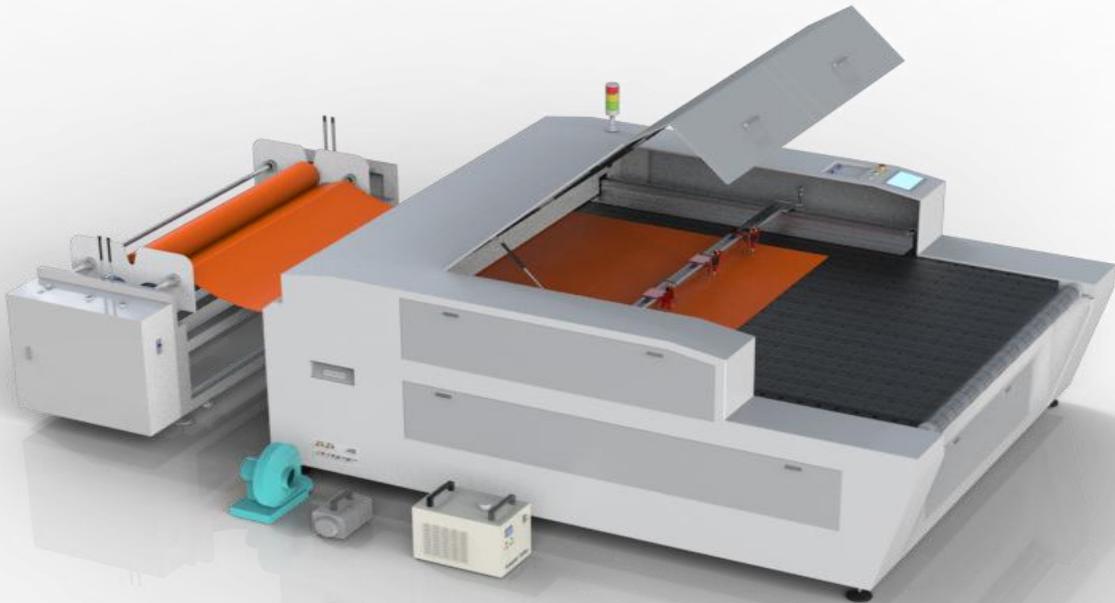




Advantages of Flatbed Laser Cutter

A Giant Leap in Productivity

- ✓ Flexible and fast MimoWork laser cutting technology helps your products quickly respond to market needs
- ✓ Mark pen makes labor-saving process and efficient cutting & marking operations possible
- ✓ Upgraded cutting stability and safety - improved by adding the vacuum suction function
- ✓ Automatic feeding allows unattended operation which saves your labor cost, lower rejection rate (optional)
- ✓ Advanced mechanical structure allows laser options and customized working table



To make manufacturing 'Simple and Easy'



Easy to Operate

Machine operation is very easy and intelligent. One worker can master the operation easily, no needs for professional technicians. Contour Laser Cutter Series helps you get rid of the trouble of recruiting and labor retaining.



Flexible Production

Flexible processing each order with excellent intelligent cutting system, integrated with high speed, reliable performance and qualified features. It can meet customers' demands of personalized orders to produce standard unified products.



High Efficiency

The software will make optimized cutting path for improving the cutting efficiency of regular and irregular patterns.



Timely Production

Efficient cutting laser tool, automatic feeding system can realize automatic production for fast response to orders.



Small Space Requirement

MimoWork's Flatbed Laser Cutter Series requires a not that large space. On the premise of ensuring the performance and stability of the machine, we minimize the footprint of the machine to the greatest extent.

