

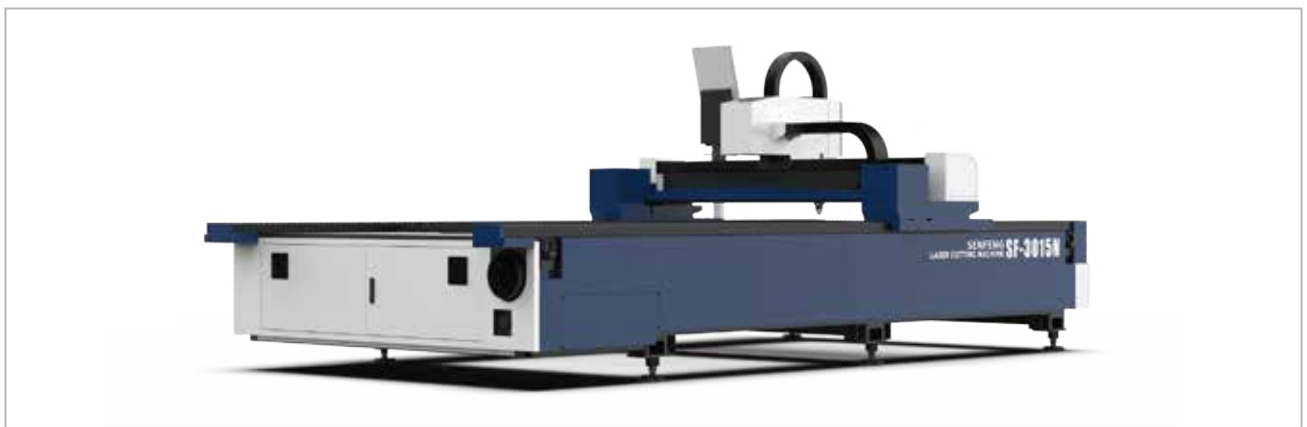
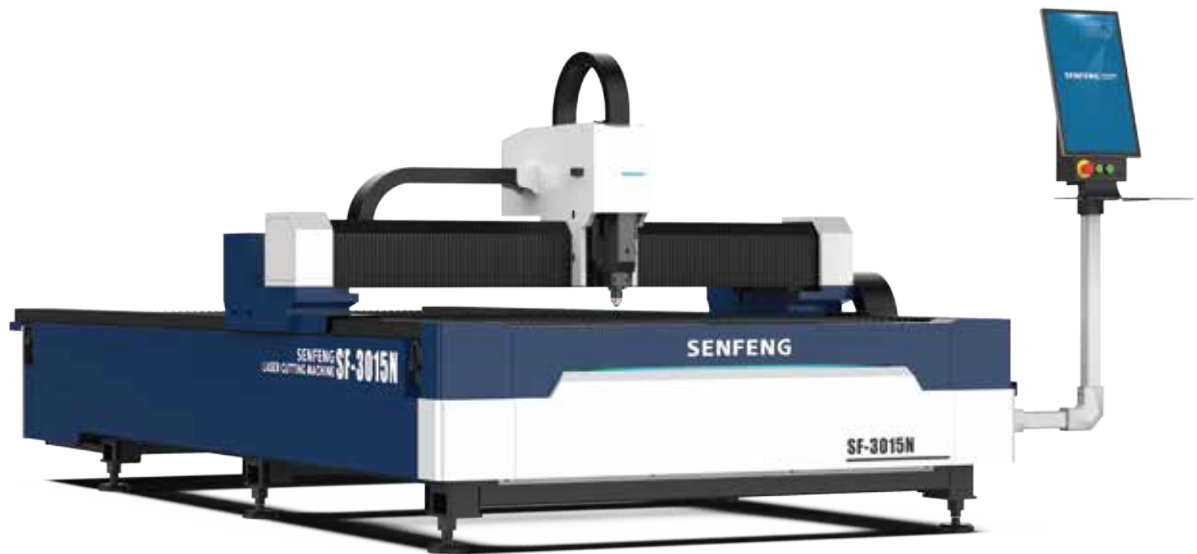
# SENFENG

