

# Non-metal Plate Gantry Rack Laser Cutting Machine

## M 1 3 2 5 全齿条双驱激光切割机



High Precision, High Cost Performance and Wide Application Range

精度高、性价比高、应用范围广

130W/150W/300W/500W non-metal CO2 laser precision cutting solution

130/150W/300W/500W非金属CO2激光精密切割解决方案

### Processing industry and materials 行业和材料

Acrylic, plexiglass, advertising signs, craft gifts, crystal jewelry, paper cutting technology, bamboo carving technology. Printing plate making, garment leather, embroidery, decoration, photo frame making and other industries.

亚克力、有机玻璃、广告牌、工艺礼品、水晶首饰、剪纸工艺、竹雕工艺。印刷制版、服装皮革、刺绣、装饰、相框制作等行业。

### Advantage 优势

#### • 1. Machine bed 床身

Square tube welded bed. In the industry. After heat aging and gantry milling treatment, it does not deform for 30 years, and has good stable vibration absorption performance. The high-speed cutting of machine tool can reduce the resonance of machine tools, and the cutting precision is higher.

方管焊接床身。在行业中。经过热时效和龙门铣处理，长久不易变形，具有良好的稳定吸振性能。机床高速切削，减少机床共振，切割精度更高。

#### • Transmission structure 传动结构

The X-axis and Y-axis are driven by racks. Changing the traditional belt operation, the advantages are not easy to deform, the optical path is not easy to deviate from, and the overall operation is stable. The X-axis adopts double guide rails to run stably and ensure precision.

X轴、Y轴均由齿条驱动。改变传统皮带运行，优点不易变形，光路不易偏离，整体运行稳定。X轴采用双导轨，运行平稳，保证精度。

#### • Reducer structure 减速机结构

Motor Accelerator Structure, it is to reduce the output speed and inertia of the drive motor, while increasing the torque and load capacity, so as to achieve the ideal transmission effect.

电机加减速器结构，是为了降低驱动电机的输出转速和惯量，同时增大扭矩和负载能力，从而达到理想的传动效果。

## Detail display 细节展示



## Technical Parameters 技术参数

Model 型号	M1325
Laser Power 激光功率	130W、150W、300W、500W
Working Area 工作区域	1300mm×2500mm
Laser Type 激光类型	CO2 sealed-off layers of glass tube (CO2封离式玻璃管激光器)
Control and Drive 控制与区域	stepper motor and high subdivision driver (步进电机与高细分驱动器)
Kvw 工作电压	AC220V 50Hz
Positioning Accuracy 加工精度	0.05mm
Total Power总功率	≤4500W
Machine Size(mm) 机器尺寸(mm)	3547×2053×1135

## Optional 选配

Honeycomb table , CCD