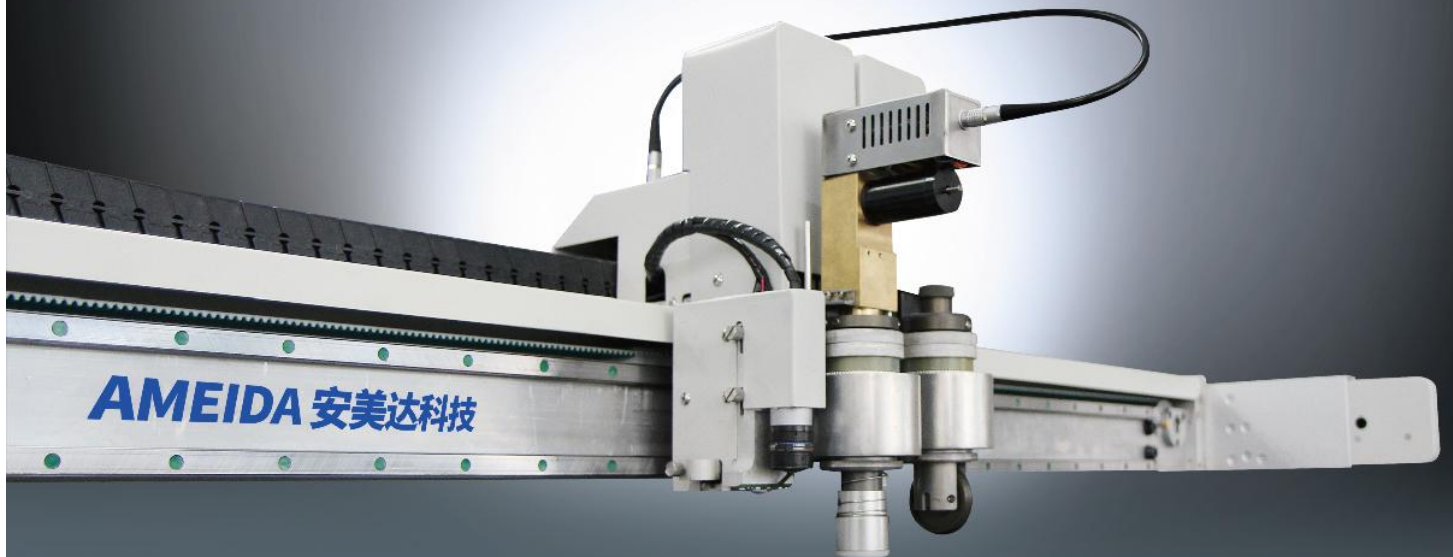
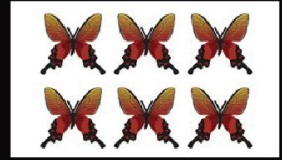




# **AMD-B2**

## **HIGH SPEED DIGITAL CUTTING MACHINE**





Professional design software to identify the outline of cutting contour automatically, and the auto nesting system, save your time to design cutting files.



Intelligent cutter tools combination, which considerably increases production efficiency



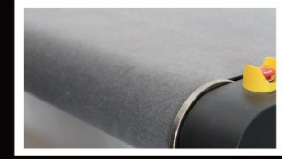
Intelligent camera positioning system



Intelligent safety device, ensure the safety of operating personnel.



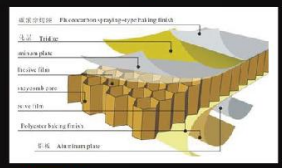
Intelligent systems and control continuous cutting highly improve working efficiency



Customized cutting size is acceptable



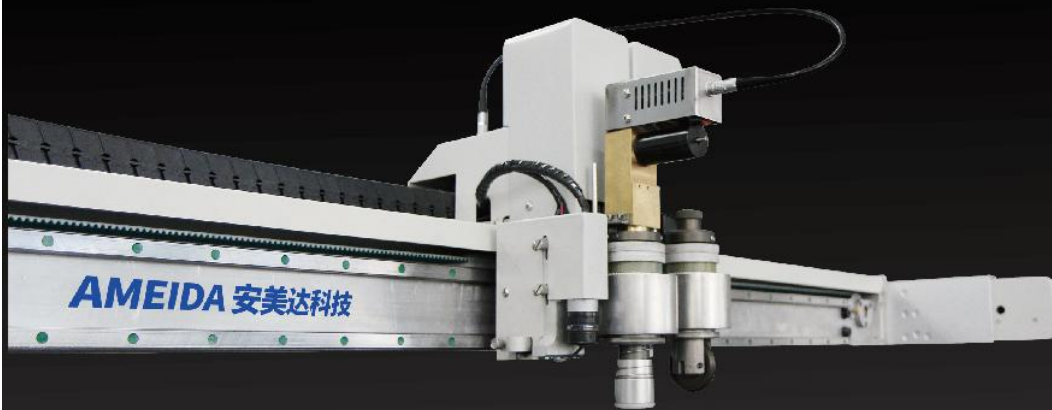
AMEIDA 安美达科技



Honeycomb board of aluminum is used as the machine bed. The surface on honeycomb board of aluminum is made of aluminum alloy spraying fluorine charcoal. The center is the core of honeycomb board meeting with the international standard of aviation material.

Your first choice in digital cutting system!

