

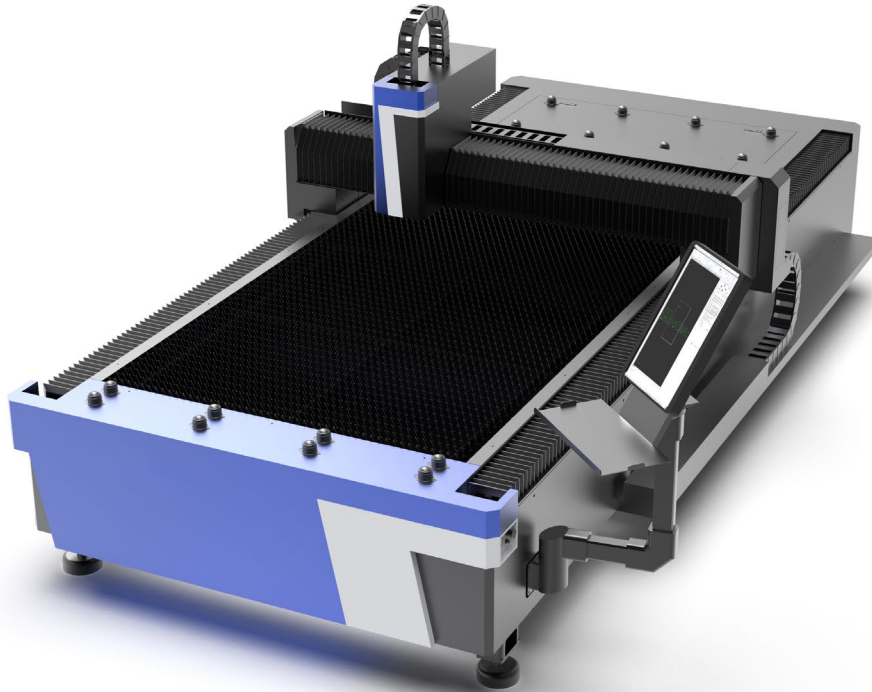
Dual Laser Cutting Machine

Fiber & CO2



OVERVIEW

Our Dual Laser Cutting Machine combines both CO2 and fiber laser technologies in a single, versatile platform—allowing you to cut a wide range of metal and non-metal materials with precision and efficiency. The integrated CO2 laser is ideal for non-metals such as wood, acrylic, leather, and plastics, while the fiber laser effortlessly handles metals including stainless steel, carbon steel, and aluminium.



Precision Cutting

Advanced laser technology achieves exceptional accuracy, delivering clean, intricate cuts.



Versatile Material Compatibility

Capable of cutting a wide range of materials, including metals, plastics, and composites.



Durable Construction

Sturdy cutting bed and robust components designed for long-lasting, industrial-grade use.



User-Friendly Operation

Equipped with an intuitive CNC control system, simplifying complex processes.



Energy-Efficient Cooling

High-efficiency water chillers ensure optimal performance while reducing energy use.



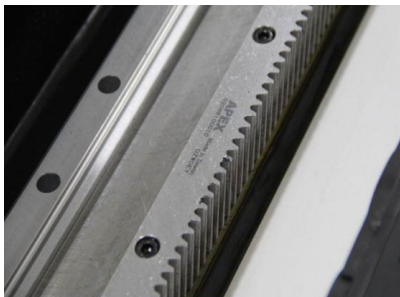
Enhanced Motion Control

Precision servo motors and high-performance reducers deliver smooth, stable motion.

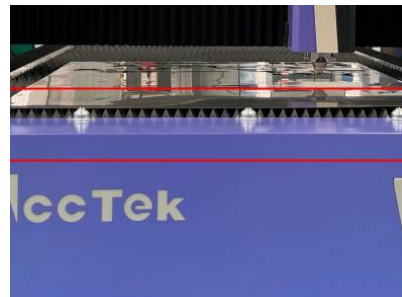
CONFIGURATION



High-Quality Laser Cutting Head



Rack and Pinion Transmission



Auxiliary Wheel



Delta Servo Motor & Drivers



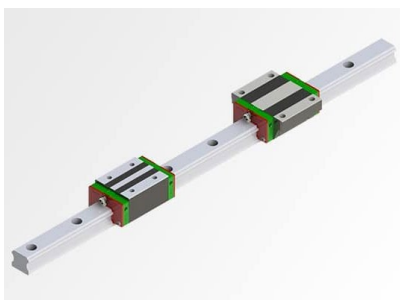
Industrial Water Chiller



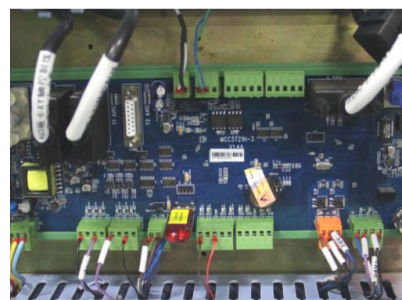
Remote Control Panel



Machine Cover (Optional)



Linear Guide Rail



Au3tech Control Board



On-board Computer



Raycus Laser Source



Recl CO2 Laser Tube

SPECIFICATIONS

Parameters	AKJ1530F-2
Working Area	1500 x 3000 mm
Control System	Controller with Auto Follow System
Laser Head	Raytools Laser Cutting Head + CO2 Laser Head
Guide Rail	HIWIN Linear Guide Rail 25 mm
Transmission	Rack and Pinion
Electronic Components	Schneider
Motor	Delta 750W Servo Motor
Max Cutting Speed	40 m/min
X Axis Max Speed	65 m/min
Y Axis Max Speed	70 m/min
Z Axis Max Speed	30 m/min
X Axis Max Acceleration	1 G
Y Axis Max Acceleration	1 G
Cooling Method	Water Cooling
Min Line Width	0.1 mm
Power Requirements	220V, 50/60Hz, 1 phase
Continuous Working Time	24 Hours
Laser Generator	2000W Raycus Fiber Laser Generator
CO2 Laser	300W Reci CO2 Tube

MARKING & ENGRAVING SAMPLES

CARBON STEEL



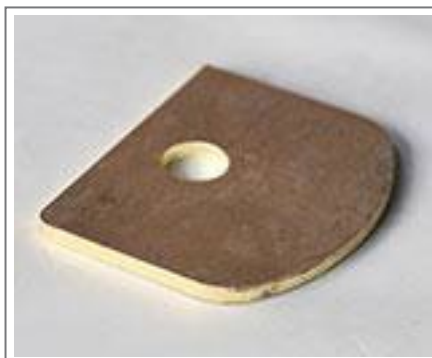
ALUMINIUM



COPPER



BRASS



STAINLESS STEEL



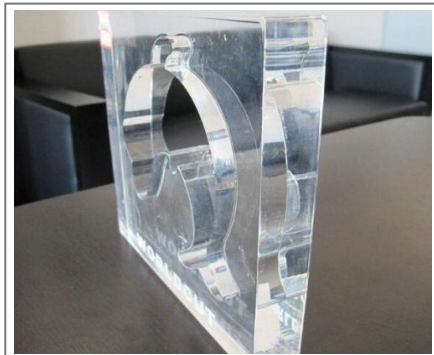
WOOD



LEATHER



ACRYLIC



PAPER



CLOTH

