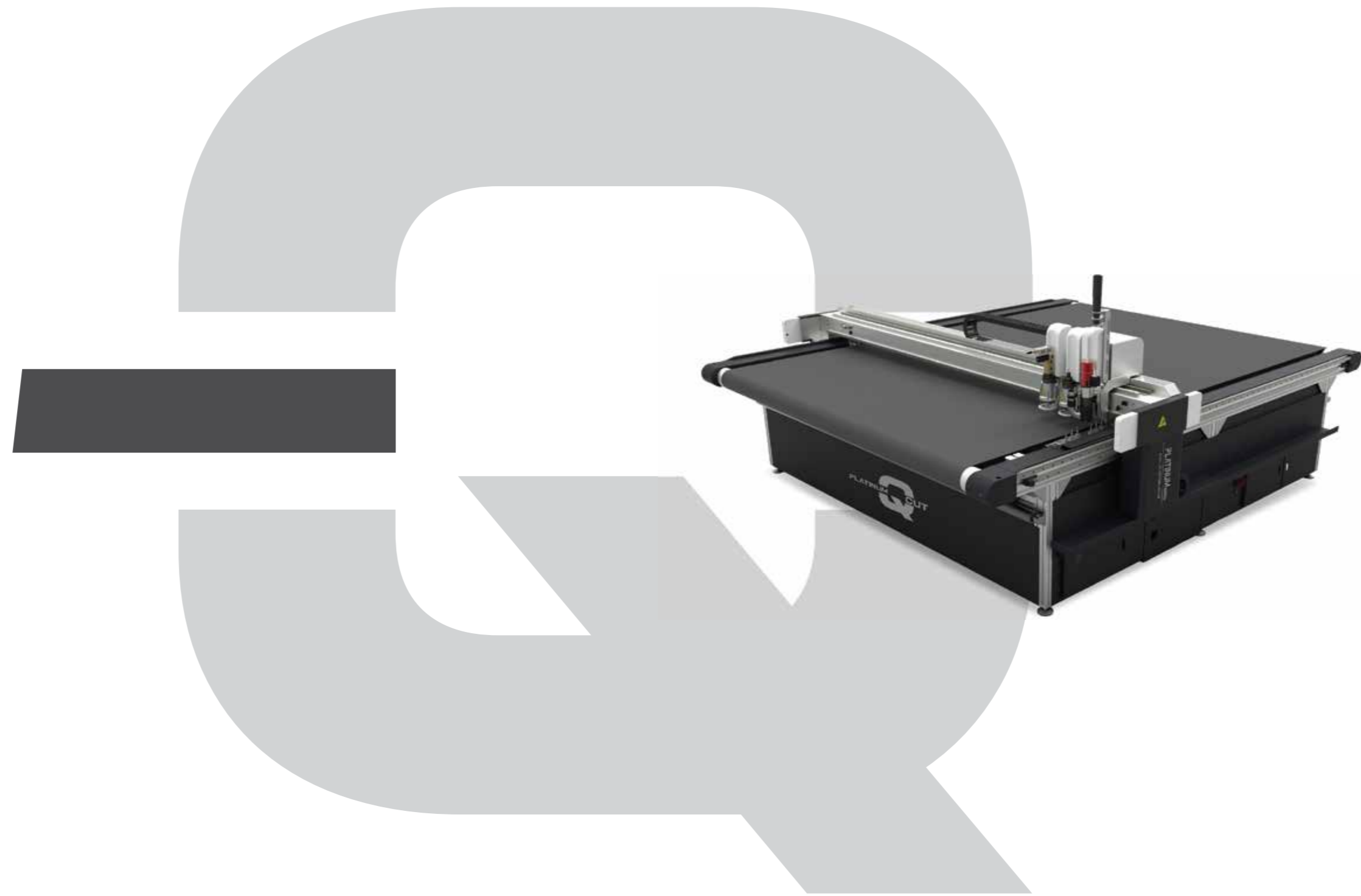


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All technical details in this catalog are subject to change by Factory

**DESIGN
NEW
VISION**



PLATINUM Q CUT

PLATINUM SERIES
Q CUT CUTTING SYSTEM

PLATINUM **Q** CUT

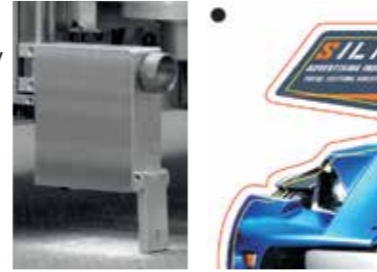
PLATINUM  CUT





Automatic Camera Positioning System

Equipped with a high precision CCD camera, the system automatically recognises the position on all kinds of materials. This solves issues that can arise from inaccurate manual positioning on the bed and the problems caused by print degradation allowing you to complete your work easily and accurately.



