

BK4

HIGH SPEED DIGITAL CUTTING SYSTEM

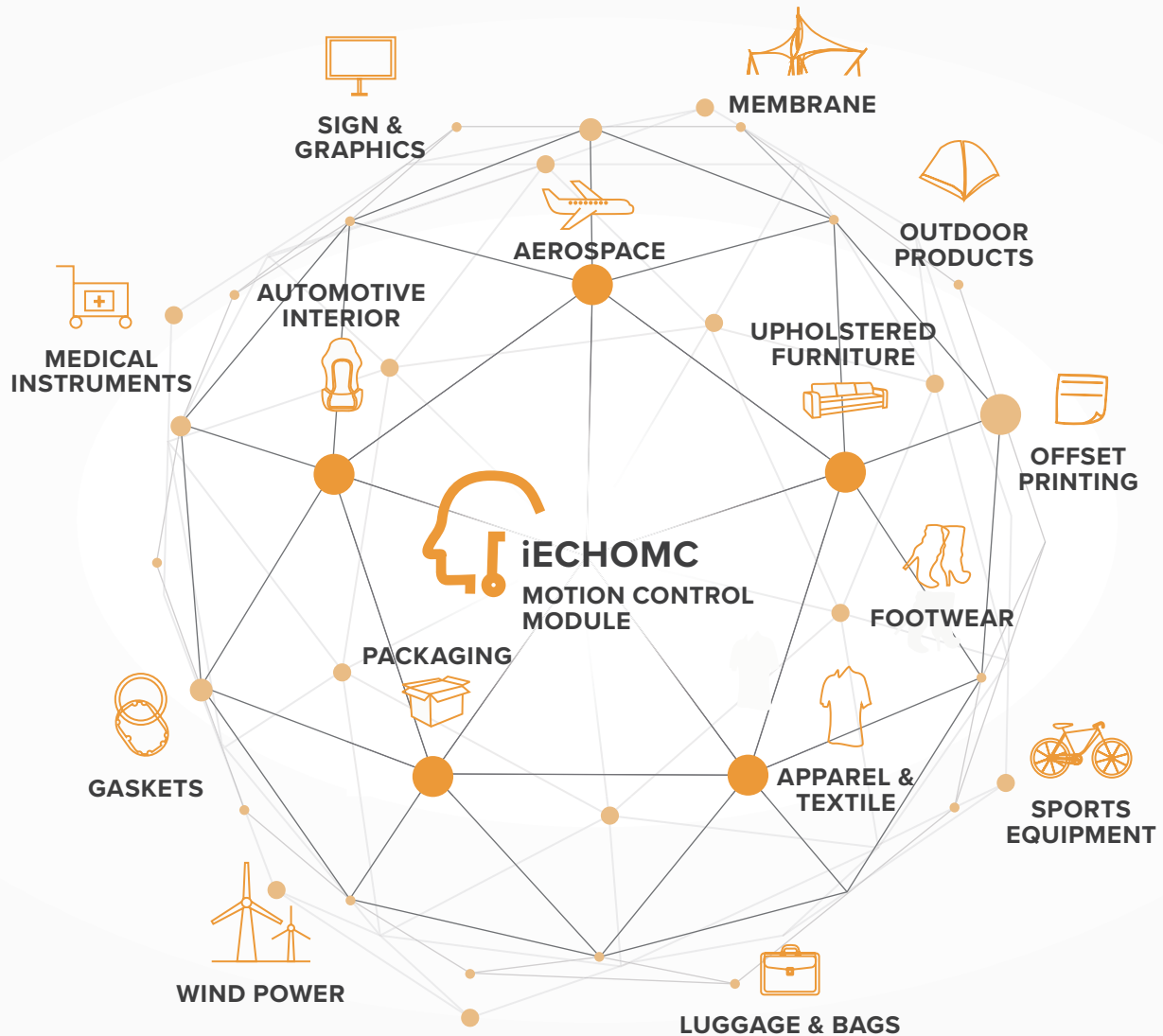
Inherit high quality / Continue the classic

Fast / Precise / Reliable

Intelligent iECHOMC Precision Motion Control

Maximum
1800 mm/s

iECHOMC motion control module makes the machine run more intelligently. Different motion strategies can be replaced at will and easily deal with the processing of different products in different industries.



