

500W CNC YAG Laser Cutting Machine for Sheet Metal

This YAG metal laser cutting machine has a 500W laser. It can cut metal up to 6mm thick within a 500mmx500mm area at a maximum speed of 8m/min.



Overview

Precision Metal Cutting Solution

The HECY0505-500 is a high-precision CNC laser cutting machine designed for small-format metal processing. Utilizing a fixed gantry structure and advanced laser light output, it ensures consistent cutting performance across various metal types. This machine is engineered for reliability, supporting continuous 24-hour operation for demanding production environments.

Performance Metrics

Key Performance Indicators

500 W

Laser Power

8 m/min

Max Cutting Speed

6 mm

Max Cutting Depth

24 hours

Continuous Runtime

Technical Specifications

Detailed Technical Data

Feature	Specification
Laser Medium	Nd: YAG
Laser Wavelength	1064nm
Cutting Area	500mm x 500mm
Pulse Frequency	0-500HZ
Min Line Width	0.12mm

Power and Cooling

380V / 50HZ / 50A, Water cooling system

Physical Attributes

Dimensions and Weight

1950mm x 1200mm x 1600mm, 500 kg

Applications

Compatible Materials

- Stainless Steel
- Alloy Steel
- Copper
- Titanium

Suitable Industries

Metal Products, Hardware, Precision Machinery, Auto Parts, Jewelry, Advertising, Electronics