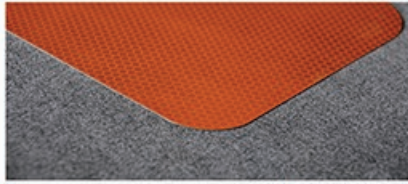
Cutting Tool
UCT KCT



Textiles

▶ Flex banner ▶ Flag banner ▶ Soft film ▶ Advertising display

Cutting Tool
DRT PRT



Reflective materials

▶ Traffic signs ▶ Warning signs ▶ 3M

Cutting Tool
UCT KCT



Aluminum composites

▶ Logo production ▶ Showing stand

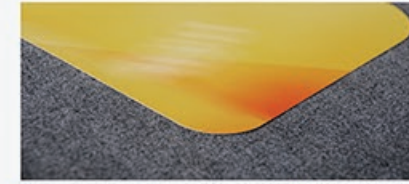
Cutting Tool
RZ



ABS

▶ Packaging ▶ Showing stand ▶ POP billboard

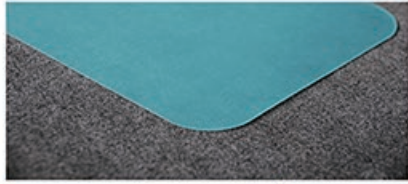
Cutting Tool
UCT RZ



Card board

▶ Color box ▶ Packing paper bag ▶ Creative sample

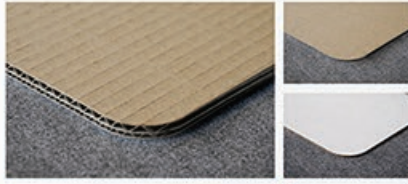
Cutting Tool
UCT EOT CTT



Plastic

▶ Gift box ▶ Folder ▶ Flex banner ▶ Advertising display

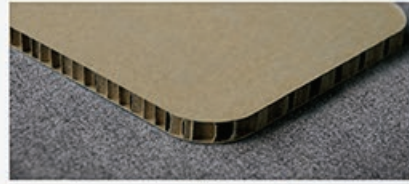
Cutting Tool
UCT EOT



Corrugated paper

▶ color box ▶ carton ▶ POP display

Cutting Tool
EOT CTT



Honeycomb board

▶ protective packaging ▶ Showing stand ▶ Creative works

Cutting Tool
EOT EOT3 V-CUT



Vertical corrugated board

▶ creative furniture ▶ POP display ▶ semi-permanent showing stand

Cutting Tool
EOT EOT3 V-CUT



Grey board

▶ Packaging ▶ gift box ▶ photo frame ▶ Creative works

Cutting Tool
EOT V-CUT



MDF board

▶ Showing stand ▶ furniture ▶ exhibition ▶ innovative works

Cutting Tool
RZ



Foam

▶ Protective packaging ▶ Sandwich material

Cutting Tool
POT



Corrugated plastic

▶ Packing box ▶ Showing stand

Cutting Tool
EOT EOT3 CTT



Other materials

▶ Please contact us to do performance testing.



PLATINUM Q CUT

For whatever materials and whatever shapes
WE ARE ABLE TO PROVIDE YOU
THE MOST SUITABLE
CUTTING TOOLS



Intelligent Material Library

- The system contains the processing ways for hundreds of materials from more than ten industries.
- The system can choose the best cutting tool and blade according to the selected material.
- The system can choose the best cutting mode and speed according to the material thickness.
- Router cutting file can be automatically layered. Fast edit cutting files without the need to set individually.
- No experience required to operator.
- Users can create their own material library according to their special materials.
- Compatible with all Q-Cut products.



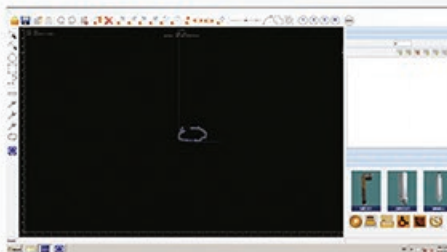
Smooth Line

The system simplifies the process of cut line creation: select the image file format that need to be edited, the system then automatically create cut files.