Remote Diagnosis

Quick diagnosis and solve problems remotely



Intelligent Optimization

Optimize cutting solution according to products



Custom Development

Development of exclusive control software

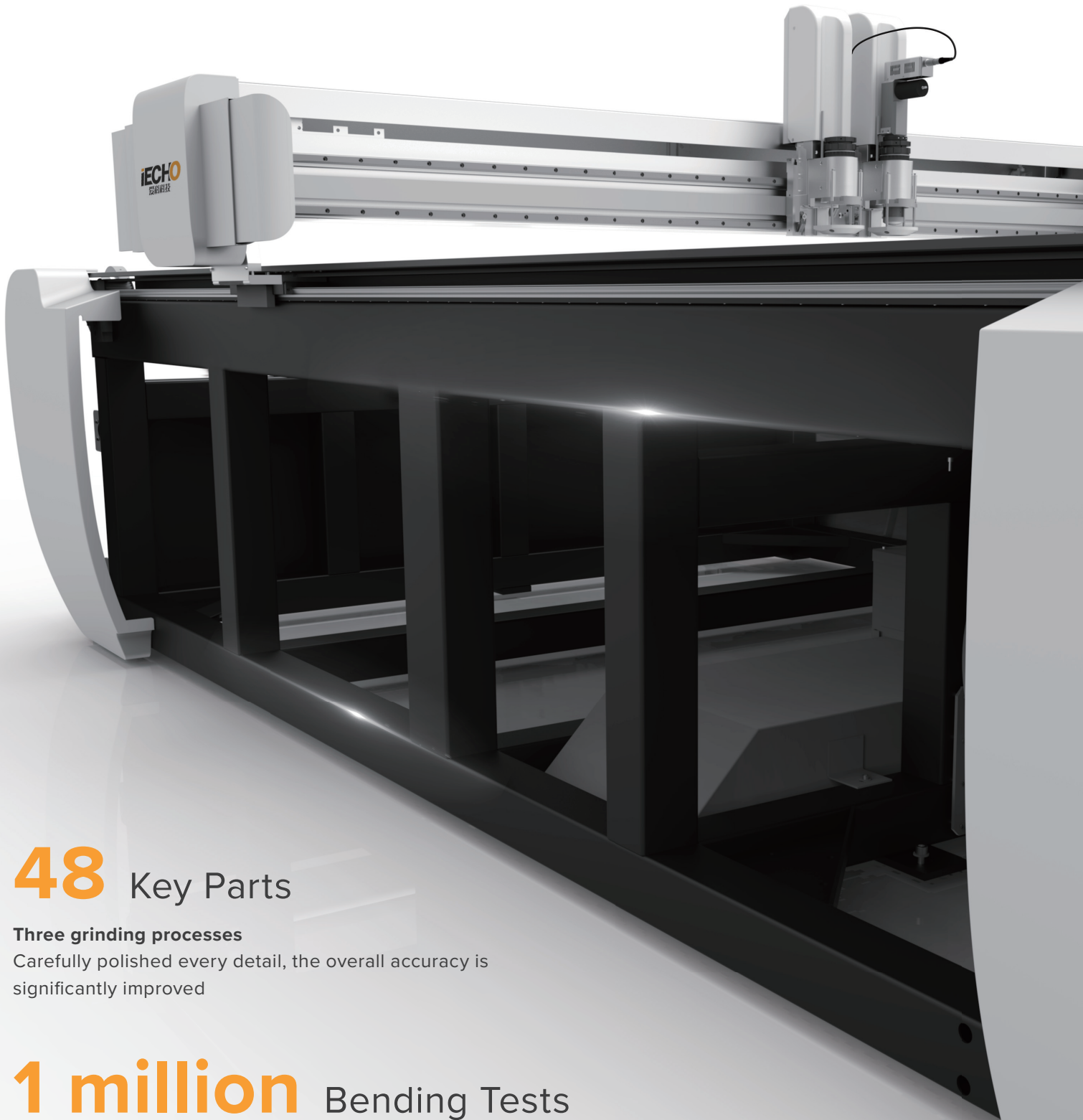


MES

Connect to various management systems

Ultra-high Strength Integrated Frame

12mm steel frame with qualified connection technology, the machine body frame weighs 600KG.
Strength increased by 30%, reliable and durable.



