



Our Commitment to Service

We understand that purchasing a laser machine is just the beginning. That's why we offer comprehensive after-sales service, including installation, commissioning maintenance, and servicing across Australia. Our team of experts is always ready to ensure your equipment runs at peak performance, minimizing downtime and maximizing productivity.



iLaser Machines Pty Ltd

HIGHER POWER HIGHER PRECISION. HIGHER POSSIBILITIES

Welcome to iLaser Machines
Your Trusted Partner in Laser Cutting Excellence

iLaserMachines

PRODUCT CATALOGUE 2027

COMPANY INTRODUCTION

iLaser Machines Pty Ltd is an Australian-owned, engineer-led machinery company specialising in advanced metal processing solutions and local technical support. From our Melbourne base, we supply plate cutting, tube cutting and flexible multi-function cutting systems for manufacturers seeking precision, reliability and practical value.

Our capability extends beyond machine supply. We provide installation, commissioning, operator training, technical support and servicing across multiple laser brands. This multi-brand experience gives our team a practical understanding of different systems and helps customers choose solutions suited to real production requirements.

WHY iLASER



ENGINEER-LED EXPERTISE

Practical solutions built around real production requirements.



LOCAL SUPPORT

Australian installation, commissioning, training and technical support.



FLEXIBLE CONFIGURATION

Machines configured around your materials, processes and production needs.



MULTI-BRAND CAPABILITY

Experienced technical support across multiple laser machine brands.



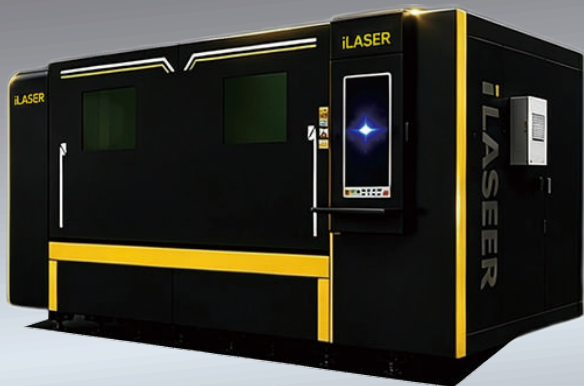
PRECISION
RELIABILITY
PRODUCTIVITY
A STRONGER
TOMORROW

AUSTRALIAN SUPPORT.
GLOBAL STANDARDS.

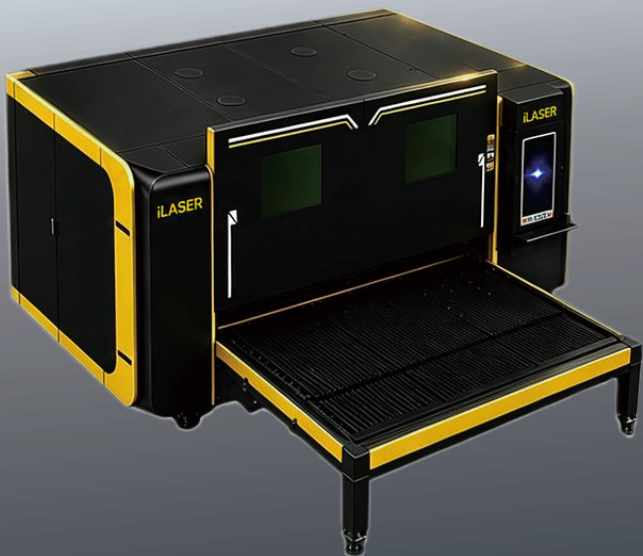
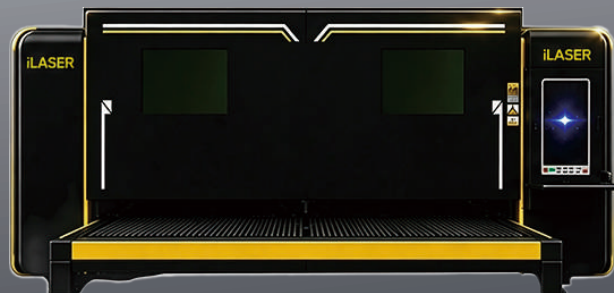
P SERIES

COMPACT PLATE CUTTING MACHINE

The fully enclosed design provides enhanced operator safety by isolating the cutting area from the working environment. Perfectly suited for small space. Ideal for cutting flat sheets with high precision and efficiency.



COMPACT DESIGN FLEXIBLE CONFIGURATION HIGH EFFICIENCY SAFE & RELIABLE



TECHNICAL SPECIFICATIONS

	WORKING AREA	3000*1500mm	CUSTOMIZABLE ACCORDING TO NEEDS
	LASER POWER	3000-12000W	OPTIONAL
	CUTTING SPEED	DEPENDS ON MATERIAL TYPE AND THICKNESS	—
	MAX ACCELERATION	1.2G	—
	CUTTABLE MATERIALS	MILD STEEL, STAINLESS STEEL, ALUMINUM ALLOY, BRASS, COPPER, GALVANIZED SHEET, SILICON STEEL SHEET.	