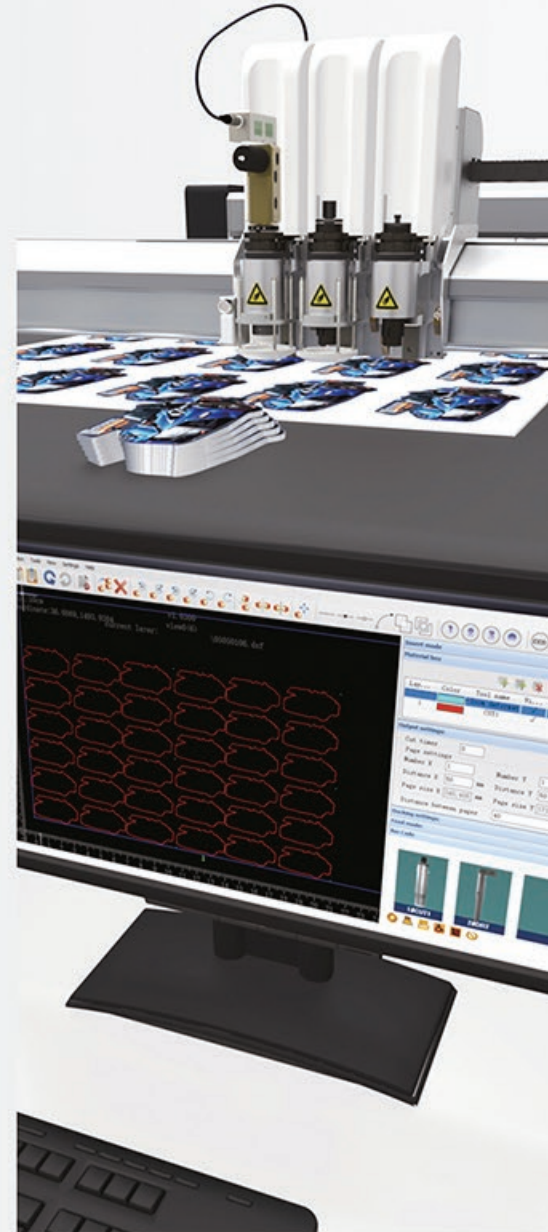
Compatible with different RIP software

Auto Processing system is compatible with Caldera, Wasatch, ONYX, MainTop, etc.



Automatic Bleeding

To cut a perfect edge, Auto Processing system has automatic bleeding creating function, which facilitate users to adjust the bleeding according to their requirements.



Convenient operation

Convenience and efficiency are the important symbol of Auto Processing system. Under the guidance of professionals, you can master the operation of Auto Processing system within 1 hour, and you can be proficient in the usage of Auto Processing system in one single day.

A barcode management system for cutting tasks

Cutting tasks automatically generate barcodes. The task information corresponds to the barcodes respectively. Customers can quickly get the cutting task through the barcode system.

Automatically add mark points

Cloud Service Module

Users can enjoy the fast online service through Cloud Service Module, which includes:
 Remote problem diagnosis: users can get assistance from network engineers on line before having on-site service;
 Remote system upgrade: users can have free system upgrades through Internet with latest operating system distributed to the Cloud Service Module.

Automatic Knife Initialization

- precision <math><0.3\text{mm}</math>.
- The efficiency is improved by 300%.
- Applicable for all the tools.

Router with automatic router bit changer

- With automatic router bit changing function, multiple types of router bits can change at random without human labor.
- Up to 9 different types of router bits can be set in the bit holder.
- One module can realize engraving, milling, lettering, polishing and chamfering.
- Automatic router bit cleaning device.

Barcode recognition system

- High-definition camera.
- CCD.
- Barcode scanner.

S	M	L	XL	XXL
	Q1-1713 Length 1700mm Width 1300mm 	Q1-2513 Length 2500mm Width 1300mm 		
		Q1-2517 / Q1-3017 Length 2500mm/3000mm Width 1700mm/1700mm 		
		Q2-2517 Length 2500mm Width 2100mm 	Q2-3521 Length 3500mm Width 2100mm 	Q2-5521 Length 5500mm Width 2100mm 
		Q2-2531 Length 2500mm Width 3200mm 	Q2-3532 Length 3500mm Width 3200mm 	Q2-5532 Length 5500mm Width 3200mm 