Higher Efficiency Cutting Head

The cutting speed can reach 1.5m/s, which is 4-6 times faster than manual cutting. An intelligent control system of Z Axis height and cutting tools reduce the range of motion, shortening the working time and increasing production efficiency.



Aviation Aluminum Honeycomb Panel

The application of aviation aluminium honeycomb panel allows for the air inside to circulate freely, ensuring the stability of the structure without the influence of thermal expansion and contraction. The heavy duty cells bear the force from the panel to compliment the high-level flatness of the work-surface.



Safety Device

An anti-collision protective device, with infrared blocking, is installed to ensure the operator's safety at the highest speed.



Continuous Cutting System

An intelligent conveyor system is used to achieve cutting and movement of the samples simultaneously, reducing labour costs and significantly improving the efficiency.



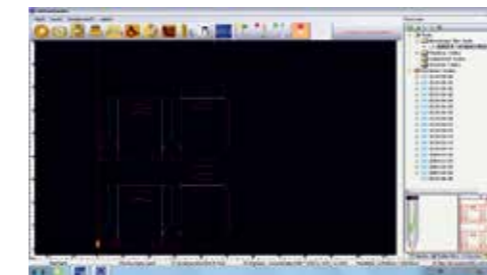
Dual Beams Cutting Systems

Equipped with the double beam cutting system, production efficiency is sufficiently increased.



Motion Control System

Cutter server is the centre of the control system, enabling the smooth and precise cutting of circle and curves.



Ergonomic Design

Q2 adopts new aviation aluminium material, with high-intensity, corrosion resistance and strong tenacity, to strengthen the stability of the machine. The Q2 system is ergonomic-friendly allowing you to have a better experience whilst operating the machine.



Software

The page cutting functions permits the processing of larger material sizes for all your cutting needs.



AKI System

The automatic knife initialisation system helps to control the depth of the cutting tool to allow for a greater accuracy.



X Axis Two Motors

Two motors with balance technology, for the extreme wide beam, makes the transmission more stable and accurate.



Rack and pinion Gear drive

The system provides excellent, dynamic conditions to alleviate pressure under extensive workloads, with high-speed durability for those high-density materials.



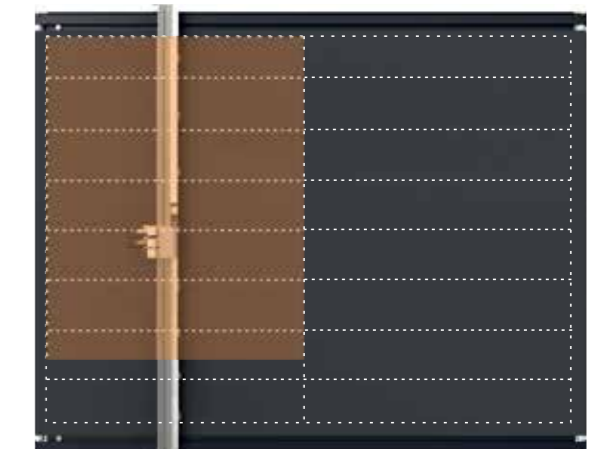
Diversified Cutting Tools

To meet the different industrial cutting requirements, the cutting head can be flexibly adjusted from the standard head, punching/notching head or the milling head.



