

SENFENG

Company Profile

Jinan Senfeng Laser Technology Co.,Ltd.

www.senfenglaser.com

An aerial photograph of a large industrial complex. The main building has a light blue roof with the word 'SENFENG' written in large, dark blue letters across it. The building is surrounded by parking lots, roads, and some greenery. In the bottom left corner, there is a small blue square with the word 'SENFENG' in white.

SENFENG



BRAND INTRODUCTION

[SENFENG](#), a global enterprise, aims to provide metal forming automation solutions for users around the world. A number of independently developed core technologies, including [cutting](#), [bending](#), [welding](#), [cladding](#), [automation](#), and [metal cutting machine tools](#), have made SENFENG a technologically innovative enterprise that develops the [entire laser supply chain](#).

SENFENG's main products include laser cutting, laser welding, laser cladding, etc. Integrating laser technology and intelligent manufacturing concepts, it independently developed laser flexible processing production lines, intelligent sheet metal panel benders, sheet metal forming flexible production lines, etc., to provide customers with comprehensive laser processing solutions. SENFENG's products are widely used in the manufacturing of precision parts in the fields of automobile parts, engineering machinery, bridge building formwork, prefabricated buildings, TBST transmission towers, coal mining and petrochemical equipment, covering more than 100 countries and regions.



SUB
BRANDS



Research and development of laser
core components

Metal forming automation
solutions

Ultra-high power and ultra-large
format laser cutting products

High-end customization of laser
cutting equipment

Research and development of
powder core technology

Laser cladding additive
remanufacturing solutions

Manufacturing of
new energy batteries

Laser intelligent production line

Green remanufacturing services

Metal surface modification
production line



GLOBAL STRATEGY

SENFENG deeply explores the global market and creates dual channels of domestic and international development

6 domestic bases
13 international locations



New headquarters
(High-tech Zone, Jinan City)



Production base
(Qihe)



Production base
(Lingang Road, Jinan City)



Senfeng (Suzhou)
Branch



Senfeng (Bonded Zone)
Import and Export Co., Ltd.



Senfeng (Wuhan)
Branch



SENFENG USA
(Houston)



SENFENG USA
(Los Angeles)



SENFENG Germany



SENFENG UAE



SENFENG Pakistan



SENFENG Vietnam



SENFENG Jordan



SENFENG Japan



SENFENG India



SENFENG Indonesia



SENFENG Australia



SENFENG Türkiye



SENFENG Poland



NATIONAL PATENT
CERTIFICATION

690+

*As of June 30th, 2025





SENFENG POWER PLUS Laser Source

The laser source is independently developed by SENFENG and has the advantages of high power, small size and stable operation.

The laser source is widely used in laser cutting, welding, cleaning, cladding additives and other fields, making SENFENG one of the few full-field laser system solution providers in the world.

Independently
developed
core technology

LASER SOURCE





SENFENG TYRFING Laser Processing Head

SENFENG TYRFING laser processing heads were developed, including laser cutting heads, laser welding heads and industrial-grade multi-functional cladding heads.

SENFENG has overcome the problems in thick plate cutting, 3D cutting, and high-speed cladding, and has applied mature and advanced optical technology to their end markets, playing a vital role in the innovation and development of enterprises.



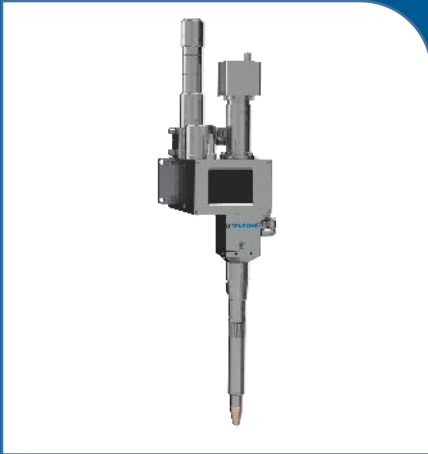
LASER CUTTING HEAD

- Automatic focus adjustment
- Water cooling
- Lightning-fast cutting
- Bright cutting technology



3D LASER CLADDING HEAD

- Automatic focus adjustment
- Anti-collision function
- Internal optical path design
- Integrated follow axis



LASER WELDING HEAD

- Efficient cooling
- Rich extension modules
- High-quality airflow design
- Excellent welding effect



LASER CLADDING HEAD

- Visual focus scale
- Rich focus configuration
- Protective lens flip design
- Integrated water cooling design

SENFENG

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SENFENG MIMIR

Intelligent Operating System



Stable and reliable, easy deployment.
Easy debugging and safe production.
Rich functions and excellent performance.



Supports modular, personalized,
automated and information solutions.
Memory caching can be implemented.

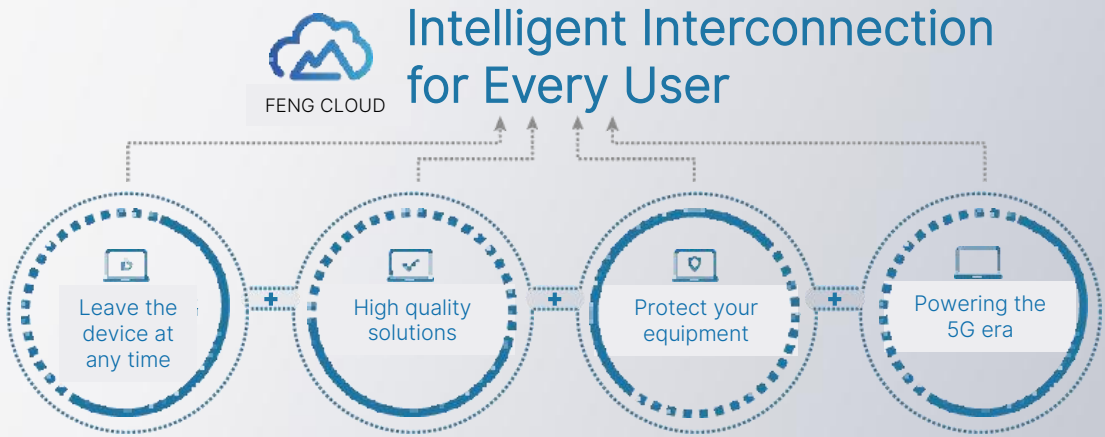


Powerful cutting process database
and cutting parameters for various
thicknesses and plates.
Quick operation and efficient cutting.

SENFENG MIMIR



 FENG CLOUD SYSTEM Digital intelligent service system



SENFENG connects various production factors such as equipment, production lines, employees, factories, warehouses, suppliers, products and customers closely through an open Internet platform to share data and resources, thereby making the entire manufacturing and production process real-time, networked, automated and intelligent.



