

SENFENG

INTELLIGENT AIR CUT

1 SENFENG A8
Intelligent Air Cutting System

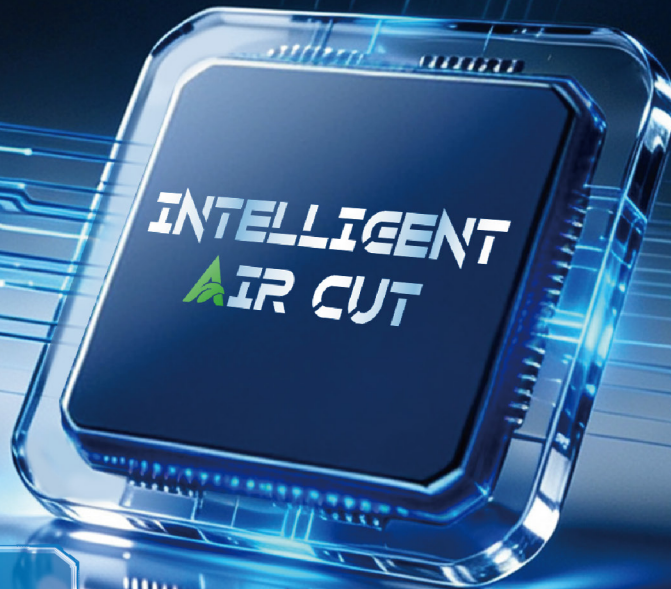
2 Intelligent Air
Monitoring, Control, and Feedback System

3 SENFENG AI
Process Cube

4 SENFENG H8
Laser Cutting Head

5 Intelligent
Motion Control System

6 Intelligent Variable-frequency
Fume Purification System



Best ^{air} for Cutting
/// Save More /// Cut Better ///

What is

SENFENG Intelligent Air Cutting?

This is an advanced solution with in-depth synergy of both hardware and software. It can take integrated control of compressed air supply, air source purification & purity monitoring, motion control, intelligent matching with cutting parameters as well as fume purification.

More Than Air Cutting

Solving the Challenges Behind **Stable Cutting**

5 Years

Warranty Extension
For Core Components



More Assured

Precision-controlled gas purity ensures zero oxidation and flawless cut surfaces, resulting in more consistent machining quality.



Much Safer

Integrated system control with real-time monitoring reduces equipment failure rates and minimizes wear and tear on consumable parts.



Much Simpler

AI Process Cube: Equipped with a massive AI process database, it allows you to adjust parameters with one-click, eliminating the need for manual intervention.



More Efficient

Compared to traditional air cutting, processing time is reduced by 46% and speed is increased by 56%, resulting in a significant leap in processing efficiency.

46%
Time Saved

56%
Speed Increased

More Cost Savings

Compared to traditional air cutting, intelligent air cutting reduces total costs by 92% and achieves an overall energy savings of 20.3%.

92%
Gas Costs Reduced

20.3%
Energy Saved

One Intelligent Air Cutting System Serving **Multiple** SENFENG Machines

H4 Series

High-Power
Intelligent Air Cutting Series for
Medium and Thick Plates



Model	3015H4/4020H4/6015H4/6020H4/6025H4
Laser Power (kW)	6-60
Working Area (L*W, mm)	3080*1530/4100*2030/6100*1530/6100*2030/6100*2530
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max. No-load Speed (m/min)	140
Max. Acceleration (G)	3
Max. Load of Platforms (kg)	5000/5660/7550/9000/12000
Overall Dimensions (L*W*H, mm)	10795*3191*2410/14610*2270*2380/14980*3191*2410/ 14734*3781*2410/18926*3781*2410
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)

NP Series

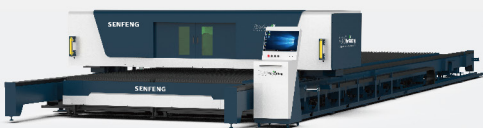
Medium-Low Power
Intelligent Air Cutting Series for
Cost-Effective Machine



Model	3015NP/4015NP/4020NP/6015NP/6020NP/6025N/13030N
Laser Power (kW)	6-12
Working Area (L*W, mm)	3050*1530/4050*1530/4050*2030/6050*1530/6050*2030/ 6050*2530/13100*3100
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max. No-load Speed (m/min)	120/120/120/120/120/130/100
Max. Acceleration (G)	1.2/1.2/1.2/1.2/1.2/1.2/1.5
Max. Load of Platform (kg)	1100/1400/1900/2100/2800/8400/18000
Overall Dimensions (L*W*H, mm)	4500*2900*2100/5500*2900*2100/5500*3400*1900/ 8100*2900*1900/8100*3400*1900/8712*4125*2160/ 16250*4100*2100
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)

R Series

Ultra-High Power
Intelligent Air Cutting Series for
Large-Format Plates



Model	3030R/6030R/8030R/12030R/12040R/14030R/14040R/ 26040R/26050R/30050R
Laser Power (kW)	6-60
Working Area (L*W, mm)	3000*3000/6000*3000/8000*3000/12000*3000/12000*4000/ 14000*3000/14000*4000/26000*4000/26000*5000/30000*5000
X/Y-axis Positioning Accuracy (mm)	±0.1/10000
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max. No-load Speed (m/min)	120
Max. Acceleration (G)	1.2
Max. Load of Platform (kg)	7065/14130/18840/28260/37680/32970/43960/ 81640/102050/117750
Overall Dimensions (L*W*H, mm)	5006*4746*1950/8360*4746*1950/11181*4746*1950/ 15612*4746*2100/15612*5746*2100/17830*4746*2100/ 17830*5746*2100/32346*5746*2100/32346*7000*2100/ 37100*7000*2100
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)

Company Profile

As a global provider of one-stop metal forming solutions, SENFENG has over 20 years of sophisticated production experience and gets 700+ technical patents at home and abroad. After years of independent R&D, we are now providing laser cutting, bending, welding, cladding, cleaning machines, CNC machining equipment and other state-of-the-art automation solutions for 60,000+ customers in global.

3 Manufacturing Bases in China

Over 200,000m² area in Jinan (Kejia Road, Lingang Road) and Dezhou (Qihe)



10+ Overseas Service Agencies

USA (Los Angeles, Houston), Germany (Frankfurt), UAE (Dubai, Sharjah), Japan (Okayama), Australia (Melbourne), Vietnam (Ho Chi Minh City), Pakistan (Lahore, Karachi), Türkiye (Istanbul), Indonesia (Jakarta), Jordan (Amman), Poland (Toruń)



20+ Years of History

Focus on R&D, production, sales & service



700+ Technical Patents

Pass certifications like CE (TÜV), FDA, ETL, SGS and RoHS



200+ Oversea Customer Service Agents

Render 24/7/365 after-sales service



60000+ Gross Sales

150+ countries and regions where our services have reached



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Note: The pictures and parameters in the album are for reference only, and the actual product shall prevail. Printed in Aug. 2026.



Start VR Tour