

iBCUT-3220R

High-End Cutting Machine For Advertising Media

The iBCut-3220R is a high-end digital cutting system engineered for maximum versatility and superior performance. In addition to its dual-tool head module, it comes equipped with a powerful milling tool, enabling it to handle an extensive range of materials with ease - including coated paper, art paper, cardboard, corrugated board, kraft paper, PVC film/sheet, PET film, vinyl, PP sheet, backlit fabric, canvas, foam board, and self-adhesive vinyl - with exceptional precision and consistency.

The iBCut-3220R is purpose-built as an all-in-one solution for the advertising and display industry, capable of handling complex contour cutting, slotting, V-cutting, and milling operations. Its intelligent path optimization, CCD camera positioning, and automatic feeding system ensure fast, accurate, and continuous production, dramatically improving workflow efficiency.

Thanks to its modular design and customizable configuration, the iBCut-3220R adapts easily to different production needs - from advertising signage and exhibition displays to packaging samples and decorative panels.

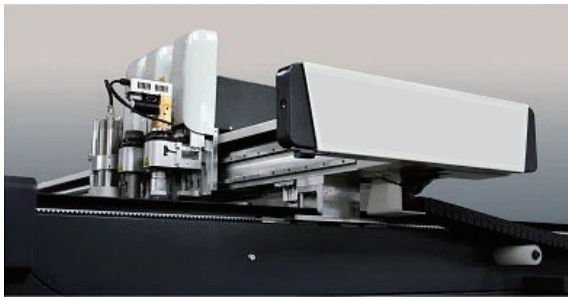
iBCut-3220R is the best option for companies looking to achieve high precision, superior quality, and increased productivity with the perfect balance of technology, power, and reliability.



Upright Silencer
Significantly reduce
production noise

SPECIFICATION

Machine Model	iBCut-3220	Repetition Accuracy	≤0.01mm
Cutting Area	3200mm x 2000mm	Supported Formats	PLT, DXF, AI, PDF, NC, etc..
Overall Dimensions	4110mm x 3150mm x 1450mm	Fixation Method	Vacuum Absorption
MAchine Power	20Kw	Interface	Touch Screen
Cutting Speed	up to 2000mm/s	Power Supply	380Vac/50Hz
Cutting Thickness	Up to 50mm	Working Environment	Temperature: 0-35°C, Humidity: 35% - 80%



Multi Tool Head Module

Capable of meeting various cutting needs, significantly improving production efficiency. Up to Triple head module.



Infrared Sensing System

Infrared-sensing anti-collision safety system that automatically detects the distance of the beam to prevent collisions with operator and ensure personal safety.



Easy To Replace Tool system

The tool system is designed for quick and convenient replacement, allowing users to switch between different tools efficiently to meet diverse cutting needs. Automatic tool changer - optional.



Sturdy and Durable Body

The gantry milling integrated frame is exceptionally solid, and during high speed operation, the machine's vibration amplitude is nearly zero, ensuring every cut is as precise as a surgical operation.



High Power Vacuum Pump

Using a high-flow, high power vacuum pump, it generates strong and stable negative pressure during cutting, ensuring the material is firmly secured to the work table and effectively preventing displacement or warping.

Multi-function tool selection



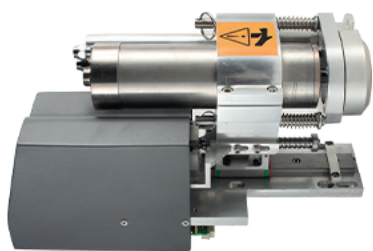
High speed vibration knife through the principle of high frequency vibration to cut through the material, more suitable for 5mm PVC, KT board, and medium density cutting materials, you can choose to install 45°, 26°, 16° and other different Angle cutting



Indentation tool is through the indentation wheel, for corrugated paper and honeycomb board crease processing. It can be processed according to different thickness of materials.



The half-knife tool can automatically adjust the depth of the knife tip to cut through the upper half of the material without damaging the lower half of the material. It is mainly used for cutting with labels, stickers and other materials.



The milling tool is a high-speed water-cooled motor that rotates at high speed to mill and cut highly hard materials. It can be used for cutting hard materials such as acrylic, aluminum-plastic panels, and density boards with a thickness of less than 20mm



The V-CUT tool is used to cut moderately hard PVC, corrugated paper, and honeycomb board with different Angle grooves and creases. You can adjust the groove line of different angles according to your different needs. For example, 0°, 15°, 22.5°, 30°, and 45°.



The round knife tool is an imported motor that cuts materials by rotating the blade at high speed. Can cut such as: flag cloth, non-woven fabric and other flexible materials.

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