

BOBSBERG

AUTOMATIC DIGITAL CUTTING MACHINE



AUTOMATIC DIGITAL CUTTING TABLE

It's an advanced, versatile piece of machine for small production especially for sample making. It is designed for precision cutting and creasing materials such as corrugated board, cardboard, foam, PVC board, plastic, stickers etc.. Unlike traditional die-cutting methods, which require custom-made dies, digital machines use computerized control (CNC) and blade technology to cut designs directly from digital files.



KEY FEATURES

Small Batch Production: Ideal for quick, high-quality samples and small runs, perfect for prototyping or limited edition packaging.

Multi-Material Capability: Effortlessly cuts through corrugated board, cardboard, foam, PVC board, plastic, stickers, gaskets etc..

Precision Cutting: Ensures accurate and clean cuts, providing a superior finish for packaging and display items.

No Conventional Die Needed: Streamlines the die-cutting process by removing the need for conventional dies with almost no setup time.



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HIGH-END SERVO MOTOR

The motor provided by Mitsubishi of Japan not only improves the performance of the equipment (more than 30%) but also improves safety, ensuring more accurate cutting accuracy, faster-running speed, and more stability



CCD VISUAL POSITIONING SYSTEM

Automatic positioning and precise cutting for various materials with high accuracy



Imported bearings and synchronous belt



The double group head machine

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90°DOUBLE LINEAR GUIDE RAIL DESIGN

Silent guide rail High-speed
operation and low noise

STANDARD TOOLING

High speed oscillating tool

Cut through materials through the principle of high-frequency vibration.

Cutting materials: PVC board/ KTboard/medium and low density materials.



Universal cutting tool

Suitable for cutting thin PVC below 5mm, all kinds of paper cards, light box cloth and other flexible roll materials with full transparency.

Cutting materials: light box cloth/PP paper/photo/cardboard



Kiss-cut Tool

By adjusting the depth of the blade tip, only the upper half of the material can be cut through.

Cutting materials: stickers/ car stickers/reflective materials



Creasing Tool

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

Cutting materials: Cardboard/ PET board/Corrugated board/ Honeycomb board



Flexible V-cut tool

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

Cutting Materials: PVC board / Corrugated board / honeycomb board / other material



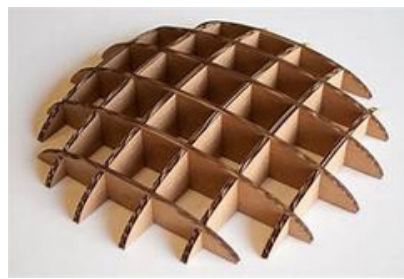
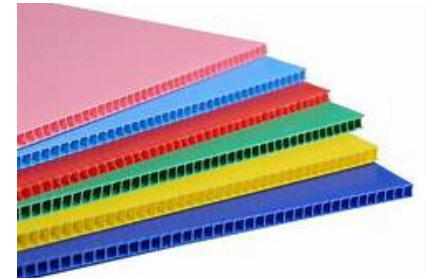
Foam Cut Tool

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.

Cutting materials: EVA/Foam/ EPE/cardboard



ONE STOP SOLUTION FOR VERSATILE APPLICATIONS



TECHNICAL SPECIFICATIONS

Model	BBG-1310	BBG-1815	BBG-2516
Effective working range	1300*1000mm	1800*1500mm	2500*1600mm
Overall size	2700*1800*1350mm	3200*2300*1350mm	3900*2400*1350mm
Cutting materials	All kinds of corrugated cardboard, plastic corrugated board, yellow thick cardboard, red cardboard, white cardboard, gray cardboard, PVC board, foam board, EVA board, KT board, stickers, gaskets, etc.		
Working Characteristics	Can be connected to any CAD software, computer-aided design, and cutting at the same time		
Standard tools	Oscillating tool, creasing wheel, pen, cursor		
Optional tools	Universal cutting tool, kiss cut, foam cut tool		
Cutting thickness	Upto 50MM (according to different cutting materials)		
Speed	1000mm/s		
Fixing method	Vacuum suction		
Repeat accuracy	≤0.01mm		
Software resolution	0.025、 0.01、 0.1		
Interface	Standard network port		
Buffer memory	1G, fast transmission for multi page large file		
Command mode	HP-GL/GP-GL		
Compatible software format	AI, AutoCAD, coralDRAW etc.		
Control panel	7-inch color touch screen		
Driving system	Imported servo motor drive, straight guide		
Voltage / Power	AC380V±10%, 50HZ		
Fuse	6A / 30A		

PRODUCT ADVANTAGES

- The double-group head can be easily replaced and added according to work needs.
- The self-developed control system runs faster and more stably. It meets user needs with excellent cutting speed and greatly reduces the product's failure and maintenance rates. It can adapt to 24-hour uninterrupted operation for 7 days, truly realizing unattended operation.
- Integrated zoned suction automatically activates the suction function in the working area, disables it in the non-working area, and achieves maximum suction efficiency with minimal electricity consumption.
- The L-shaped double linear guide design ensures more stable transmission and higher cutting accuracy.
- High-definition CCD positioning camera, automatic and accurate edge cutting for different materials. Solve the problems of manual cutting, printer printing deformation and poor cutting effect.
- The high-definition CCD positioning camera enables automatic and precise edge-cutting for different materials.
- Intelligent layered adsorption makes paging simpler and achieves zero error in single paper feeding.
- One-click QR code recognition allows for the mixed cutting of multiple papers.
- The automatic knife-setting function eliminates manual intervention and precisely controls the knife depth.

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