SENFENG WHOLE INDUSTRY CHAIN

Provide Global Customers with Metal Forming Automation Solutions



VIDEO

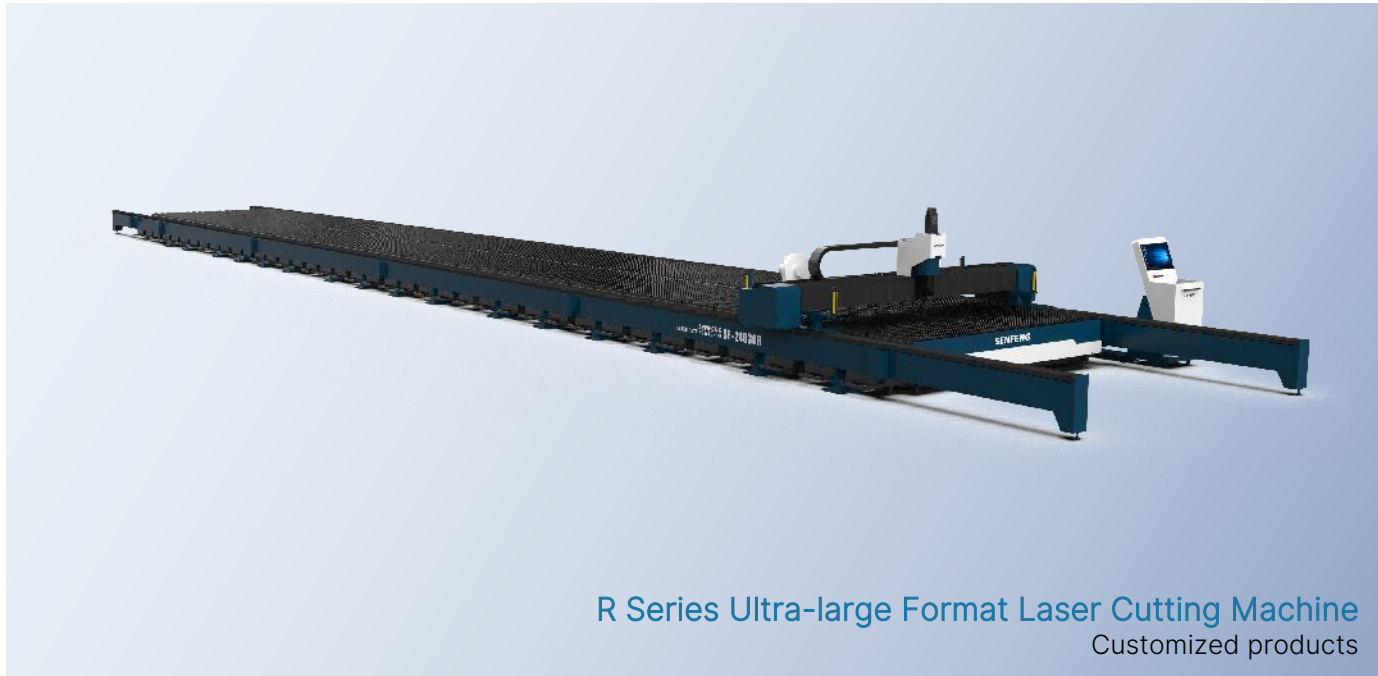




PLATE CUTTING

Compared with traditional plasma and flame cutting, laser cutting saves resources and energy consumption and features smoke-free cutting. SENFENG is committed to the development and application of high-end laser cutting machines, and has demonstrated strong strength in mechanical configuration, functional support, software systems, etc., thereby empowering global enterprises to achieve intelligent manufacturing and promoting the traditional manufacturing into the Industry 4.0 era.





R Series Ultra-large Format Laser Cutting Machine
Customized products



H Series Ultra-high Power Laser Cutting Machine
Extremely fast, cutting thick plates



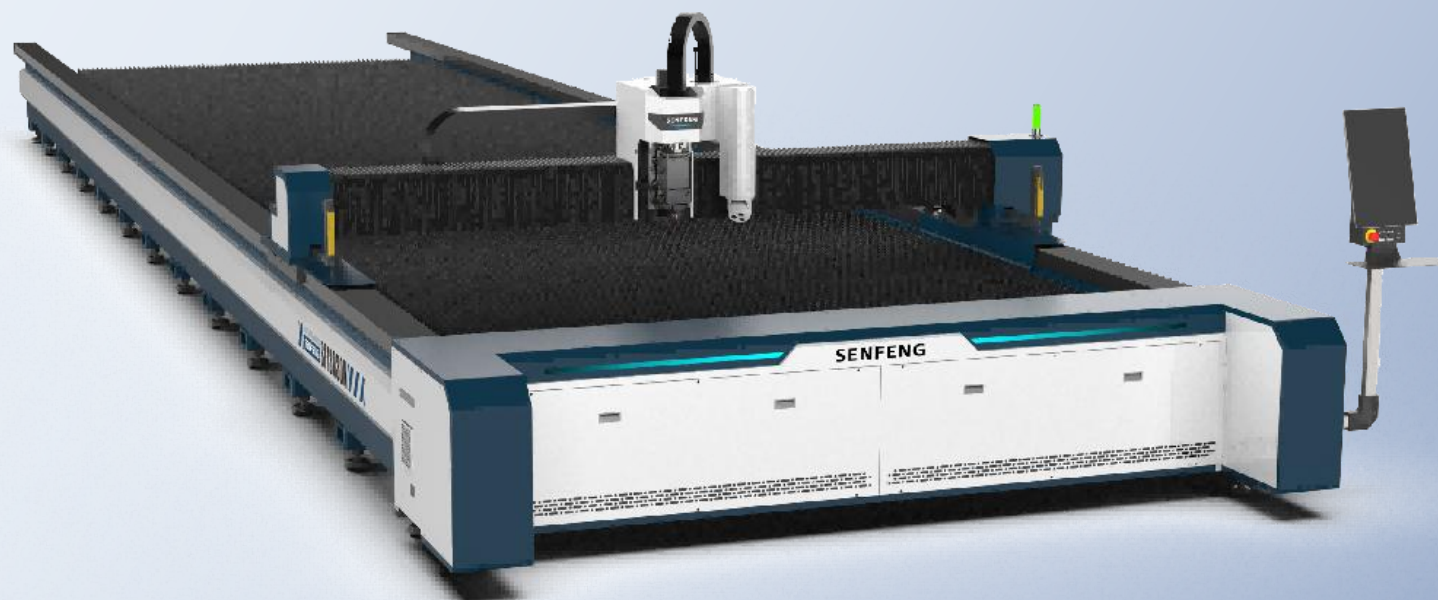
TX Series Ultra-large Format Bevel Laser Cutting Machine
Bevel cutting, more convenient



METAL SHEET LASER CUTTING SERIES

13030N High Performance Laser Cutting Machine

Cutting medium and thick plates



METAL SHEET
LASER CUTTING SERIES

1.5G acceleration, **super** dynamic performance



METAL SHEET
LASER CUTTING SERIES

3015N Single-platform Sheet Laser Cutting Machine

Economical, functional, stable, reliable





PIPE CUTTING

SENFENG has persisted in independent R&D and product innovation, and has deeply explored the pipe cutting market. The pipe cutting equipment system continues to grow, from single chuck, two chuck to three chuck to four chuck, from vertical cutting to bevel cutting, from regular pipes to special-shaped pipes, from semi-automatic to fully automatic. SENFENG can customize the equipment according to customer needs and provide a full range of technical support and after-sales services.





