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	100m/min
Max Acceleration	1.0G
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

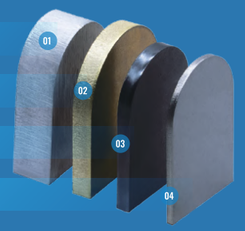
We adopt high-quality laser cutting head (with autofocus and rapid obstacle avoidance), which is 5 times faster than before because it can speed up piercing and lessen superfusion, especially when cutting thin sheet.

1-25mm stainless steel

1-16mm brass

1-30mm carbon steel

1-20mm AL alloy

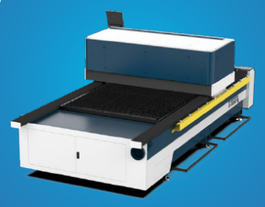


New Protective Chamber

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.

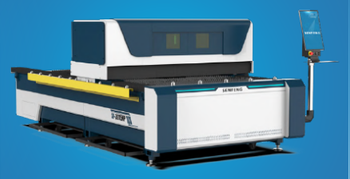
Single platform

Save total footprint (only 12m²) and enjoy high cost performance



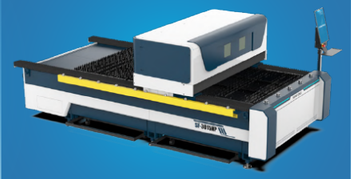
Fully-integrated structure

Combine its main body with electric cabinet, water chiller and more



Integrated distribution cabinet

Separate strong and weak current to minimize electrical interference



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

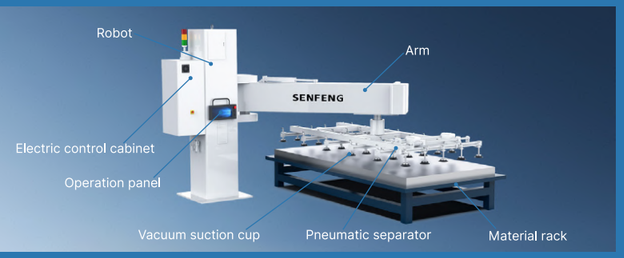
Leapfrog moving

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.

Sheet thickness **1-14mm**

Max weight of sheet **500kg**



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(Qihe)

Manufacturing Base (Lingang Road, Jinan)

SENFENG (Suzhou) New Energy

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

SENFENG (Wuhan) Branch

Jinan Senfeng Laser Technology Co., Ltd.

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Note: The pictures and parameters in the album are for reference only, and the actual product shall prevail. Printed in Sept. 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 (≤30mm) sheet**
- **Protective chamber for cutting area**
- **Intelligent bus-based CNC system**
- **Automatic distribution of auxiliary gas**