## New Arrival in 2024 Smaller in Size, Rich in Functions

3015N Series Medium-power Laser Cutting Machine



# **3015N** *Medium-power Laser Cutting Machine*



## In-batch Transport at a Knockdown Price

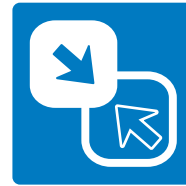
After packaging upgrades, 8 sets of 3015N can be packaged in 1 40HQ standard container. In spite of beam removal, quick insert structure is adopted to enable do-it-yourself assembly by users.



Rush delivery



Great reduction in freights



Easy to assemble all together

## Core Components of Independent Research

As we know, control system, laser generator and laser cutting head play a decisive role in the final cutting effects. In view of this, we launch a highly matched suit featuring fast response and high interconnection, just in order to offer favorable effects.



**01 Intelligent control system**

21.5-inch display screen, customization as needed



**02 Laser generator**

Small in size, maintenance-free, high electro-optical conversion rate



**03 Laser cutting head**

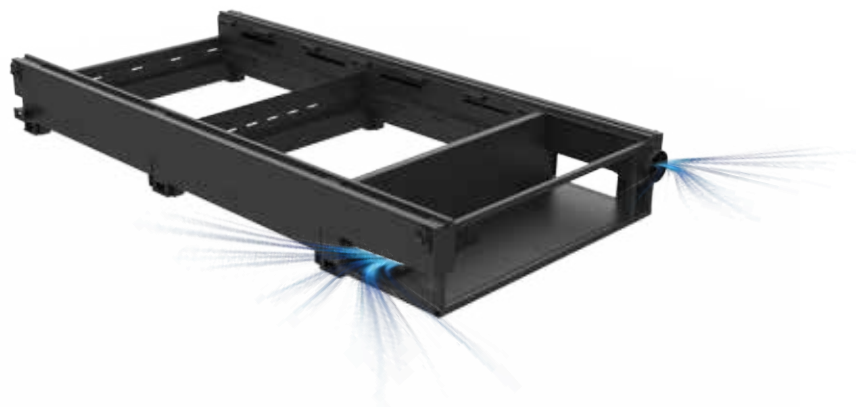
Autofocus, all-round water cooling, tightly dust-proof

## Fast to Remove Smoke and Dust

Machine tool is equipped with double duct system to speed up its inside ventilation and prevent smoke dust accumulation. Such good effects can make up the shortfall of this open-style machine.

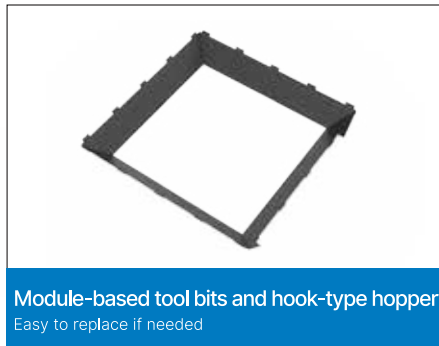
**01** Double ventilating ducts

**02** Keep your workshop clean



# User-friendly Design

Based on our years of design experience and user feedback, 3015N is further upgraded in machine structure and functions.

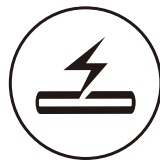


# Various Cutting Crafts

The model takes into account cutting speed and quality. For thin sheets, the cutting is as quick as a flash.