PIPE
LASER CUTTING SERIES

T Series Two-chuck Laser Pipe Cutting Machine
2 chucks for efficient processing



with follow support



with variable diameter wheel

NT Series Three-chuck Laser Pipe Cutting Machine (Horizontal)
3 chucks for heavy tubes, saving time and increasing production



ST Series Three-chuck Laser Pipe Cutting machine (Side-mounted)
3 chucks for heavy tubes, saving time and increasing production (optional single tube or multi-tube loading equipment)

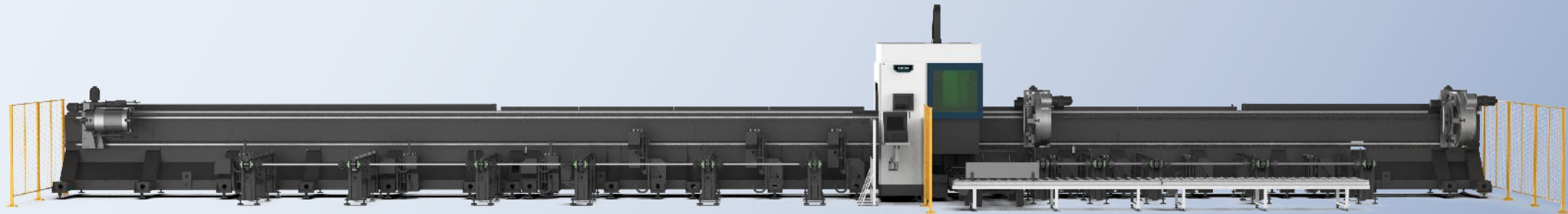




PIPE LASER CUTTING SERIES

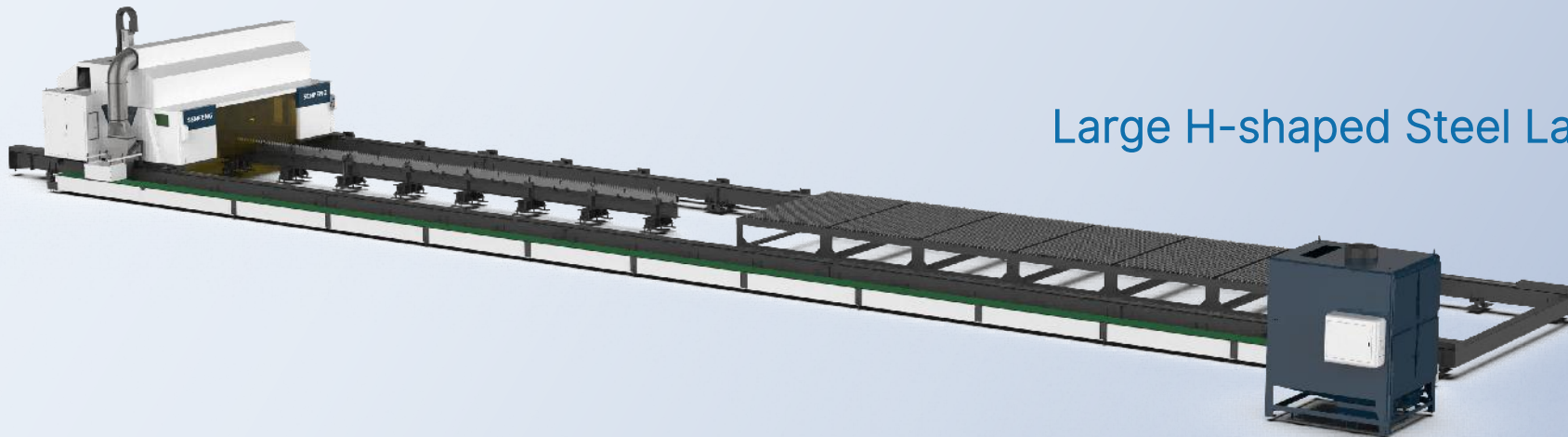
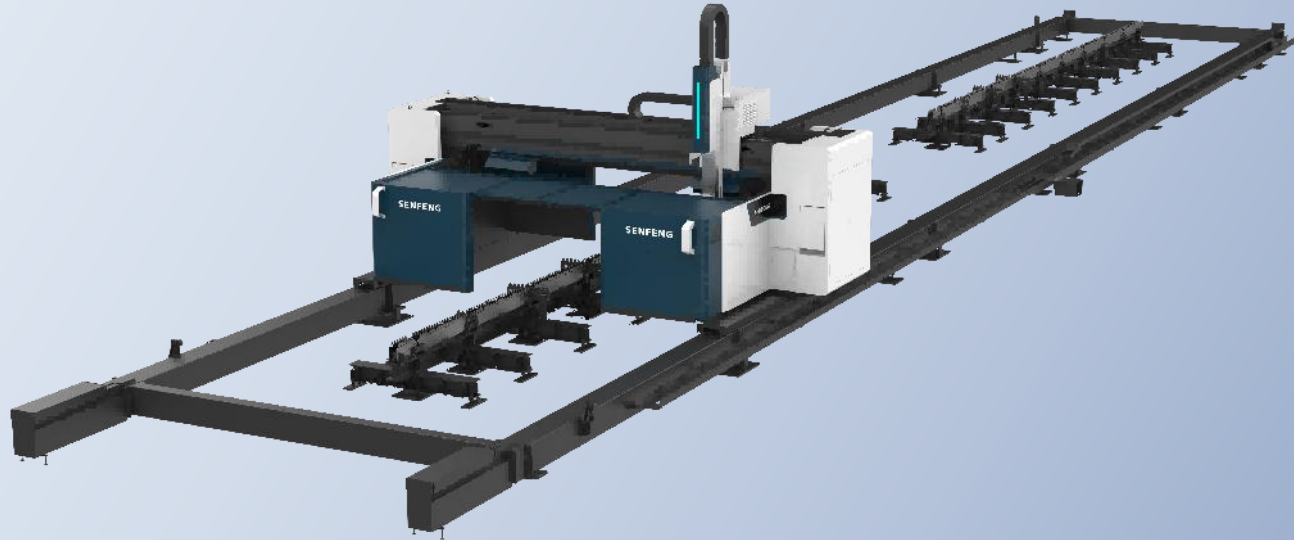
HT Series Four-chuck Laser Pipe Cutting Machine

Heavy-duty 4-chuck, stable and high-performance (optional single-tube or multi-tube loading equipment)





