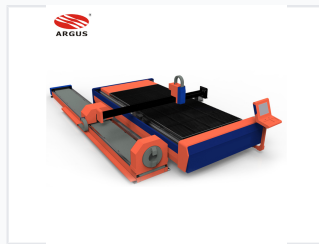


# Fiber Laser Cutter for Metal Sheets and Tubes

This fiber laser cutter is designed for cutting both metal sheets and tubes. It is capable of processing various materials, including steel, aluminum, and stainless steel, with high speed and accuracy.



## ADDITIONAL IMAGES



## Overview

### High-Performance Fiber Laser Cutting System

This gantry-style fiber laser cutting machine is engineered for precision processing of metal sheets and tubes. Featuring a dual-side driven structure and robust steel frame, it ensures high dynamic performance, reliability, and efficient cutting across a wide range of materials including stainless steel, aluminum, and copper. The system integrates advanced optical lens technology and dual-pressure gas control to deliver smooth, accurate results for industrial applications.

## Performance Metrics

### Key Performance Indicators

**60 m/min**

Max Positioning Speed

**0.05 mm/mm**

Positioning Accuracy

**0.03 mm/mm**

Repeatability

## Technical Specifications

### Laser Power Options

- 500W
- 800W
- 1000W
- 2000W (Standard)
- Up to 3000W (Optional)

Laser Source Type	IPG Fiber, Coherent Fiber, Raycus Fiber
Motion Range (X, Y)	3000 x 1500 mm
Control System	Cypcut, Smart Nest
Supported File Formats	PLT, DXF, BMP, AI, DST, DWG

## Component Breakdown

### Key Hardware Components

Component	Brand/Origin
Motor (X, Y, Z)	YASKAWA
Linear Guide Rail	HIWIN
Reducer	APEX
Laser Head	AU3TECH
Water Chiller	HANLI

## Features & Capabilities

### Gas Control System

High Pressure Air • Nitrogen • Oxygen

Safety Standard	Yes
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