

## Company Profile

SENFENG Laser Technology Co., Ltd., founded in 2004 as a globe-spanning metal forming manufacturer, has devoted itself to laser cutting, welding, bending, cleaning, cladding, flexible automation and new energy for years.

During production, all our machines have went through natural aging, heat treatment, shot blasting, powder coating, finish machining, quality inspection and many other professional treatments to keep them work for a long time.

### Oversea Service Center



SENFENG USA (Los Angeles)



SENFENG USA (Chicago)



SENFENG Germany



SENFENG UAE



SENFENG Pakistan



SENFENG Japan

### Domestic Service Center



Global Headquarters



Manufacturing Base (Qilhe)



Manufacturing Base (Lingang Road, Jinan)



SENFENG (Suzhou) New Energy



SENFENG (F.T.Z) Import & Export Company



SENFENG (Wuhan) Branch

### SENFENG LASER USA INC.

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Note: The pictures and parameters in the album are for reference only, and the actual product shall prevail. Printed in May 2025

# SENFENG

Provide Global Customers  
with Metal Forming  
Automation Solutions

## Cutting

Bending Welding  
Cladding Cleaning  
Automation New Energy

# 3015NP

## 1.5-12kW

### Protective-chamber Single-platform Sheet Laser Cutting Machine

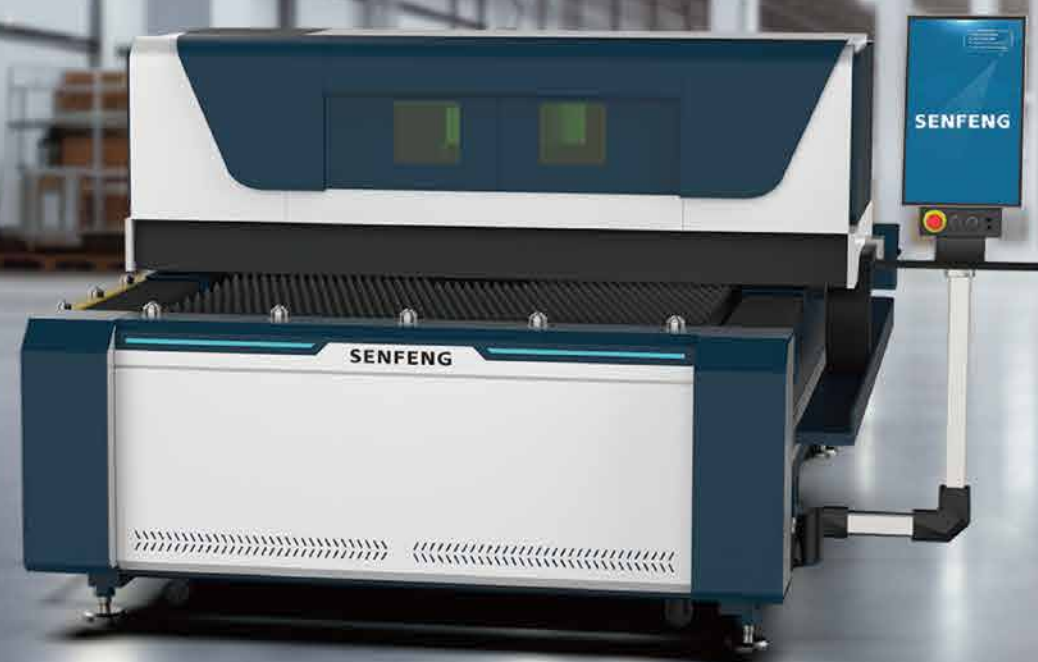
This compact-sized machine has recently added a protective chamber based on single platform. Besides small footprint, smoke dust diffusion is also prevented to keep workshop clean. Recommend to users who have small workshop but high demands on workplace environment.



- Special for medium-thin ( $\leq 30\text{mm}$ ) sheet
- Intelligent bus-based CNC system
- Protective chamber for cutting area
- Automatic distribution of auxiliary gas



# SENFENG



Model	3015NP
Laser Power	1.5-12kW
Working Area (L*W)	3000*1500mm
X/Y-axis Positioning Accuracy	±0.05mm
X/Y-axis Repositioning Accuracy	±0.02mm
Max No-load Speed	120m/min
Max Acceleration	1.2G
Max Load of Platform	1100kg
Overall Dimensions (L*W*H)	4482*2760*1960mm
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)

## Cut Medium-thin Sheet at High Speed

We adopt high-quality laser cutting head (with autofocus and rapid obstacle avoidance), which is 5 times faster than before because it can speed up piercing and lessen superfusion, especially when cutting thin sheet.



## New Protective Chamber

A new protective chamber has been added for cutting area, which will move along with cutting position and become sealing due to the sliding door. In addition, laser radiation is also prevented thanks to CE-compliant acrylic protective panel.



## Intelligent Bus-based CNC System

The system is easy to operate and has rich functions, featuring rapid and fast data transmission, low failure rate and easy maintenance. With rich cutting crafts and database, users can invoke cutting parameters at will.



Multi-stage piercing



Disc centering



Leapfrog moving

## Servo Swing Loading Manipulator (Optional)

It is composed of swing manipulator, vacuum suction cups, sheet rack, CNC system, vacuum system and safety protection system, just for the higher efficiency and less labor costs.