PIPE LASER CUTTING SERIES



Cutting profile steel

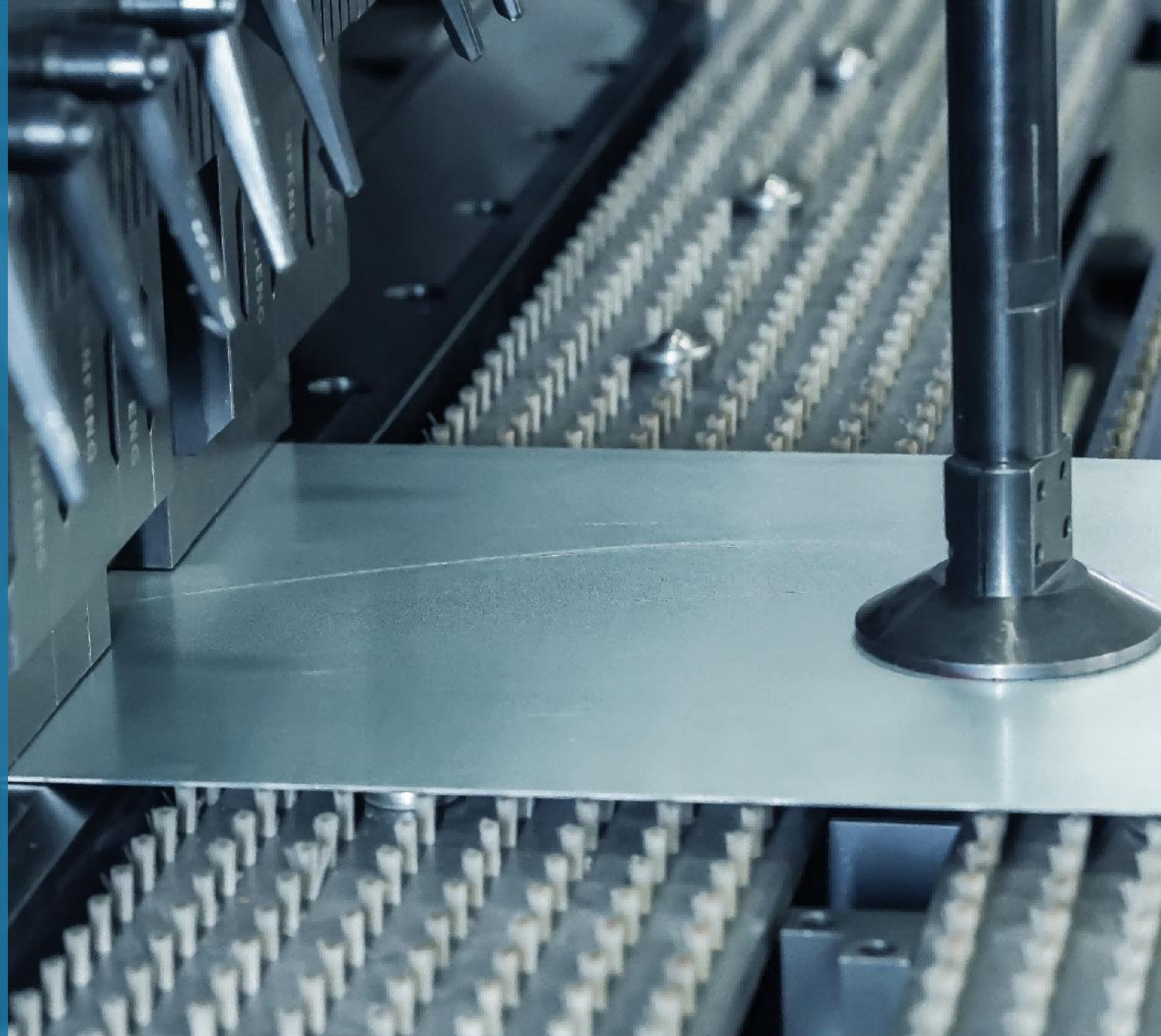
SF1500CH

Large H-shaped Steel Laser Cutting Production Line



PANEL BENDER

Fully automatic bending is a green innovative technology with high efficiency and low energy consumption, which eliminates chemical pollution and environmental pollution, and achieves both economic and social benefits. SENFENG fully automatic bending center is intelligent and efficient, 0.2 seconds/knife, equipped with universal bending molds. High-tech one-time molding saves labor and eliminates safety hazards, achieving efficient batch production.





FLEXIBLE BENDING SERIES

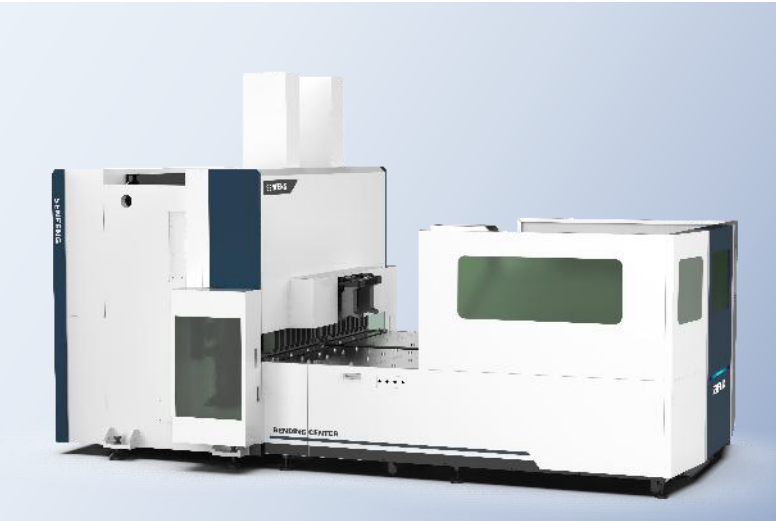
BDC Series Arm Flexible Panel Bender
Efficient bending and mass production



BDC Series Flexible Panel Bender(Standard Model)



BDC Series Flexible Panel Bender(Matching Auxiliary Knife)

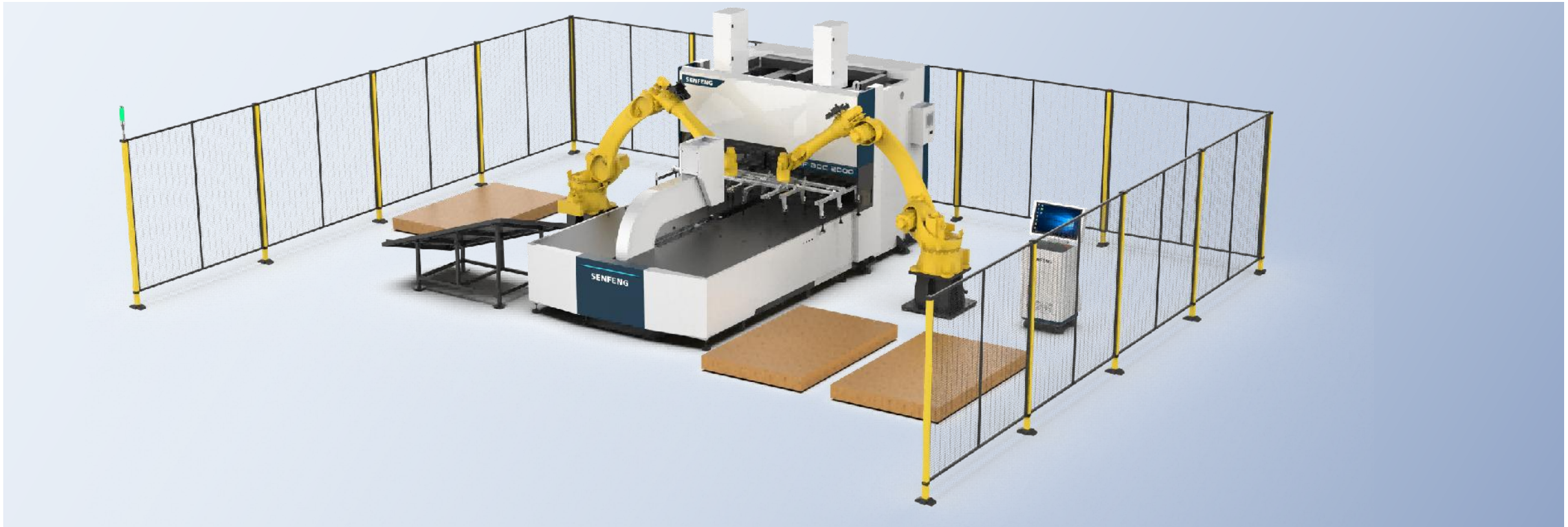


BDC Series Flexible Panel Bender(With auxiliary knives and automatic tool change)