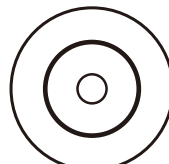
Fly cutting of thin sheet



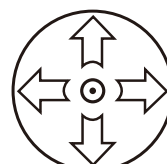
High-paced cutting



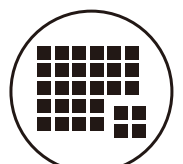
Smart obstacle avoidance



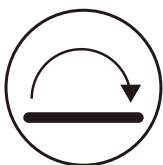
Disc centering



Auto edge finding



Smart typesetting



Leapfrog cutting



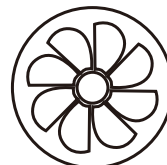
Scan cutting



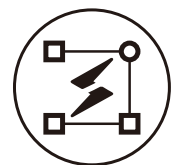
Traceless micro-joint



Slit compensation

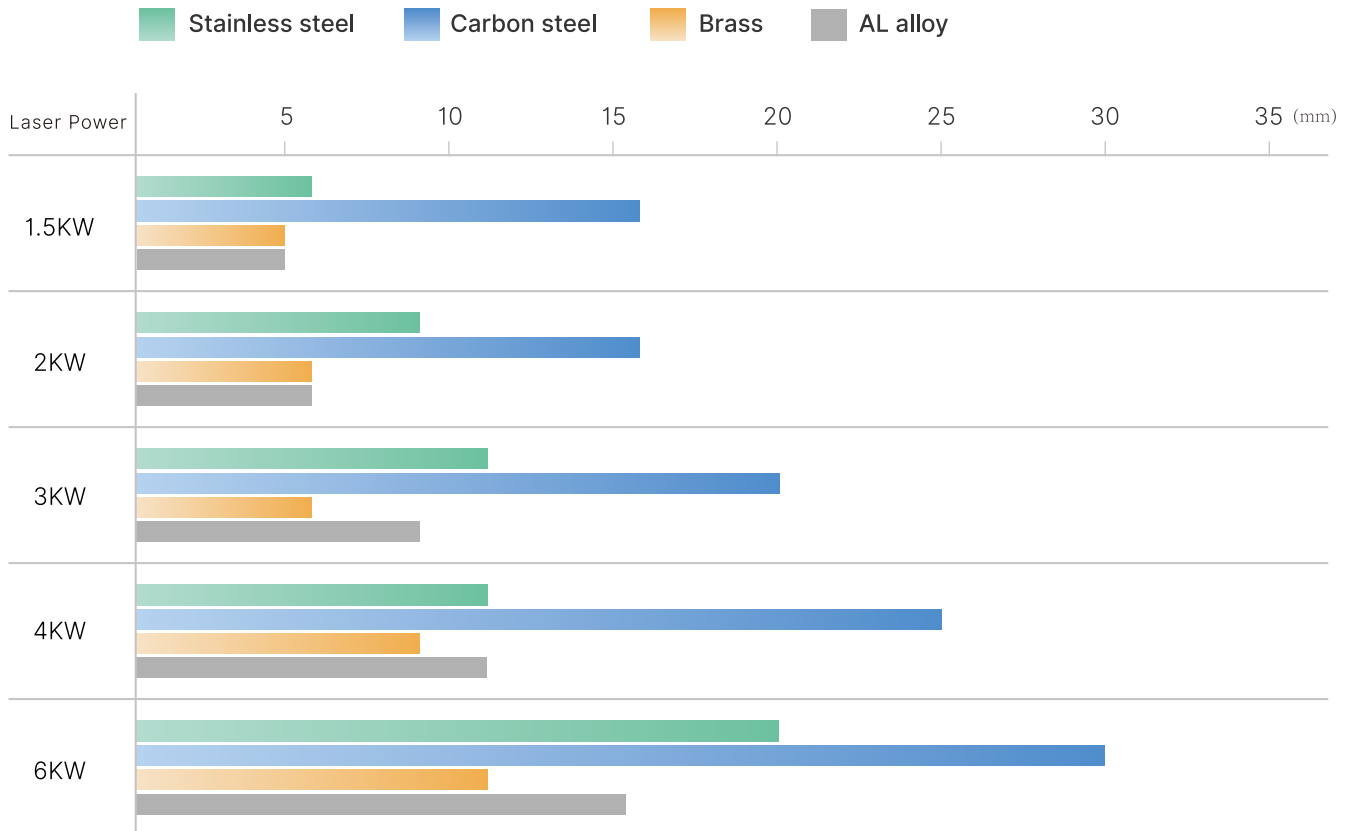


Ventilating dust removal



Restart from breakpoint after power failure

# Cutting Ability



\*All data above are derived from SENFENG's R&D and Innovation Team through numerous experiments. For reference only, in kind prevail!