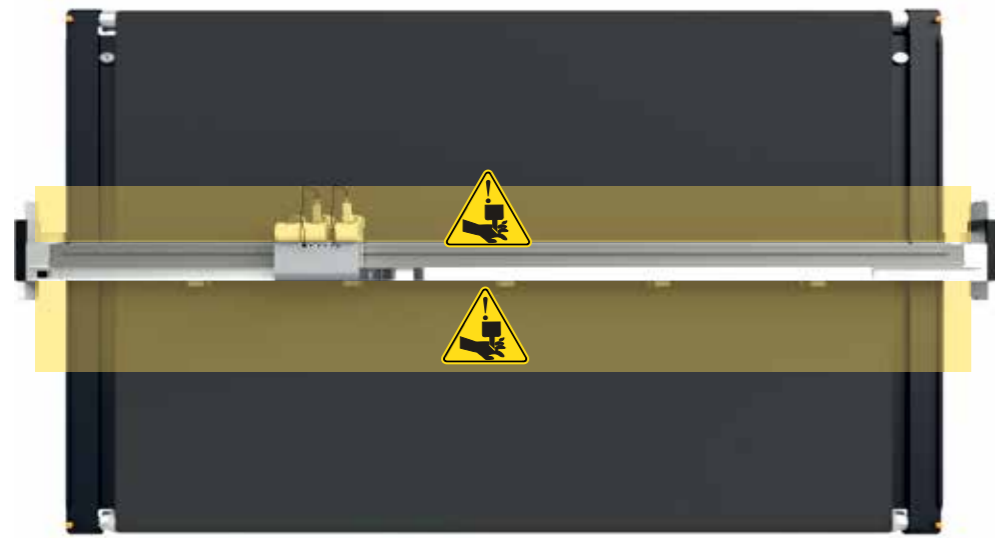
Flexible Working Area

The modularised working area can be added accordingly to meet the customer's requirements.



Safety Device

An anti-collision protective device, with infrared blocking, is installed to ensure the operator's safety at the highest speed.



Energy-Saving Vacuum Pump with Frequency Converter

The vacuum power is adjusted according to the different materials, ensuring a low-energy consumption.

Convenient Data Management

A barcode system is in operation to retrieve the corresponding cutting files automatically, simplifying the operation process.

Comfortable Operating Platform

All operations are completed via one computer, touch screen technology is not required for this process.

Accurate and Stable Working Table

Built with aviation aluminium, with an internal honeycomb structure, the cutting table is sturdy enabling high-precision longevity.

Automatic Knife Initialization

Adjust the depth of the knife automatically, efficiently and accurately.



Modularized Cutting Tools

The modularised design ensures the cutting tools can be used on all Platinum Q-Cut products.



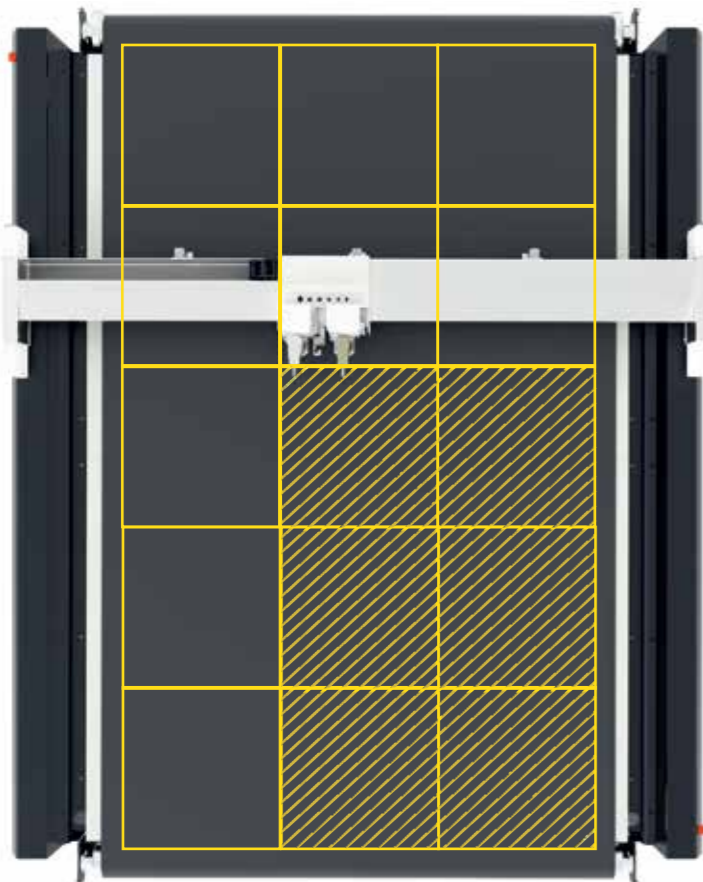
Complete Cutting Tools

The cutting systems provided have a complete set of tools for all the materials required within the signage and graphics industry, including paper, vinyl, KT board, corrugated board, foam, PVC and acrylic. This allows for through-cutting, half-cutting, V-cutting, engraving, creasing and marking.



