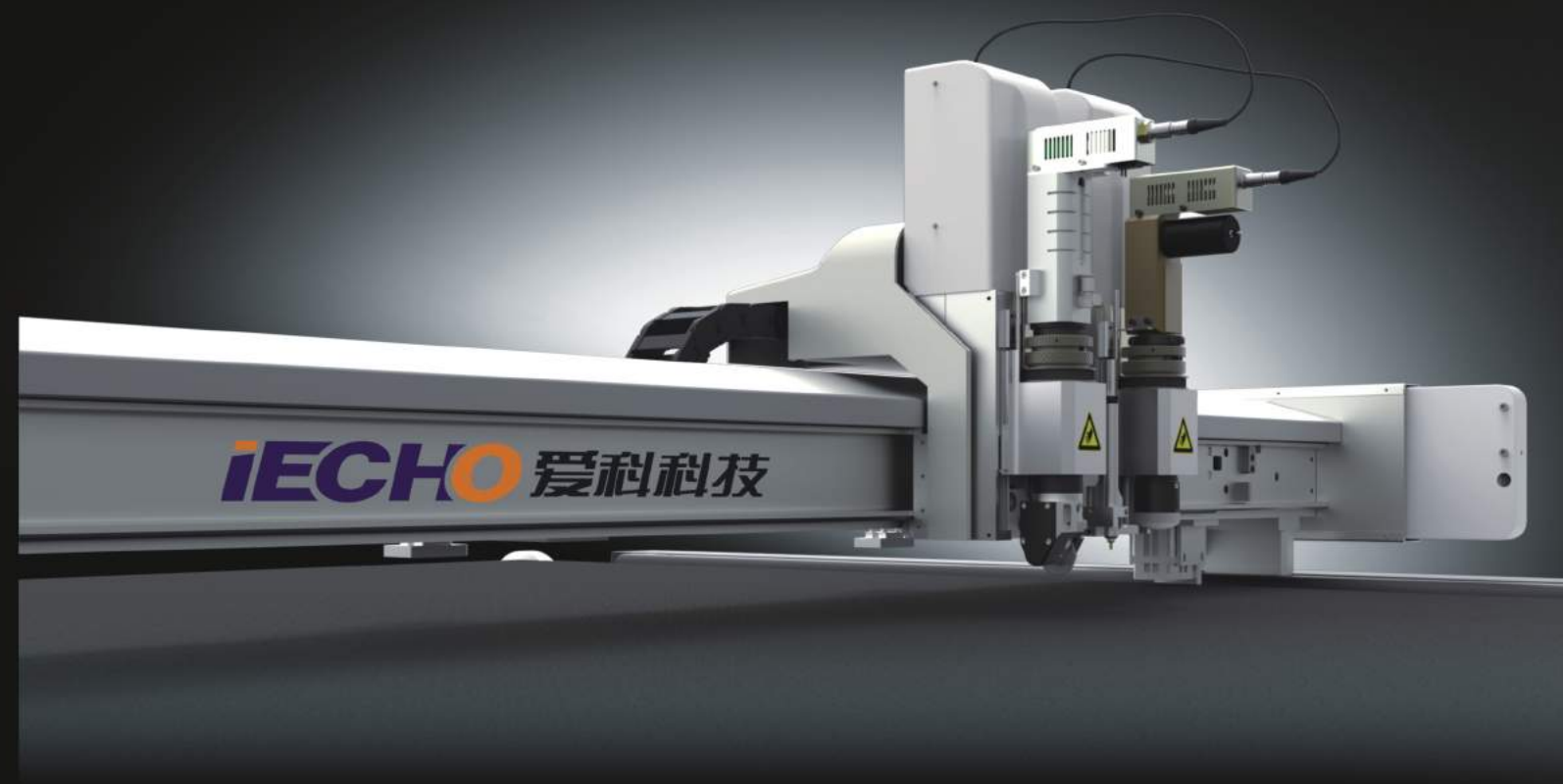




BK2 High Speed Digital Cutting System



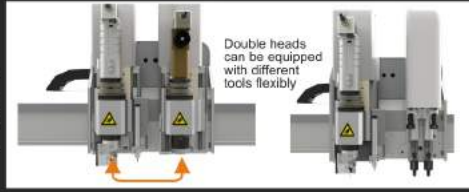
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Diversified Head Configuration

Can be combined with standard heads, punching heads and milling heads to match industry's needs, and flexible to deal with new production requirements.