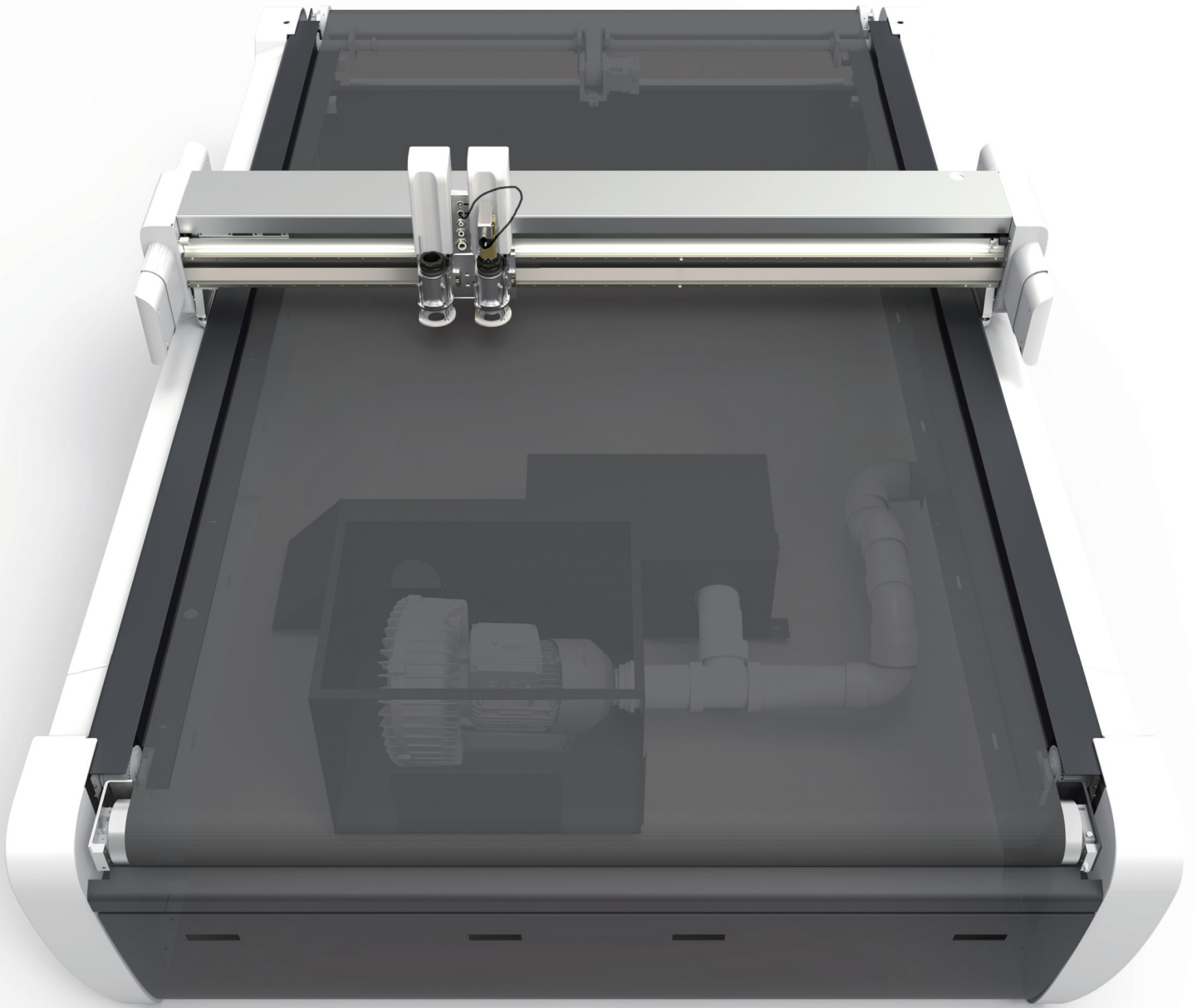
48 Key Parts

Three grinding processes

Carefully polished every detail, the overall accuracy is significantly improved

1 million Bending Tests

The cable of the whole machine has passed 1 million times of bending and fatigue resistance test. Longer life and higher safety.



Standard configured Soundproof Box Create comfortable working environment

Latest upgraded mute system, noise reduction at the source.