Regional Vacuum Suction

The vacuum suction area can be selected according to the sizes of the materials, improving the suction effect.





High-precision automatic positioning system

With the high-definition CCD camera, locating and contour cutting can be accurately completed on various materials automatically, solving the issues with manual positioning/printing distortion, helping to achieve a precise cutting result. The Q-Cut diversified positioning mode meets different cutting needs for a range of materials, whilst guaranteeing high-precision contour cutting.



HIGH-POWER ROUTER MODULE

- **High-efficiency application**
Equipped with a router module with a high-frequency rotor, the machine can be used to cut not only hard materials but soft foamed materials of up to 50mm thickness. Its performance is superior to the traditional cutting equipment, maximising the output of the processed materials, whilst meeting the demand of 24/7 production.
- **Excellent performance**
A German engineered spindle with 350w -1.0kw or 1.8kw power available. Rotation speed can be up to 60000rpm according to different material application requirements, allowing a smoother cutting edge.
- **Three-dimensional System**
The 3D system can mill simultaneously in 3 axes (X, Y, Z). The system can be used to make three-dimensional relief logos accompanied by 3D cutting files.
- **Dust suction device**
The Festool dust extraction vacuum minimises the dust produced during processing.

■ Pneumatic clamp, just one step to complete router bit change

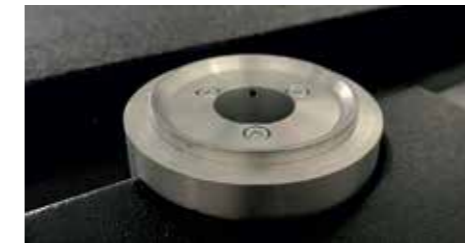
- The efficiency of the auto router bit charger is ten times that of ordinary manual changing mode.
- No tools are required for changing.
- The router bit changing can be completed without removing the router module.
- Safe, easy and fast to operate.



- Up to 9 different types of router bits can be set automatically in the changing library
- One module can complete engraving, milling, lettering, polishing and chamfering.
- Compatible with Q1/Q2 model

■ 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



A selection of creasing tools allows for perfect creasing on corrugated material. Coordinated with the cutting software, the tool can cut the material along its structure to produce the finest creasing results, without damage to the 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 spindles, RZ has a rotating speed of 6000rpm. The router, driven by a high-frequency motor, can be applied to cutting hard materials with the maximum thickness of 20mm. RZ realises the necessity for 24/7 working requirements and the customised cleaning device cleans the dust and debris to minimise human input. Further to this, the air-cooling system extends the blade life making the machine more cost-efficient.



POT

Driven by compressed air, the POT, with an 8mm stroke is essential for cutting hard and compact material. Equipped with different types of blades, the POT can ensure different process effects are achieved. The tool can cut the material up to 110mm by using these specialised blades.



KCT

The Kiss Cut Tool is mainly used for cutting vinyl material. KCT makes it possible for the tool to cut through the top layer of the material without damaging the layer beneath.



EOT

The Electrical Oscillating Tool is suitable for cutting medium density material, coordinated by the different blade types. The EOT is perfect for cutting different materials being able to cut a 2mm arc.



DRT

The Drive Rotary Tool cuts the material using the high-speed rotating blades, driven by a powerful servo motor. The tool can be installed with both circular and decagonal blades which are especially suitable for cutting woven material.



EOT3

The EOT3 is suitable for cutting sandwich board, honeycomb material, vertical corrugated board, thick cardboard and tough leather. The 2.5mm stroke allows for high-speed processing of thick and hard material. The air-cooling device helps to extend the working life of the blades.



PRT

Compared to the DRT the PRT is suitable for cutting a wider variety of material due to its enormous power. It is even suitable for challenging glass and Kevlar fibre.