IECHO Automatic Camera Positioning System

Equipped with high quality CCD camera, to achieve automatic precision positioning, automatic cutting and eliminating problems which caused by manual positioning and print deformation. Hence, to simply and accurately complete the task.



The 3rd Generation PPT (punching) Head

1. Equipped with high speed rotary punching, max speed can be reached to 3 pieces / second.
2. Punching force can be increased 50%.
3. Can be equipped with centralized cleaning device.



Safety Device

Safety device ensure the safety of operator while controlling the machine under the high speed processing. And equipped with infrared automatic sensor device, can avoid the material waste during the cutting process.



Intelligent Conveyor Belt

The intelligent conveyor belt controls the material's transport automatically, helping the materials feeding and collecting.



Flat Working Table

BK2 cutting table is made of high imported aviation PMMA, The table becomes more stable and flat after polishing.

IECHO Modular Customization Solutions



All different sizes of machine can be customized for our different customers.



Ergonomic Design

With frame structure reinforcement of BK2 machine, which makes the equipment more stable. At the same time, the design of BK2 cutting system is allowing you to have the enjoyable operation and processing experience with Ergonomic Design

Effective Cooling System

With wing-shaped heat sink on the circuit integrated board of BK2, which can effectively speed up the cooling speed in the circuit box and reduce 85%-90% dust compares to the fan cooling.



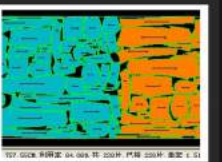
IECHO Motion Control System

IECHO CutterServer cutting control center enables the cutting process smoother and the curve of cutting more perfect.



IECHO Super Automatic Nesting System

According to the customized nesting samples and width control parameters which set by customers can be automatically and efficiently generated to the best nesting.