FLEXIBLE BENDING SERIES

Fully Automatic Bending
Smarter, efficiency doubled

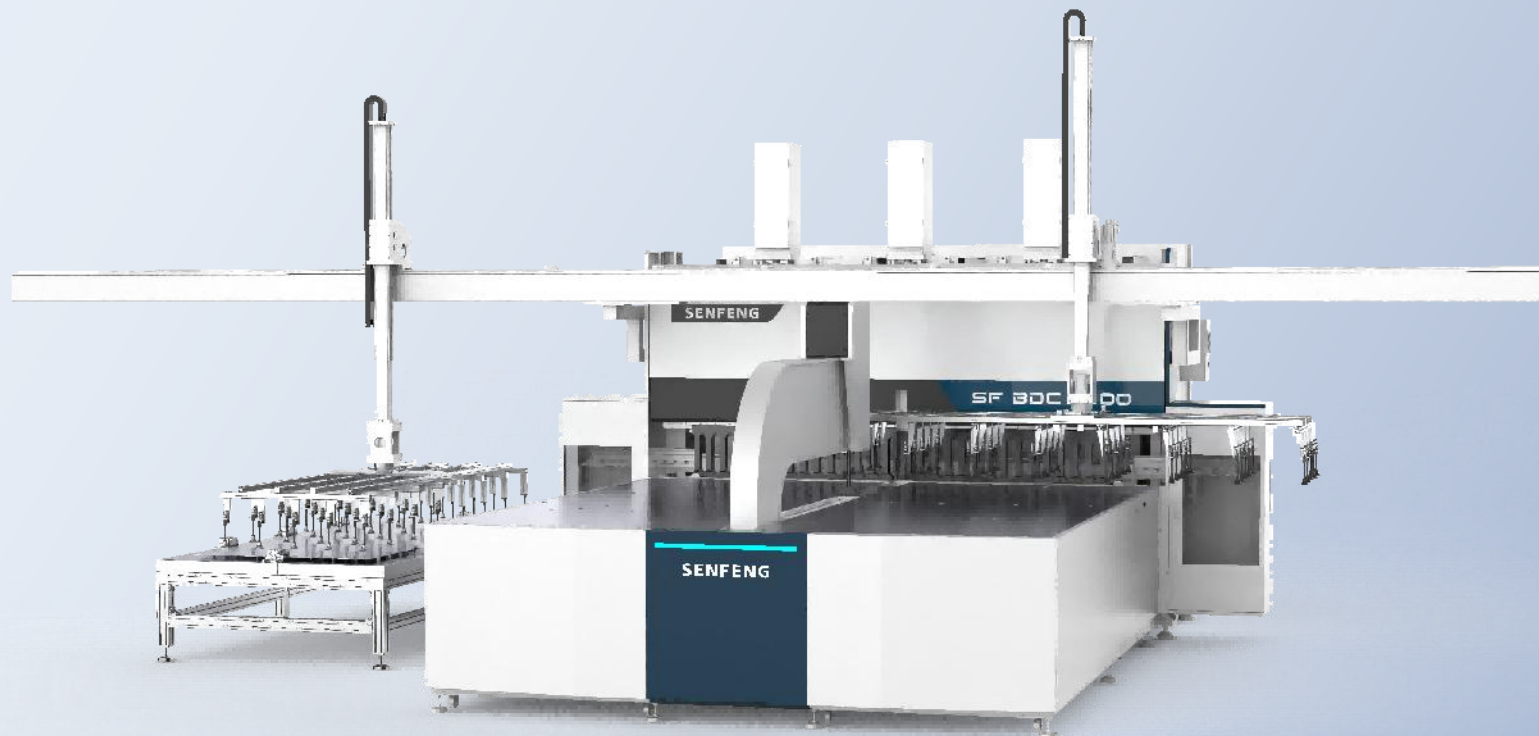




FLEXIBLE BENDING SERIES

Fully-automatic Truss Loading & Unloading Device

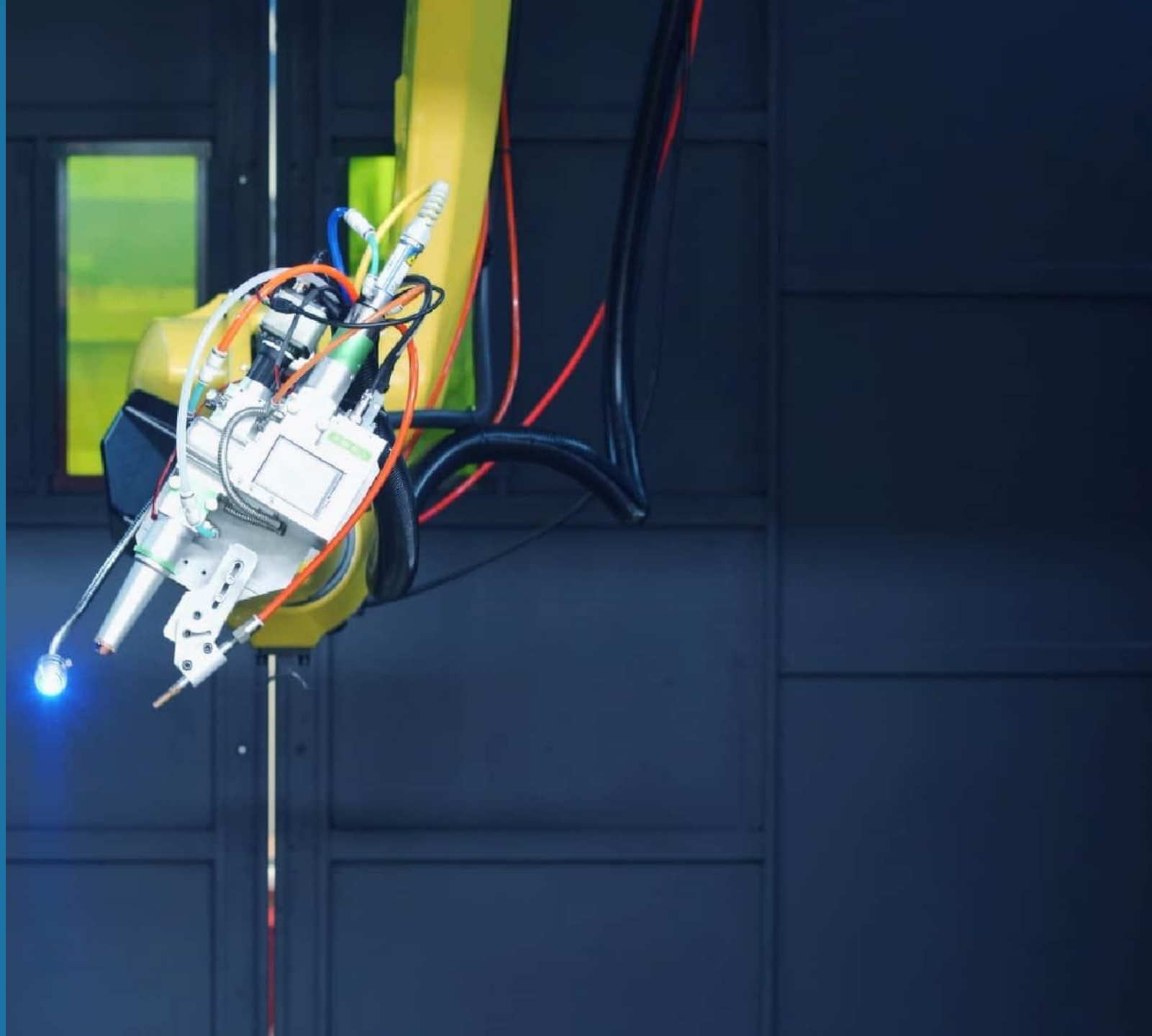
One-stop work featured by intellectualization and high efficiency





WELDING

SENFENG, one of the earliest companies founding laser welding centers in China, is always dedicated to the welding-related R&D and studies. Up to now, there have been 5 categories/10+ kinds of welding machines like handheld laser welding, robotic laser welding, robotic arc welding, laser-arc hybrid welding and automatic welding machines. With SGS, FDA, CE, ISO and other authoritative certifications, they are serving auto parts, rail transit, equipment manufacturing, and taking a road of extensive industrialization.





