

# Fiber Laser Cutting Machine

This fiber laser cutting machine provides a high-precision cutting solution for industrial applications. It utilizes advanced fiber laser technology to deliver clean and accurate cuts on various materials, ensuring consistent cutting performance.



## ADDITIONAL IMAGES



## Overview

### High-Performance Fiber Laser Cutting

The ULFT Fiber Laser Cutting Machine is a versatile, high-precision industrial solution engineered for efficient processing of both metal sheets and pipes. It features a robust frame design with advanced CNC control, ensuring high positioning accuracy and stability during operation. Equipped with premium components like motorized focus cutting heads and high-speed servo motors, this machine optimizes productivity for diverse metal fabrication tasks.

## Technical Specifications



Dual-use design allows for high-efficiency cutting of both flat sheets and cylindrical pipes.

### Material Cutting Depth

Material	Max Thickness
Carbon Steel	20mm
Stainless/Galvanized/Silicon Steel	10mm

Positioning Accuracy	±0.03mm/1000mm
Maximum Moving Speed (X/Y)	120 m/min
Available Laser Power	500W, 1500W, 12,000W

## System Components



High-quality drive systems, linear guides, and modular laser head options for customized performance.

### Standard & Optional Equipment

- Linear Guides: HIWIN
- Gear Rack: YYC
- Servo Motor: Yaskawa/Delta
- Cooling: Integrated water chiller
- Automation: Automatic gear lubrication system
- Climate Control: Internal air conditioner

### Compatible Cutting Heads

Precitec • Raytools • WSX