KT board

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

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 products ▶ board ▶ decoration

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

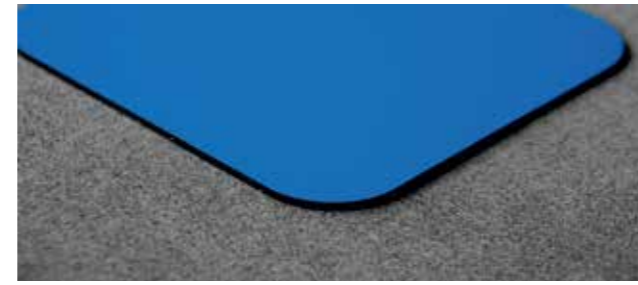


Reflective materials

▶ Traffic signs ▶ Warning signs ▶ 3M

Cutting Tool

UCT KCT

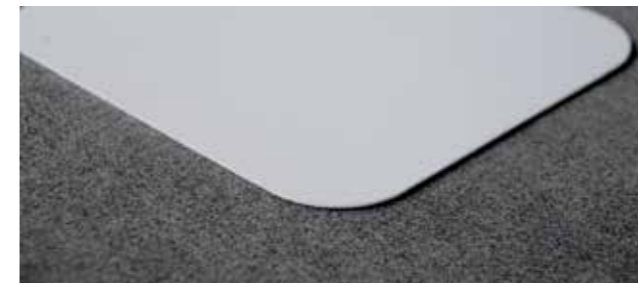


Aluminum composites

▶ Logo production ▶ Showing stand

Cutting Tool

RZ

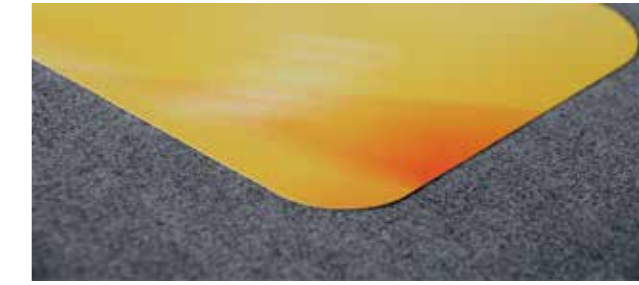


ABS

▶ Packaging ▶ Showing stand ▶ POP billboard

Cutting Tool

UCT RZ

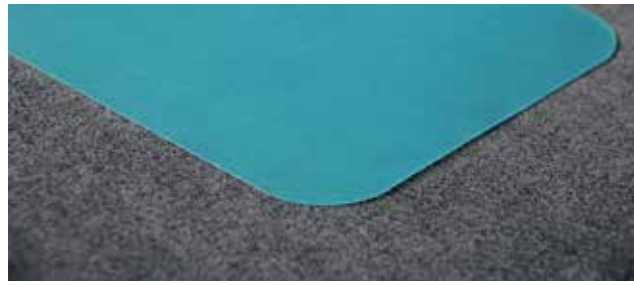


Card board

▶ Color box ▶ Packing paper bag ▶ Creative sample

Cutting Tool

UCT EOT CTT

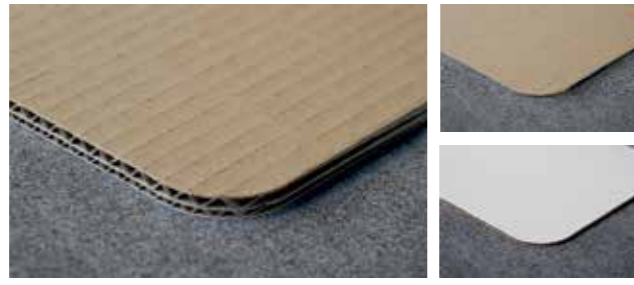


Plastic

▶ Gift box ▶ Folder ▶ Flex banner ▶ Advertising display

Cutting Tool

UCT EOT

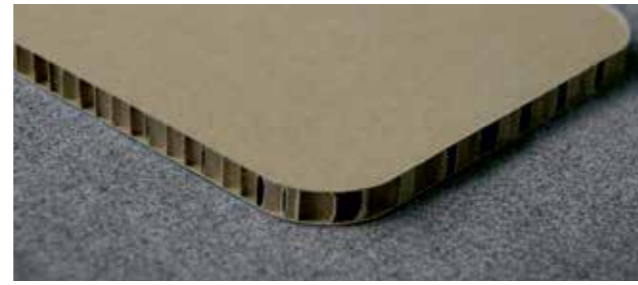


Corrugated paper

▶ color box ▶ carton ▶ POP display

Cutting Tool

EOT CTT



Honeycomb board

▶ protective packaging ▶ Showing stand ▶ Creative works

Cutting Tool

EOT EOT3 V-CUT

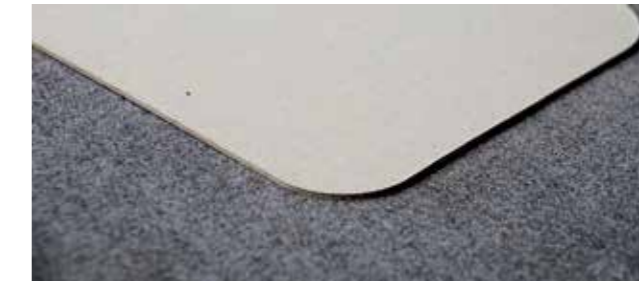


Vertical corrugated board

▶ 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.



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 operate.
- Users can create their own material library according to their special materials.
- Compatible with all Q-Cut products.

Smooth Line

The system helps to simplify the process of cut line creation by selecting the image file format that needs to be edited and then the system automatically creates the desired cut file.



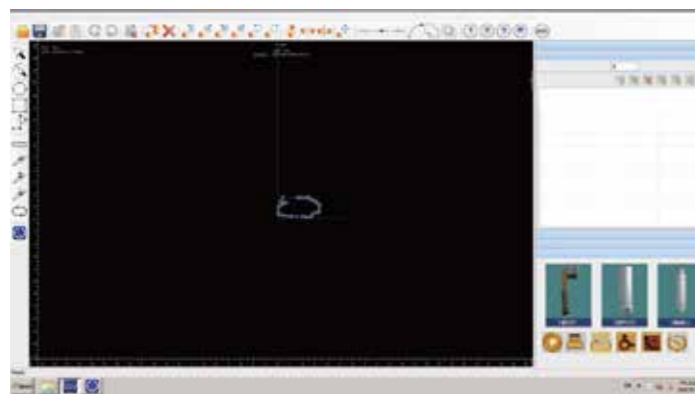
Compatible with different RIP software

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



Automatic Bleeding