MAKE TRADITIONAL WELDING A THING OF PAST

Handheld Laser Welding Machines

Weld by hands with
nice-pleasing weld seams



SF-S Series



SF-HW Series



SF-HWM Series



MAKE TRADITIONAL WELDING A THING OF PAST

Robotic Laser Welding Machines

Multi-dimensional welding
at high quality



SF-RW Series

Model with protective chamber



SF-RW Series

Standard model



MAKE TRADITIONAL WELDING A THING OF PAST

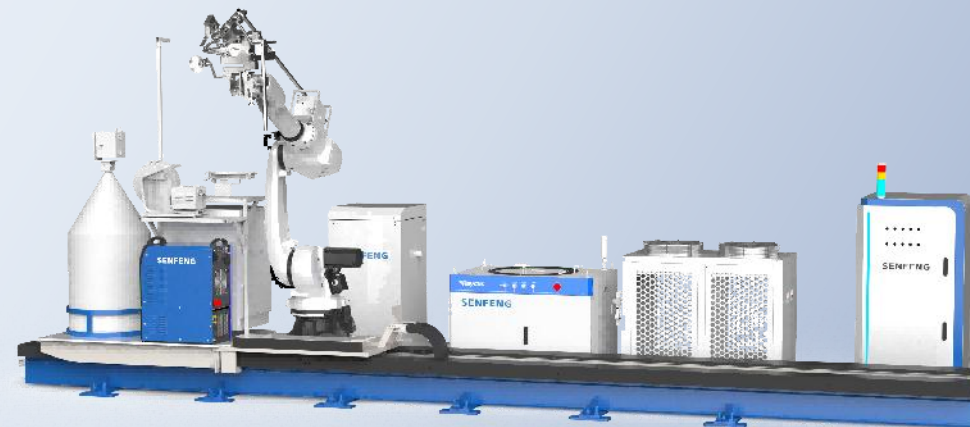
Robotic Arc Welding Machines

High-quality welding for wide applications



Laser-arc Hybrid Welding Machine

Special for welding thick plates



Wheel Hub Laser Welding Machine

Intelligent welding for batch production



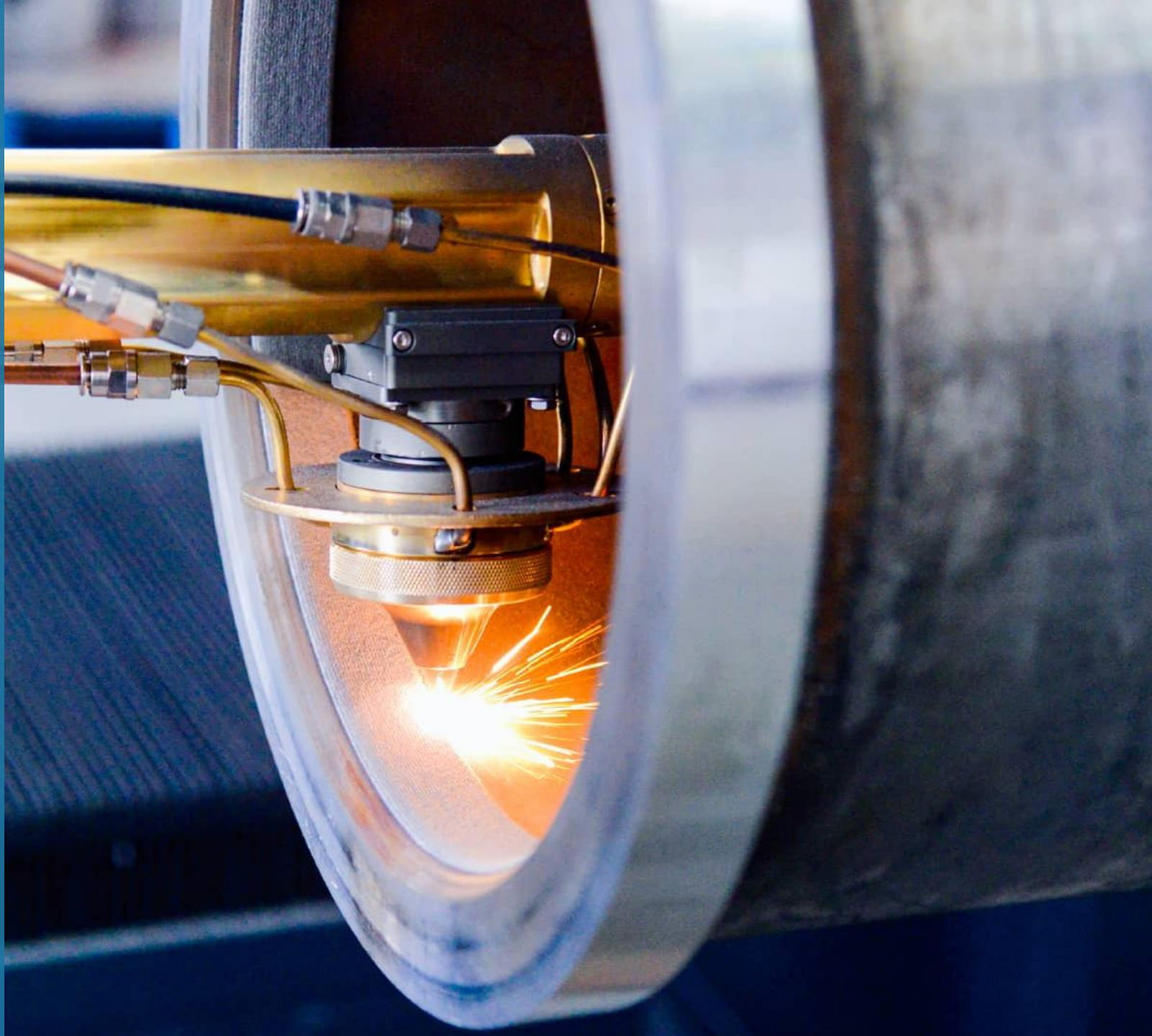
**MAKE TRADITIONAL
WELDING A THING OF PAST**

Automatic Welding Solutions



LASER CLADDING

Laser cladding, a green manufacturing and remanufacturing process, is recognized by the market for its zero pollution, low cost, long life and low energy consumption. It is a new technology that is energy-saving, environmentally friendly, low-carbon and emission-reducing. SENFENG develops a variety of laser cladding equipment, covering mining machinery, petrochemicals, coal, metallurgy, electric power, railways, automobiles, ships, aviation and other industries.





AUTOMATION

The SENFENG automated production line can achieve 24-hour efficient continuous production, greatly saving labor costs. It realizes the automation of material and information transmission in the entire production system and achieves a green smart factory.





