CNC Sheet Metal Laser Cutter for Lighting Components

This CNC laser cutting machine is designed for producing sheet metal components used in lighting applications. It utilizes a duplex mode with alternating X1 and X2 axes to maximize laser utilization and cutting efficiency.

ADDITIONAL IMAGES

Product Overview

Precision cutting capability for complex lighting component designs.

Robust construction designed for stable, high-accuracy industrial production.

High-Efficiency Duplex Laser Cutting

This advanced CNC laser cutting system is engineered specifically for the lighting industry, featuring a high-efficiency duplex mode. The design utilizes alternating X1 and X2 axes, allowing operators to load and unload materials on one side while the laser processes the other. This configuration maximizes laser utilization and significantly enhances overall production throughput for intricate lighting components.

Technical Specifications

Laser Source Power Options

- 500W
- 700W
- 1000W

Machine Bed Model	GS-LFS1010

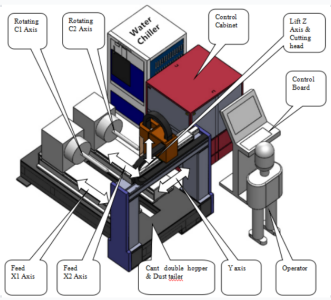
Key Features

Fiber Laser Benefits

High beam quality • Maintenance-free • Energy efficient • Long lifespan

Key Cutting Advantages	Low thermal deformation, High precision, Low noise, Pollution-free, Automated processing

System Components



Layout of the duplex cutting system showing X1/X2 feed axes and rotating C-axes.

Axis Configuration

Component	Function
X1 & X2 Axes	Alternating feed and cutting
Y-Axis	Longitudinal positioning
Z-Axis	Cutting head lift
C1 & C2 Axes	Rotating movement