To ensure a perfect edge, the Auto Processing system has an automatic bleeding function, which facilitates the user ability to adjust the bleeding according to their requirements.



Convenient operation

Convenience and efficiency are fundamental aspects of the Auto Processing system. Under the guidance of the operating professional, you can master the operation of the system in less than one hour, helping you become proficient in the usage of the system to improve work efficiency.

Automatically add mark points

Cloud Service Module

Users can enjoy the fast online service through the Cloud Service Module, which includes:

- Remote problem diagnosis
- Users can receive assistance from network engineers online before having to request onsite services.
- Remote system upgrade
- Users have access to free system upgrades with the latest operating system distributed through the Cloud Service Module.

Automatic Knife Initialization

- precision <0.3mm.
- The efficiency is improved by 300%.
- Applicable for all the tools.

Router with automatic router bit changer

- With the automatic router bit changing function, various types of router bits can be adjusted at random without the need for human labour.
- Up to nine different types of router bits can be set in the bit holder.
- One module can support engraving, milling, lettering, polishing and chamfering.
- Automatic router bit cleaning device.

S	M	L	XL	XXL
	Q2-1510 Length 1500mm Width 1000mm 			Q2-4521 Length 4500mm Width 2100mm 
	Q2-1516 Length 1500mm Width 1600mm 			Q2-5516 Length 5500mm Width 1600mm 
		Q2-2516 Length 2500mm Width 1600mm 	Q2-3516 Length 3500mm Width 1600mm 	Q2-5532 Length 5500mm Width 3200mm 
		Q2-2521 Length 2500mm Width 2100mm 	Q2-3521 Length 3500mm Width 2100mm 	Q2-6532 Length 6500mm Width 3200mm 
			Q2-3532 Length 3500mm Width 2100mm 	Q2-7521 Length 7500mm Width 2100mm 