AUTOMATION SERIES

1503CH Laser Blanking Production Line

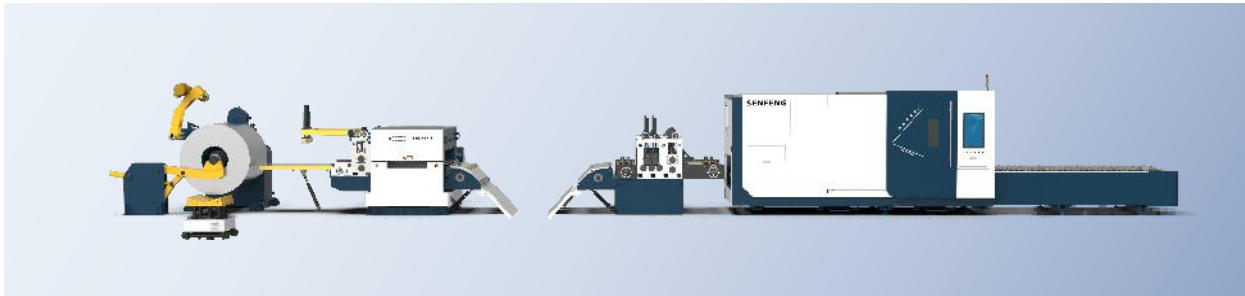
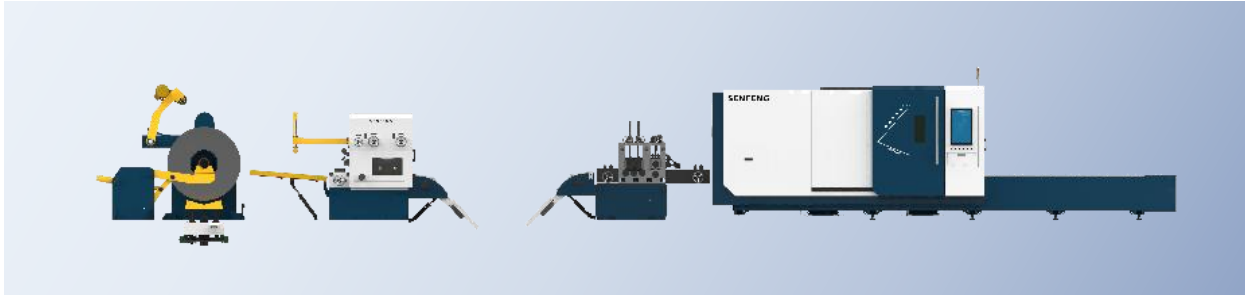
Flexible and mass production (can be configured with multiple beams)

1803CLH Laser Blanking Production Line

Standard setter for laser processing of passenger car panels

Automatic Loading and Unloading

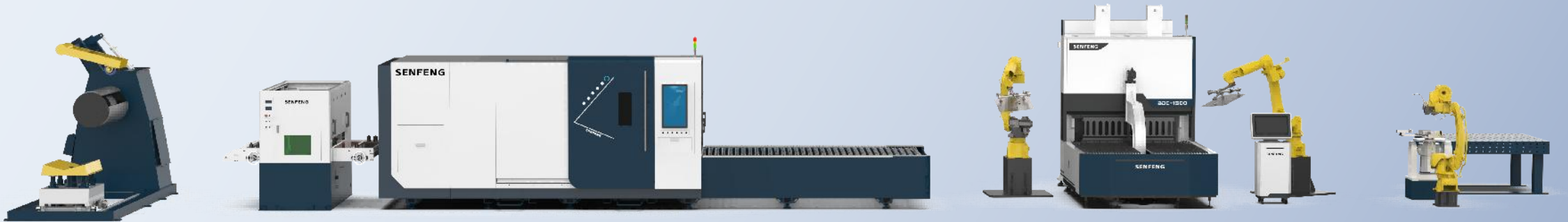
Efficient, convenient and labor-saving



AUTOMATION SERIES

TOP Metal Forming Flexible Processing Center

SMART MANUFACTURING



The production line integrates a laser blanking production line, a fully automatic bending center, robot automated welding, robot handling and robot palletizing. It realizes 100% automation of the sheet metal processing and comprehensively improves the efficiency and accuracy of metal forming.



3D LASER CUTTING

As the cutting-edge equipment in the field of modern industrial manufacturing, SENFENG 3D 5-axis laser cutting machine integrates high precision, high flexibility and high efficiency, and is able to easily cope with a variety of complex curved surfaces, shaped structures and even hard-to-reach cutting tasks in a narrow space, which opens up a whole new dimension for the processing of complex parts.





CNC MACHINE TOOL

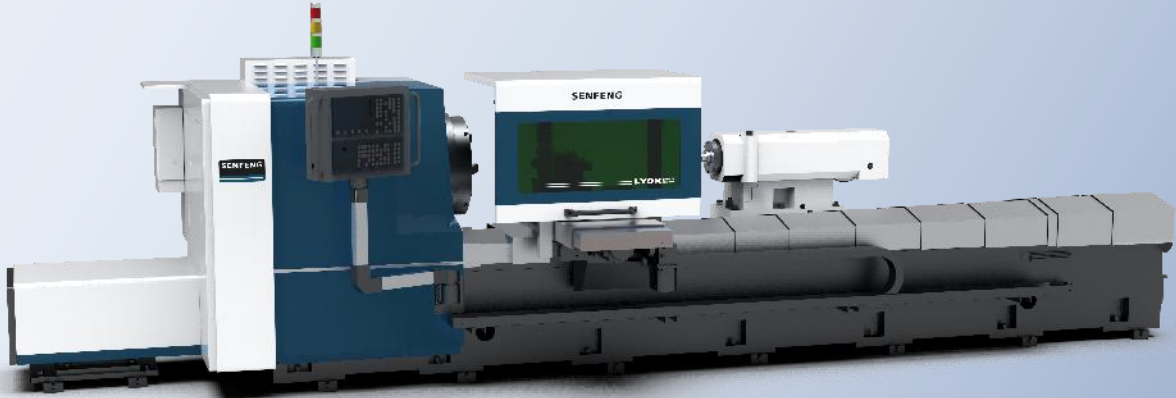
As an important tool in metalworking field, CNC machine tool is indispensable to the development of traditional metal manufacturing. To raise machine quality and work efficiency, our CNC machine tool is engineered to be high in precision, efficiency and automation. In this way, metal manufacturing will witness further technical progress and industry upgrades.