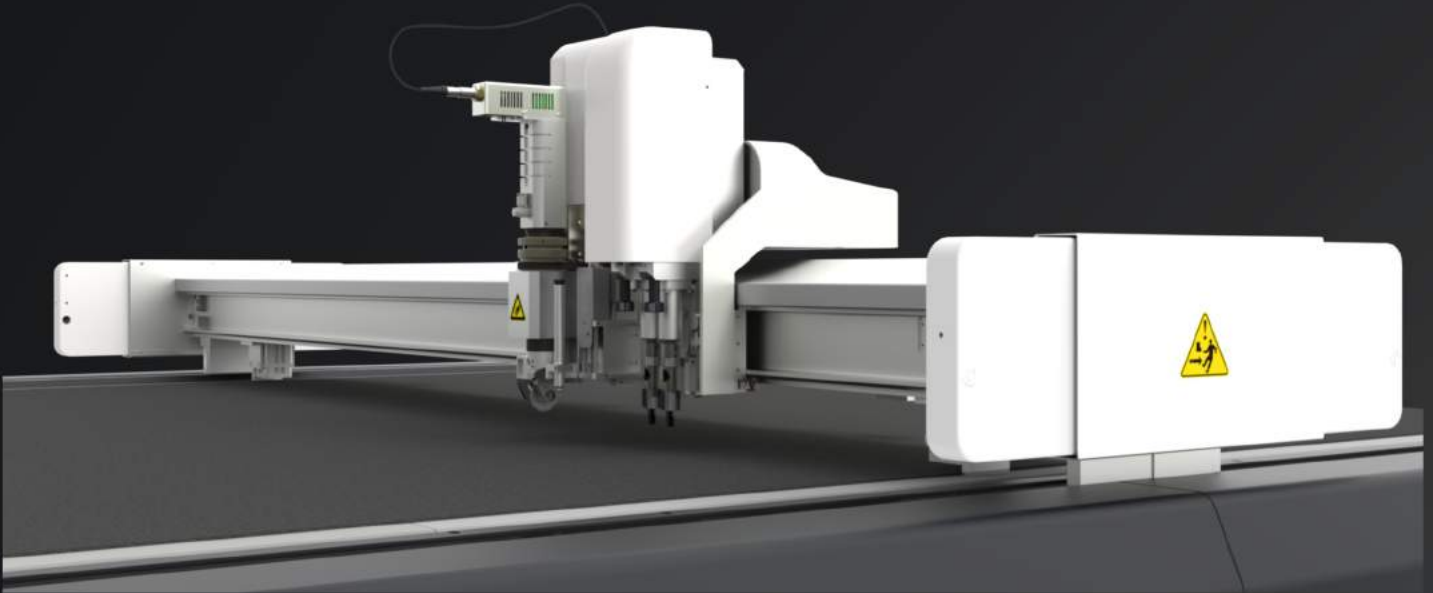


Scientific Wiring System

With simple and scientific circuit wiring system, which can effectively improve the stability of circuit. It can ensure the update to be more convenient in the future, and increased the expansibility of the device.

BK2 High Speed Digital Cutting System

Bk2 High speed digital integrated cutting system is a high speed(single layer/few layers) material cutting system, which is widely applied to automobile interior, advertisement, garment,furniture, and composite materials field and can be precisely used for full cutting, half cutting,engraving,creasing,grooving and marking. BK2 Cutting system provides best choice for automatic production of many different industries with high precision, high-efficiency and flexibility.



PARAMETERS

Type	BK2-1311	BK2-1713	BK2-2011	BK2-2516
Cutting Area	1300mmx1100mm	1700mmx1300mm	2000mmx1100mm	2500mmx1600mm
Floor Area	2100mmx1900mm	2500mmx2100mm	2800mmx1900mm	3200mmx2400mm
Length	800mm-5000mm			
Width	800mm-5000mm			
Speed	1000mm/s			
Precision	0.1mm			
Thickness	50mm			
Data Format	DXF, HPGL			
Interface	Serial Port			
Media	Vacuum System			
Pump Power	5.5KW/7.5KW / 9KW / 11KW			
Power	220V/50HZ 380V/50HZ			
Operating Environment	Temperature 0°C-40°C Humidity 20%-80%RH			

Automobile Upholstery

The BK2 Cutting System provides a total solution for a wide variety of materials used in the automotive industry including textiles, PVC, and many other interior components.



Composites

The BK2 Cutting System virtually eliminates time consuming hand drawing and manual cutting operations. The more complex and challenging the assignment, the more benefits you will realize in productivity and accuracy by using the BK2 Cutting System.



