

# MiCax

## 玛迪克斯

### CNC Router Description

*We are committed to providing the most cost-effective and one-stop CNC machining solution!*



# MXL Series (Gantry moving)



## Main Parameters

Item	Parameter			
Machine Model	MXL4020	MXL6020	MXL8020	CUSTOM
工作台面长度 Table/Length	4000mm	6000mm	8000mm	TBD
工作台面宽度 Table/Width	2000mm	2000mm	2000mm	TBD
横梁到台面距离 Distance from gantry to table	190mm			
立柱间距离 Distance between column	2254mm			
主轴鼻端到台面最小距离 (~min) Min. Distance from Spindle nose end to table	10mm			
主轴鼻端到台面最大距离 (~max) Max. Distance from Spindle nose end to table	350mm			
最大空移速度 Max Rapid Traverse Speed	X/Y轴/Axis: 42m/min		Z轴/Axis: 15m/min	
最大切削速度 Max Cutting Speed	20 m/min			
重复定位精度 Repeatability	±0.05mm			
刀库 Tool position	12刀位旋转式刀库/12 positions RTC			

## MXL Series Description

### MXL Series CNC Router – A Great Fit for Value Buyers Who Want High Performance

With the MXL Series CNC router, you get a number of features standard with the machine that you normally only get when you buy much more expensive CNC routers. It's all because of MiCax's unique manufacturing processes that keep high quality affordable. The MXL Series, features a heavy, all-steel tube frame that ensures durability. It also makes your CNC machine more rigid, which reduces vibration and improves routing quality. A three-axis motion control system gives you tight control over routing quality for precision and cutting quality your customers will love.

Optional with the MXL Series CNC Router are an automatic tool changer to make changes in cutting parts fast, spindle ranging from 11KW-20KW, a coolant mist system for cutting non-iron metals, and several others.

With the MXL Series CNC Router, you can cut a variety of materials, including aluminum, plastic and composite materials. While it can work for a wide variety of applications, the most common are for special vehicle, aero space and marine part fabrication.

Finally, the MXL Series CNC Router comes with MiCax's reputation for amazing customer service and great product quality. With locations across the globe, we're always nearby when you need help.

Learn more about the MXL Series CNC Router and if it's the right fit for your needs when you call our sales team at 8621-57632029



# Applications

## Material can be processed:

Milling, drilling and grooving of **aluminium and non-metals** (engineering plastics, composites, insulation materials)

## Industry of application.

**Aluminium:** aerospace, rail vehicles, boats and yachts, special vehicles (aluminium tank truck)

**Engineering plastics:** Photovoltaic equipment , semiconductor equipment, PCB equipment, anti-corrosion / water treatment equipment, medical equipment, food machinery, etc.

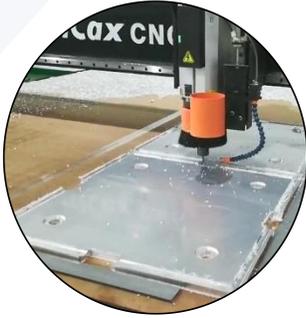
**Composite materials:** aerospace, buses, caravans, square cabins, etc.

**Insulation materials:** laminated cardboard, laminated wood for special transformers, insulation material parts, epoxy glass fiber sheets.



# Application Industry

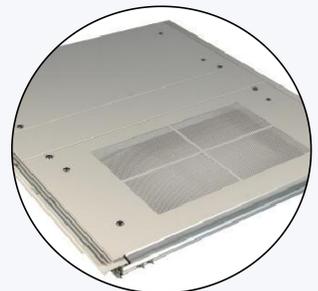
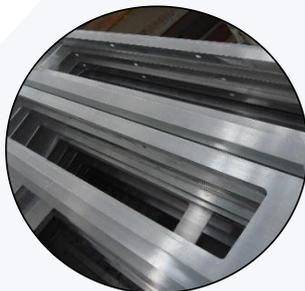
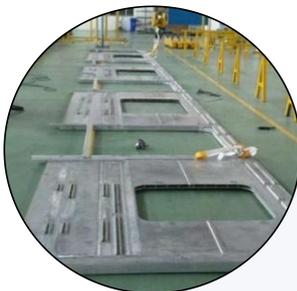
## Fabrication



## Aerospace Yachts and Ships



## Rail Vehicle

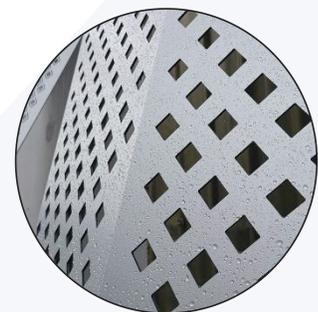


# Application Industry

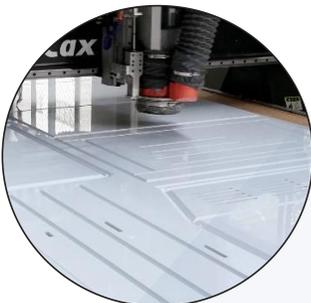
## Special Vehicle



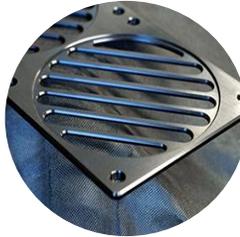
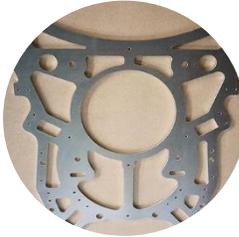
## Aluminum Curtain Wall



## Engineering Plastic



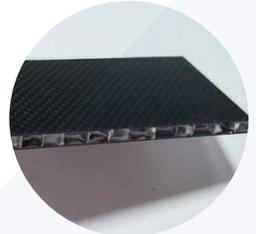
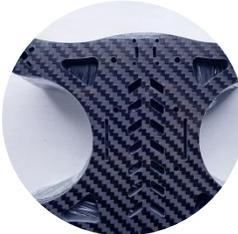
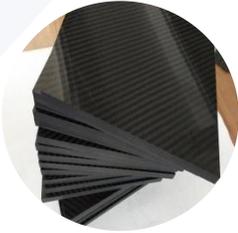
## Aluminum Parts



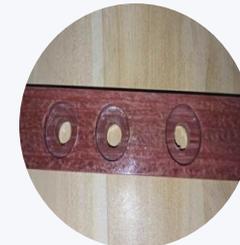
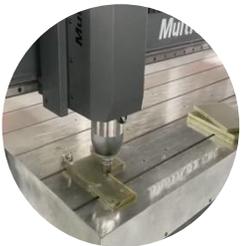
## Engineering Plastic Parts



### Carbon Fibre



### Insulating Material



# **MiCax**

## 玛迪克斯

**CNC Machining Solutions  
for Aluminum Plastic Composite & Insulating Material**

Shanghai MiCax CNC Equipment Company LTD

[www.micaxcnc.com](http://www.micaxcnc.com)