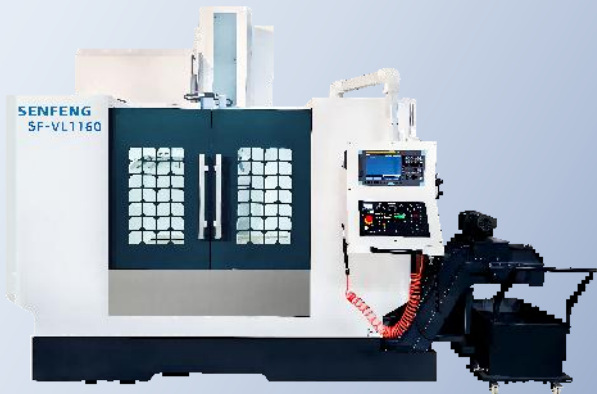


CNC MACHINE TOOLS

LYCK8463 High Precision CNC Roll Lathe
Machining precision first



SF-VL1160 Vertical Machining Center
Fit for heavy cutting



SF-LM3020B Gantry Machining Center
Suitable for cutting large workpieces

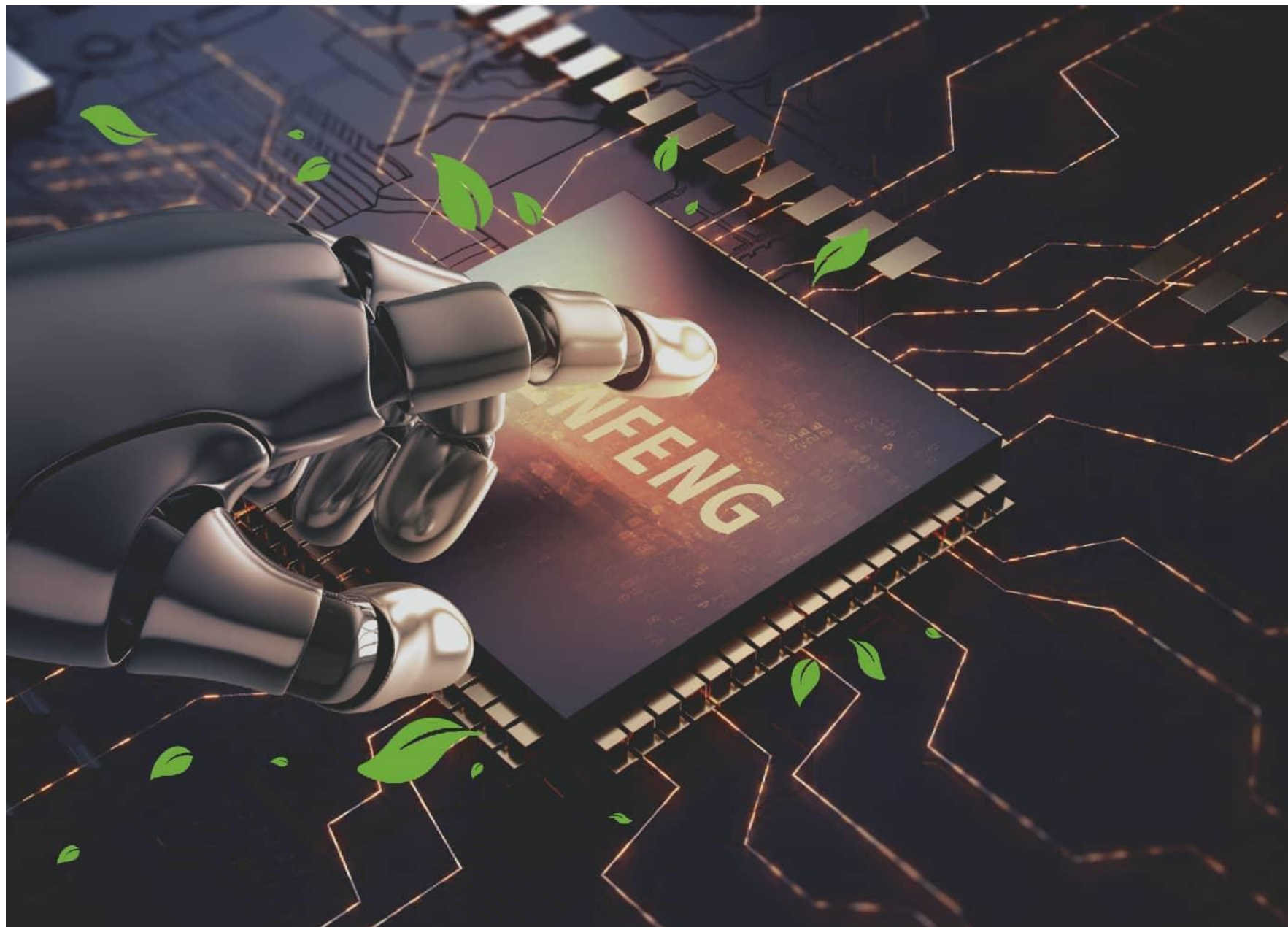




DUAL CARBON GOALS, GREEN AND SMART MANUFACTURING

With the proposals of "carbon neutrality" and "carbon peak", environmental accountability is forcing technological transformation. The green development of the metal manufacturing industry is an inevitable trend and is closely related to the survival of enterprises in the future.

[SENFENG](#) has the entire industry chain integrating cutting, bending, welding, cladding and automation. It uses green metal forming solutions to help global enterprises reduce consumption and costs and achieve green production!





5-STAR FAST SERVICE SYSTEM



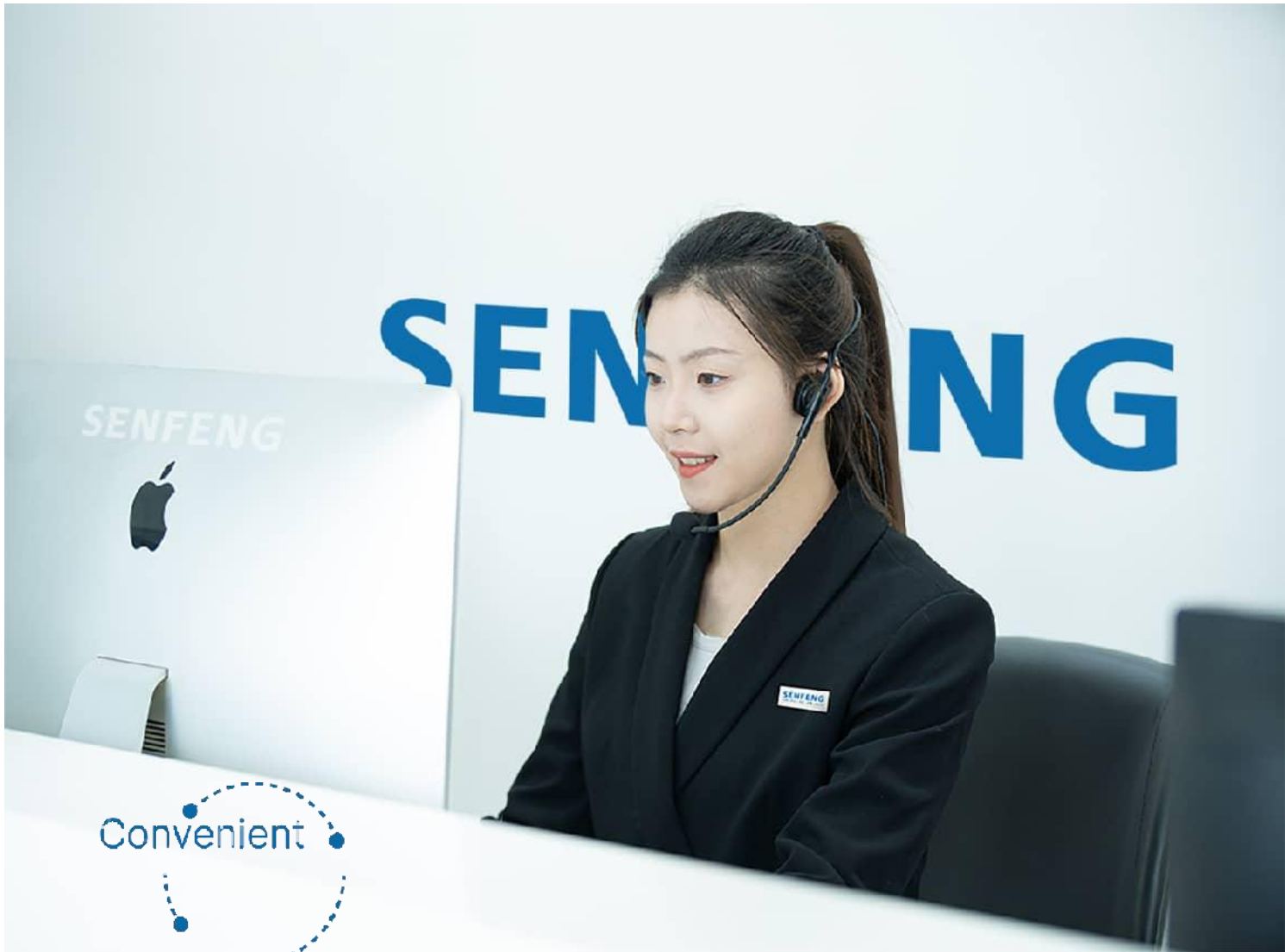
24 hours***7** days***365** days
Answer repair calls at any time



Customized solutions
One to one service



Detailed theoretical and practical training
Regular maintenance reminder
Extended warranty





PARTNERS

SENFENG products sell well in more than 100 countries and regions, and have established strategic partnerships for sustainable development with many well-known companies.



SENFENG

GLOBAL CUSTOMER TESTIMONIALS




**GLOBAL
EXHIBITIONS**

SENFENG

Provide Global Customers with Metal Forming Automation Solutions

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