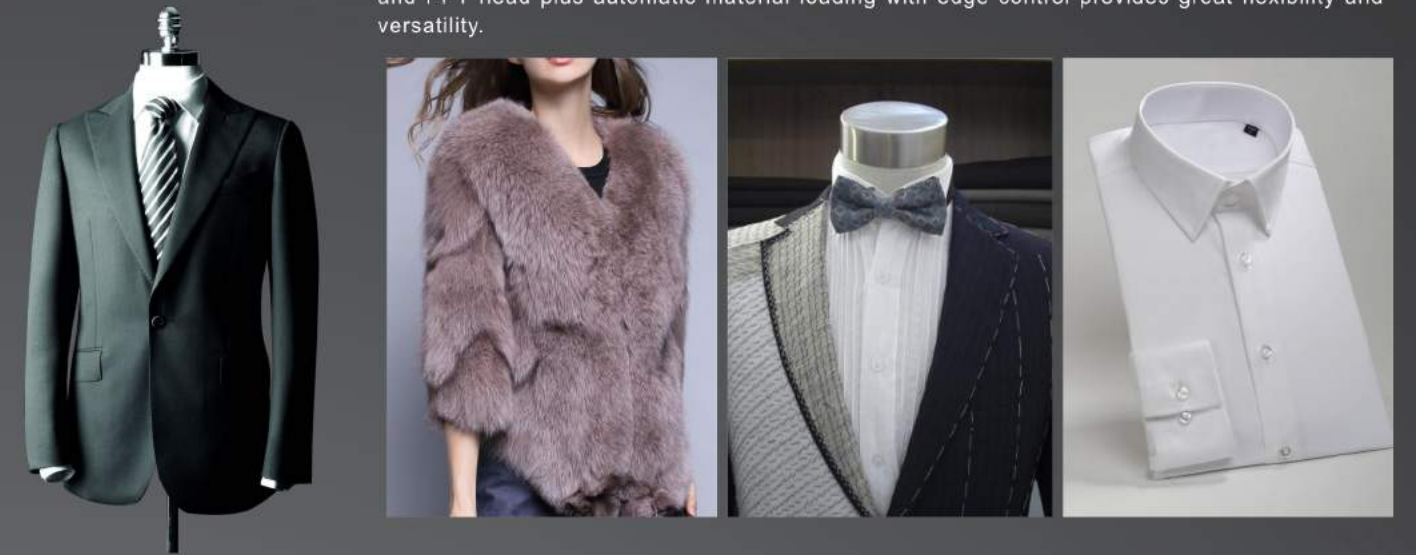
Sign & Advertising/ Packaging

The BK2 Cutting System provides a total solution to the needs of the sign and advertising industry. Sample making and mass production on substrates such as corrugated, chipboard, honeycomb and KT board are easily performed. The high RPM milling tool also supports fabrication of acrylic, aluminum plastic panels, and other hard materials. With the automatic stacker, the BK2 Cutting System supports efficient production runs.



Garment & Textile

The BK2 Cutting System is well suited to the needs of garment and textile producers for product development or for the manufacture of high end custom clothing. The combination of the DRT tool and PPT head plus automatic material loading with edge control provides great flexibility and versatility.



Furniture & Textile

The BK2 Cutting System provides an integrated cutting solution to the home textile industry, not only significantly improved the textile utilization and processing efficiency, but also can effectively improve product's quality. To achieve high efficiency of products, low supplies cost, and quality optimization.



Other Industries

The BK2 Cutting System is widely applied to global non-metallic industries, such as footwear, luggage, membrane, sporting goods, toys, wind power, medical supplies etc. In order to provide professional and stable integrated cutting solution for non-metal industrial customers.





IECHO EOT Electronic Oscillating Knife for cutting soft and medium density materials, available with 1mm stroke.



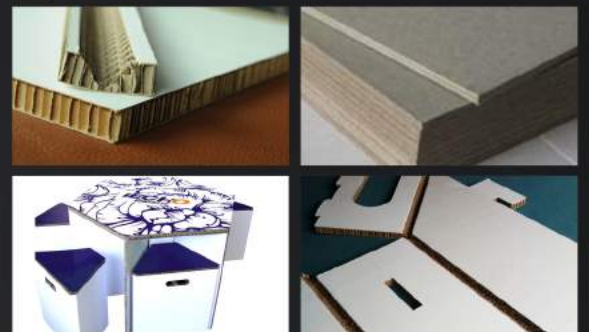
IECHO DRT Driven Rotary Tool for cutting textiles.



IECHO UCT Universal Cutting Tool, used for through cutting materials with thicknesses up to 5 mm at high speed at low cost.



IECHO V-CUT The V-Cut tool is the perfect tool for producing complex structural designs from foam core or sandwich board materials. The tool can be set for cutting 5 different angles for different cutting requests. The 5 different angles are 0°, 15°, 30°, 45° respectively.



IECHO KCT Kiss Cut Tool, for cutting vinyl, foil, films, thin paper, cardboard and other thin materials.



IECHO CTT The CTT Tool is used for creasing corrugated materials. A selection of creasing tools allows perfect creasing in many substrates.



IECHO RZ The router operates at speeds up to 60,000 RPM, and delivers solid performance on a wide range of rigid and flexible materials. Highly precise engraving capabilities include kiss cutting. Efficient dust extraction helps maintain a clean healthy work environment.



IECHO POT The Pneumatic Oscillating Tool is an air driven tool operating at high frequency to cut materials. Stroke is adjustable up to 8 mm, and is capable of cutting hard dense materials. Blades are available to permit cutting materials up to 50 mm thick.