# Technical Parameters

Main Parameters	SF3015N
Laser Power	1.5kW-6kW
Working Area (L*W)	3050mm*1530mm
X/Y-axis Positioning Accuracy	±0.05mm
X/Y-axis Repositioning Accuracy	±0.02mm
Max No-load Speed	100m/min
Max Acceleration	1G
Max Load of Platform	700kg
Overall Dimensions (L*W*H)	4360mm*2760mm*1800mm
Power Supply	Three-phase 380V, 50Hz/60Hz

# SENFENG

## Provide Global Customers with Metal Forming Automation Solutions

### 20 Years of History

Nearly 1,700 employees in total

### 3 Manufacturing Bases in China

Nearly 180,000m<sup>2</sup> area

### Roughly 20,000 Sets of Gross Sales

Serve 100<sup>+</sup> countries and regions

### 7 Oversea Service Agencies

USA, Germany, UAE, Pakistan, India, Vietnam, Jordan

### 200<sup>+</sup> Oversea Customer Service Agents

24/7/365 after-sales service

## Company Profile

SENFENG, a globe-spanning metal forming manufacturer, is aimed at providing global customers with well-targeted turnkey solutions. Its mission in life is to popularize laser technology throughout the world. From technical research, lean production, quality control to after-sales service, the principle of customer first is always adhered to. We have managed to offer a wealth of durable products featuring cutting-edge technology, high quality and superior performance.

## Practical Application



Automobile manufacturing



Aerospace



Rail transit



Kitchenware and sanitary ware



Medical device



Curtain wall decoration

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🌐 www.senfenglaser.com

Note: The pictures and parameters in the album are for reference only, and the actual product shall prevail. Printed in Sept. 2024

# Lean Production

## Technical Research & Development

SENFENG has established dozens of laboratories to develop our own intelligent CNC systems, laser cutting, welding and cladding heads, as well as various laser generators.

## High-quality Production

Our production workshops perform the principle of standardization, general utilization and modularization. Throughout the whole process of production, quality control standards are strictly observed to deliver your machines in time with zero defect.

## Solutions Customization

Customizing your laser machines is permitted according to practical demands. This service can solve well-targeted problems and raise market share for all users.

## Local-based Service

We have founded subsidiaries or service agencies in the USA, Germany, UAE, Pakistan, India, Vietnam and Jordan, spreading its service to over 100 countries and regions.

# International Certificates of Authority



# Senfeng-style Service

## 1. 7\*24\*365 Style Service

Online and offline service available

## 2. Senfeng Intelligent Cloud System

Overall coordination by self-developed cloud system

## 3. Full-cycle Solutions

Service throughout pre-sales, in-sales and after-sales process

## 4. 24-day Free Operation Training at Most

Training of theory, practice, common faults, knotty faults, operating precautions, etc.

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## Basic Service

- Install new machines for free or offer online guidance
- Dispatch for repair and offer accessories for free within 2-year warranty period
- Relocate your machines at out-of-warranty charging standards

## Free-charged Service



Make well-targeted plans



Free proofing in time



Visit our production bases



Free price quotation

## Special For Big Customers

- Priority in delivery
- 10% off while paying quick-wear parts and labor service
- Exclusive online chat groups
- Repair and maintenance costs relief at fixed quota each year

## Explore More Services

- Further extension of warranty period
- Upgrade hardware and software at odd intervals
- One-stop machine know-how database
- Promise to fix your complains within time limit