65 dB in energy saving mode

Air circulation cooling Good heat dissipation

IECHO's newly developed air circulation cooling system efficiently dissipates heat and easily copes with harsh environments

Exquisite Appearance Excellent Quality

Whole machine integrated molding, Stylish appearance
Appreciate the Beauty of Design

Outside

Textured body / Qualified choice

NEW APPEARANCE

HIDDEN CABLE CARRIER

HIGH-STRENGTH ENGINEERING MATERIALS

Inside

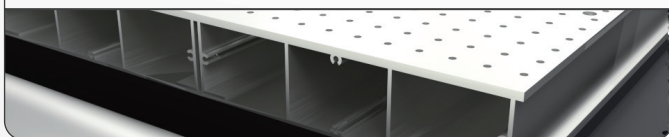
Superb Craftsmanship

NEW VACUUM DESIGN
AIRFLOW INCREASED BY 25%

DIAGONAL BRACE BUILT IN THE GANTRY
STRUCTURAL STRENGTH INCREASED BY 30%

INTELLIGENT VACUUM ZONES
INTELLIGENTLY ADJUST SUCTION ACCORDING TO MATERIAL SIZE

IMPORTED AVIATION ALUMINUM TABLE
INTEGRATED MOLDING, SMOOTH AND STABLE



LARGE FLOW PIPELINE DESIGN
SUPER SUCTION



Coexistence of details and strength

Excellent Quality

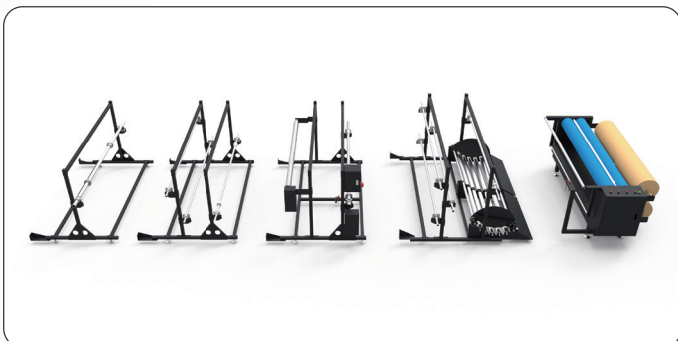


Diversified cutting module configuration

Diversified cutting modules can be freely combined as needed, satisfying the cutting requirements for different materials in different industries.

Upgrade circuit layout

Upgraded circuit layout, more convenient operation.



Various material unwinding devices

Choose the correct unwinding device according to feature of the material.

Intelligent conveyor system

Intelligent control of material transmission realizes the coordinated work of cutting and collecting, realized continuous cutting for super-long marker, saving labor and improved production efficiency.

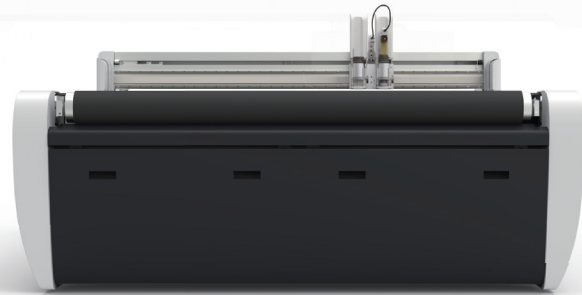




TOP VIEW



SIDE VIEW



FRONT VIEW

MODEL	BK4-1311	BK4-1713	BK4-2011	BK4-2516
CUTTING AREA	1300 x 1100	1700 x 1300	2000 x 1100	2500 x 1600
MACHINE DIMENSION	2100 x 1900	2500 x 2100	2800 x 1900	3200 x 2400
WEIGHT	600 KG - 900 KG			
MAX. CUTTING SPEED	1800 MM / S			
MAX. CUTTING THICKNESS	50 MM			
CUTTING PRECISION	0.1 MM			
FILE FORMAT	DXF / HPGL / ISO			
SUCTION MEDIA	VACUUM			
PUMP POWER	7.5 KW / 9 KW			
ELECTRIC POWER	220V / 50HZ 380V / 50HZ			
OPERATION ENVIRONMENT	TEMPERATURE: 0 °C - 40 °C HUMIDITY: 20% - 80% RH			

Variety of tools for your selection

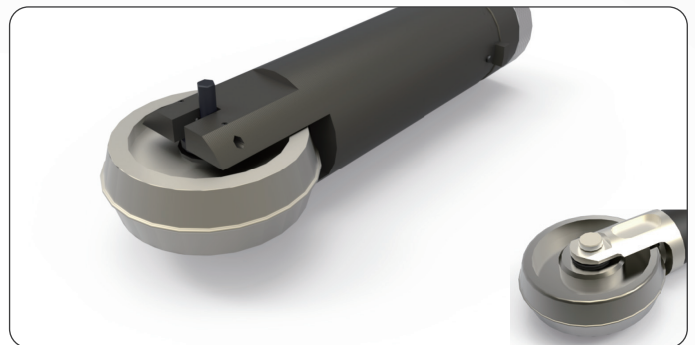


V-CUT

A dedicated tool used for corrugated and sandwich materials to make V groove, can change blade slope (0°, 15°, 22.5°, 30°, 45°) to achieve different results.

