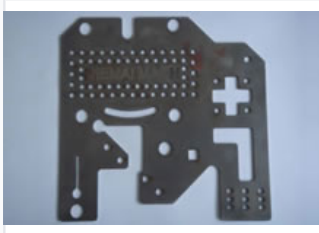


# 500W CNC YAG Laser Metal Cutting Machine

This CNC YAG laser cutting machine is designed for precise cutting of metal and steel. It features a CNC control system and a high-power YAG laser source for efficient and accurate cutting.



## ADDITIONAL IMAGES



## Overview

### High-Performance Laser Cutting Solution

This 500W CNC YAG laser cutting machine integrates advanced optical, mechanical, and electrical systems to provide a robust solution for metal fabrication. Designed for efficiency and precision, it handles a wide range of materials including stainless steel, carbon steel, aluminum, and copper. With features like auto-focus, gantry-style construction, and a large working area, it is an ideal choice for industries ranging from electrical cabinet production to intricate metal crafts.

## Technical Specifications

### Pulse Repetition Frequency

**500 Hz**

Max Frequency

Laser Medium

Nd: YAG

Wavelength

1064 nm

## Performance

|                   |                 |
|-------------------|-----------------|
| Cutting Area      | 2500mm x 1250mm |
| Max Cutting Speed | 8 m/min         |
| Cutting Depth     | 0.2 - 6mm       |
| Min Line Width    | 0.12 mm         |

## Machine Details

|                    |                       |
|--------------------|-----------------------|
| Power Supply       | 380V/50Hz/50A         |
| Cooling Method     | Water cooling         |
| Machine Weight     | 2400 kg               |
| Outline Dimensions | 3770 x 2280 x 1400 mm |

## Materials & Applications

### Common Industries

Sheet-metal structure • Electrical cabinets • Hardware • Advertising signs • Metal crafts • Aviation

### Compatible Materials

Stainless Steel, Carbon Steel, Alloy Steel, Spring Steel, Aluminum, Silver, Copper, Titanium