MimoWork

Flatbed Laser Cutter

**Easy Operation
Automatic
Roll Cutting**



Model	Flatbed Laser Cutter 160	Flatbed Laser Cutter 180
Laser Power	100W/150W/300W/450W/600W	
Power Supply	110V or 220V(±10%)/Single Phase/50-60HZ	
Option	Multiple laser heads/Nesting software/CCD camera	
Laser Source	Glass Laser Tube/RF Metal Laser Tube	
Cutting Table Size(W*L)	1600mm*1000mm/62.99"*39.37"	1800mm*1000mm/70.86"*39.37"
Mechanical Control System	Belt Transmission & Hybrid Servo Motor Drive	
Working Table	Mild steel conveyor working table / honeycomb working table	
Max Speed	1~500mm/s (Depending on material)	
Acceleration Speed	1000~4000mm/s ²	
Cutting Precision	0.15mm	
Cooling System	Industrial Water Chiller	
Available Materials	Fabric, Leather, Paper, Film, Foam, Wood Acrylic, Abs, and other Non-metal Materials	

** Can be upgraded with optional configurations*

MimoWork

Large Format Flatbed Laser Cutter

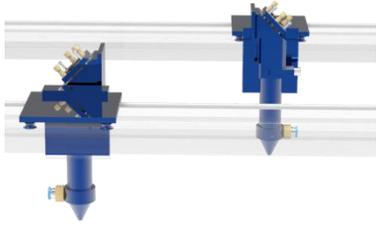
Easy Operation
Automatic
Roll Cutting



Model	Flatbed Laser Cutter 160L	Flatbed Laser Cutter 180L
Laser Power	100W/150W/300W/450W/600W	
Power Supply	220V/Single Phase/50HZor60HZ	
Option	Multi Laser heads/CCD camera/ Marking System	
Laser Source	CO2 Glass Laser Tube or CO2 RF Metal Laser Tube	
Cutting Table Size	1600mm*3000mm/62.99"*118.11"	1800mm*3000mm/70.87"*118.11"
Mechanical Control System	Rack & Pinion Transmission/Servo Motor/Linear Guide	
Working Table	Mild Steel Conveyor Working Table	
Max Speed	1~600mm/s (Depending on material)	
Acceleration Speed	1000~6000mm/s ²	
Cutting Precision	0.1mm	
Cooling System	Industrial Water Chiller	
Available Application	Textile, Fabric, Foam, Composite Materials, Fleece, Mesh, Insulation Materials, etc.	

* Can be upgraded with options

Options



Independent Dual Laser Head

Two laser heads work independently and cut graphics simultaneously in different cutting paths. With independent laser head, the productivity can be increased from 50% than single laser head.



Synchronous 2 Laser Heads/4 Laser Heads

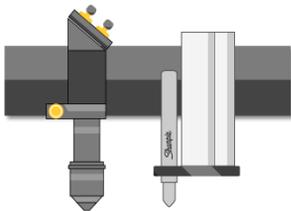
Two laser heads/ four laser heads work together on one gantry for cutting the same patterns

With synchronous 2 heads or 4 heads, the productivity can be increased 2 times or 4 times than single laser head.



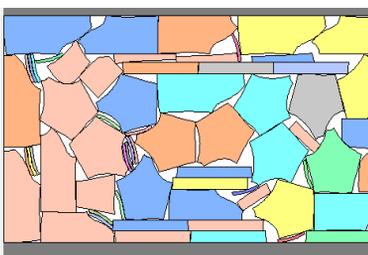
CCD Camera

CCD camera is equipped beside the laser head to search for workpiece using registration marks at the start of the cutting procedure. Through this way, printed or woven fiducial can be visually scanned so that laser can know where the actual position and dimension of the work pieces are, achieving a precise cutting effect.



Marking System

For most manufacturers, especially for processing technical textiles, pieces need to be sewn right after the cutting process. Thanks to the Marker Pen, you can make marks such as the serial number of the product, the size of the product, the manufacture date of the product, etc. to increase overall efficiency. You can choose different colors as per your needs.



Nesting Software

MimoNEST software helps fabricators to minimize the cost of materials and improves the utilization rate of materials by using advanced algorithms that analyze the variance of parts. In simple terms, it can place the laser cutting files on the material perfectly. It can be applied for cutting a wide range of materials as reasonable layouts.

**For more information,
contact us today !**



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