CTT

Used for making creases on corrugated and similar materials. It can crease perfectly by different types of wheels. By controlling the cutting software, creasing tool can process along corrugated direction or in different direction, to obtain high quality creases.

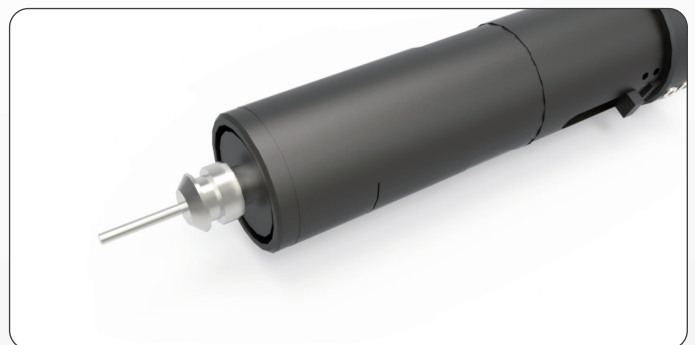


UCT

UCT can cut materials up to 5mm thickness with fast speed. Comparing with the other tools, UCT is the most cost-effective tool. It has three types of blade holders for different blades.

RZ

The imported spindle with 350W power is used. According to different materials and applications, the speed can be up to 60000 RPM. The high-frequency rotor-driven module is used to cut hard materials and foam materials with a thickness of 20mm.



Variety of tools for your selection



POT

Driven by compressed air, 8mm stroke suits very well for foam material cutting such as honeycomb board, and suited for multiple types of materials, with special blade it can cut up to 60mm thickness.

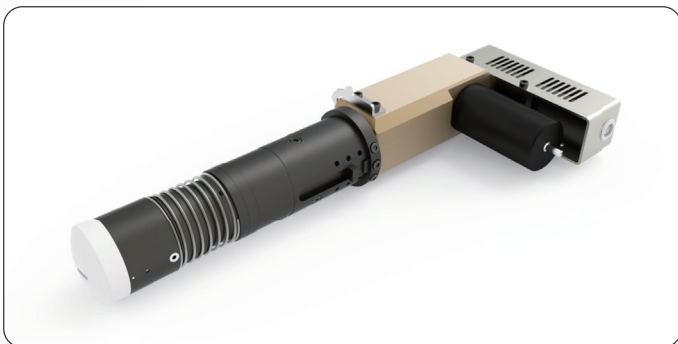
KCT

Mainly used for cutting vinyl (sign, sticker material), by adjusting blade position it can cut material with precise depth, cut accurately the upper layer without damaging under layer with fast speed.



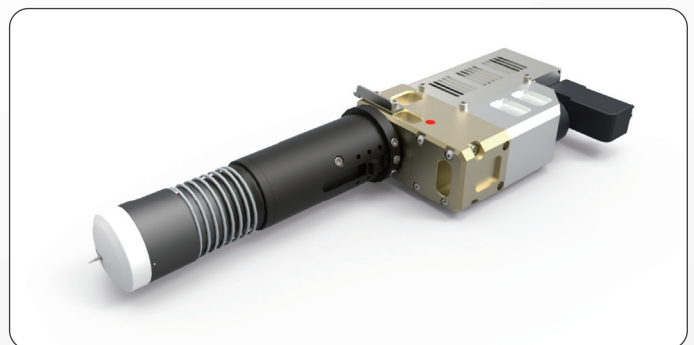
EOT

The high-frequency vibration of the brushless DC motor cuts the material, which is suitable for cutting medium-density materials. With a wide variety of blades, it is suitable for processing different materials, and can process a minimum of 2mm arc.



EOT4

EOT4 is used to process sandwich/honeycomb board material, corrugated board, thick carton board and strength leather. It has 2.5mm stroke, can cut thick and dense material with high speed. It is equipped with air cooling system to extend blade lifespan.



Variety of tools for your selection



DRT

The brushless DC motor drives the blade to rotate and cut the material at high speed. It can be equipped with round blades or 10-angle blades. It is particularly suitable for cutting woven materials, which can significantly reduce the drag force and help to cut each fiber or thread completely.

PRT

Compared with DRT, the PRT with its strong power performance is suited for wider range of materials, can cut easily the challenging materials like glass fiber and aramid fiber. It has air cooling system to reduce motor temperature to expand its lifespan.