# AMD-B2 | Digital cutting machine



## Technical Parameters

Model No.	B2-1013S/C	B2-1815S/C	B2-2516S/C	B2-2518S/C	B2-3020S/C
Active cutting area(L*W)	1000*1300mm	1800*1500mm	2500*1600mm	2500*1800mm	3000*2000mm
Customized length/width	Customizable				
Safe device	Infrared sensor, responsive, safe and reliable				
Tools	Oscillating knife, half-cut, milling cutter, punching tool, crease cutter, camera, cursor positioning, pen				
Cutting thickness	≤50mm(Depends on different materials)				
Max. cutting speed	Up to 1200mm/s(Depends on different materials)				
Working accuracy	±0.05mm				
Repeated accuracy	±0.05mm				
Fixing method	Vacuum suction				
Interface	Ethernet port				
Driving system	Intelligent digital control servo system				
Command	HPGL compatible format				
Numerical control panel	Multi-language LCD Touch screen				
Suction power	3KW-12KW ( Depends on different machine models )				
Power supply	AC 220V/380V 50HZ-60HZ				
Working environment	Temperature -10-40 °C, Humidity 20%-80% RH				



## Furniture

B2 cutting system to different cutting requirements in household furniture industry, and satisfy the customer personalization, we offer a perfect solution, cutting products include fabric sofa, leather sofa, leather seats sets and other flexible material.



## Advertising/Corrugated carton & color box

B2 cutting system to provide a complete solution for the advertising industry, applicable to the cardboard, KT board, sticker, corrugated paper, honeycomb panel and other materials of the proofing and small batch production, and high speed milling cutter can be configured for hard materials like acrylic, aluminous model board for processing.



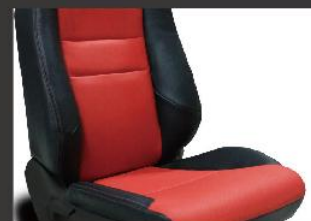
## Composites

B2 cutting system to replace the composite products produced in the process of manual drawing, manual cutting and so on the traditional process, especially for complex samples, such as abnormality, irregular pattern, greatly improving the production efficiency and cutting accuracy.



## Automotive

B2 cutting system for automotive interior industry different cutting requirements, different cutting materials cover type cutting integration solution was put forward, surrounded by cutting products include the whole floor MATS, surrounded by large MATS, wire ring flexible fabric MATS, car seat cover, etc.





## Textile & Apparel

B2 cutting system for brand clothing, haute couture clothing, put forward the perfect solution.



## Leather shoes & Bags

B2 cutting system for brand Leather shoes and bags, put forward the perfect solution.



## Gasket

B2 cutting system to replace traditional die cutter, cutting asbestos gasket, rubber gasket, ptfе gasket, etc.



## Sporting Goods

B2 cutting system effectively solves the nonmetallic cutting application of sporting goods materials, such as skis, golf clubs, hockey stick, fishing rod, etc., in order to guarantee high quality sports goods manufacturing provide reliable processing scheme.







**AMD-EOT** The EOT is ideally suited for cutting softer, medium-density materials. The high oscillating frequency makes it possible to cut at high processing speeds for greater throughput. To accommodate different substrates and levels of detail, Ameida offers a wide range of both flat and pointed oscillating blades.



**AMD-DRT** The Driven Rotary Tool is designed for cutting all manner of textiles reliably and economically. The tool uses a motor-driven decagonal blade to cut through the materials, which considerably reduces the drag force and helps cleanly sever each fiber or thread. This processing method produces clean, precise cuts even on very loose, coarsely woven materials. The RPM of this tool are adjustable for different applications, which is essential for cutting materials with low melting points.



**AMD-VCUT** The V-Cut Tool is the perfect tool for producing complex structural designs from foamcore or sandwich board materials. The well thought-out design of this tool makes for quick tool changes and easy, precise setting of the various cutting angles. The tool can be set for cutting at different angles.



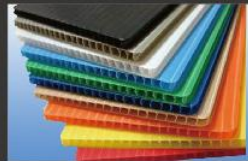
**AMD-UCT** The Universal Cutting Tool is perfect for through-cutting materials with thicknesses up to approx. 5 mm/3/16 ". The use of drag knives allows for maximum processing speeds, and compared to motor-driven tools, the UCT is very inexpensive to purchase and maintain. A spring-loaded glide shoe permits cutting very fine details. Optionally, a fixed glide shoe can be used for cutting at set depths.



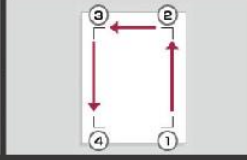
**AMD-KCT** For vinyl-cutting applications and especially kiss-cutting, perfect accuracy in the cutting depth is essential. The variable pressure of the Kiss-Cut Tool permits precise cutting of foils without damaging the liner material. Besides commonly used vinyl and other films up to 3mm (1/8 ") thick, this tool can also be used for cutting thin paper and card stock. A fixed glide shoe comes with the tool and is used for through-cutting cardboard and Diamond Grade vinyl.



**AMD-CTT** The CTT is perfect for processing single-wall corrugated cardboard. The tool produces high-quality creases both with and against the corrugation without tearing or cracking the top layer. The crease wheels simply snap into the holder, making them very easy to insert and replace.



**AMD-CCD** Through the identification of cameras, as well as the positioning of the function of the CCD, and auxiliary cutting machine. Perfect meet customer requirements. Production of high quality products.



**AMD-RZ** At the heart of the RZ is a 300 W router spindle which operates at up to 60,000 rpm, depending on material and application. In combination with the 3 mm bits Ameida offers, this routing/engraving tool delivers solid performance in a wide range of applications. Aside from processing softer materials, the tool can also process more challenging substrates in multiple passes. In a few quick steps, the RZ can be converted from routing to engraving. In Engraving mode, the height of the tool relative to the material surface can be precisely adjusted with a micrometer screw. This ensures precision engraving, with consistent line widths and depths. The airflow from the dust-extraction effectively cools both the router bit and the spindle, which significantly increases their longevity.





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