

# CNC Fiber Laser Cutting Machine for Sheet Metal Fabrication

This CNC fiber laser cutting machine is designed for precision sheet metal fabrication. It offers energy-saving operation and is available in various power levels, including 500W, 700W, 1000W, 1500W, and 2kW.



## ADDITIONAL IMAGES



## Overview

### High-Performance CNC Fiber Laser Cutting

The GS-LFD3015 is a high-technology CNC fiber laser cutter integrated with precision mechanisms and digital control systems for professional sheet metal fabrication. It features a double-drive system and a high-power laser source designed for exceptional flexibility, stability, and speed. This machine is an ideal solution for cutting carbon steel, stainless steel, and aluminum alloys with high cost-effectiveness and efficiency.

## Key Features

### System Highlights

- Stable and reliable optical and control systems
- High-performance fiber laser with up to 100,000 hours service life
- Smooth and high-quality cutting surfaces
- Ultra-precision German-engineered reducer, gear, and rack
- Double exchange table to minimize loading and unloading time
- Full enclosure design to reduce laser radiation

## Technical Specifications

### Performance Metrics

**100000 Hours**  
Laser Service Life

<b>Model Number</b>	GS-LFDS3015
<b>Available Laser Power</b>	500W, 700W, 1000W, 1500W, 2000W

## Applications

### Target Industries

- Sheet metal processing
- Aviation and Aerospace
- Electronics and Electrical appliances
- Automotive and Subway accessories
- Precision parts manufacturing
- Elevators and Household appliances
- Advertising and Decoration

### Compatible Materials

Carbon Steel, Stainless Steel, Aluminum Alloy, Silicon Steel, Titanium, Galvanized Sheet, Copper

## Construction

### Mechanical Design

- Mobile gantry machine tool structure
- Double drive system
- Overall outer envelope for safety
- Automatic exchange table