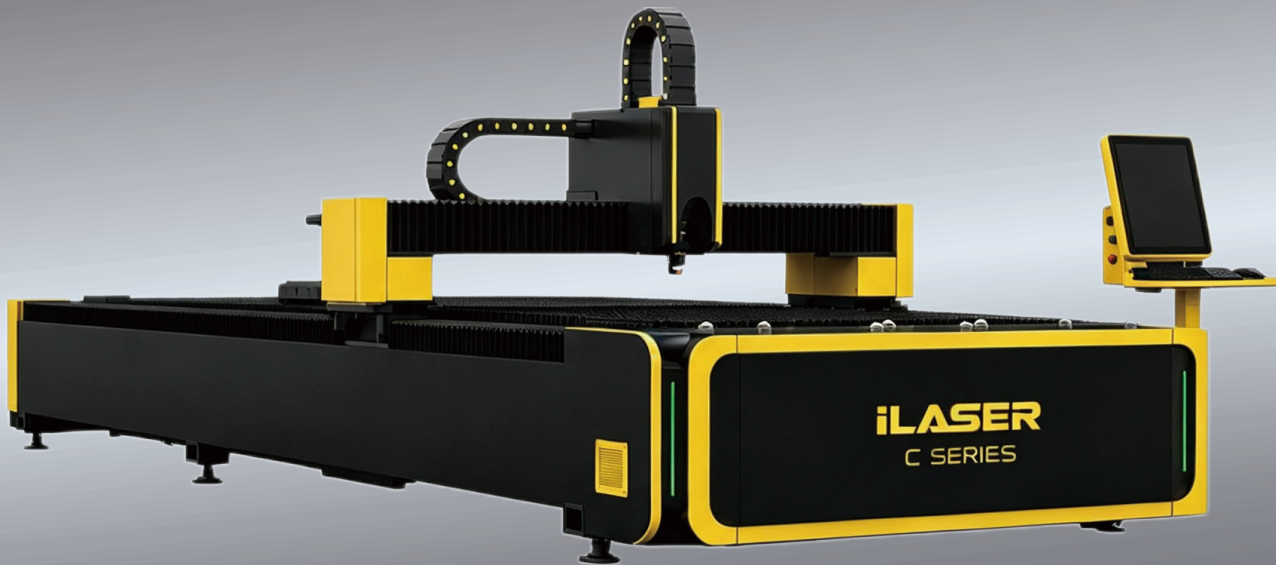
HIGHLIGHTS

- ✓ Compact and space-saving design for small workshops
- ✓ High-precision drive system for superior cutting accuracy
- ✓ Optimized dust extraction for a cleaner working environment
- ✓ Intelligent control system for easy operation and monitoring
- ✓ Support bevel head option for multi-angle cutting
- ✓ Laser-flame hybrid cutting head option for thick plate cutting

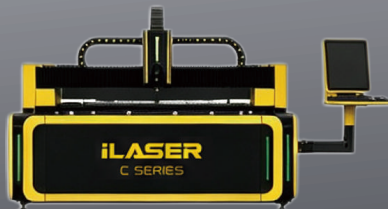
C SERIES

SINGLE TABLE PLATE CUTTING MACHINE

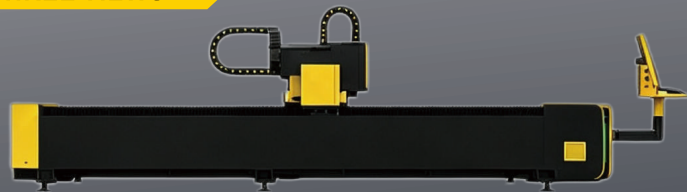
More reliable and cost-effective machine with a smaller footprint, while still delivering high-quality laser cutting performance.



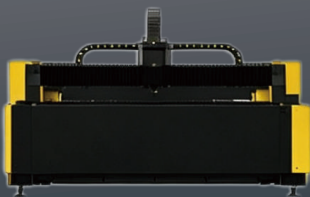
THREE VIEWS



▲ FRONT



▲ SIDE



▲ REAR



Working Area
CAN BE CUSTOMIZED



Max. Positioning Speed
120m/min



Max. Acceleration
1.5G



Laser Power
3000W-12000W



Repeat Positioning Accuracy
±0.02mm



Power Supply
380V / 50Hz / 3Phase

TECHNICAL SPECIFICATIONS

Laser Power (Optional)	3000W-12000W	3000W-12000W	3000W-12000W
Processing Format	3000×1500mm	4000×2000mm	6000×2000mm
X/Y Positioning Accuracy	0.05mm/m	0.05mm/m	0.05mm/m
X/Y Repositioning Accuracy	0.02mm	0.02mm	0.02mm
Max. X/Y Positioning Speed	120m/min	90m/min	80m/min
Max. X/Y Acceleration	1.5G	1G	1G

G SERIES



EXCHANGE TABLE PLATE CUTTING MACHINE

High production efficiency flagship machine. The combination of an exchange table and automatic loading/unloading minimises non-cutting time and machine downtime.



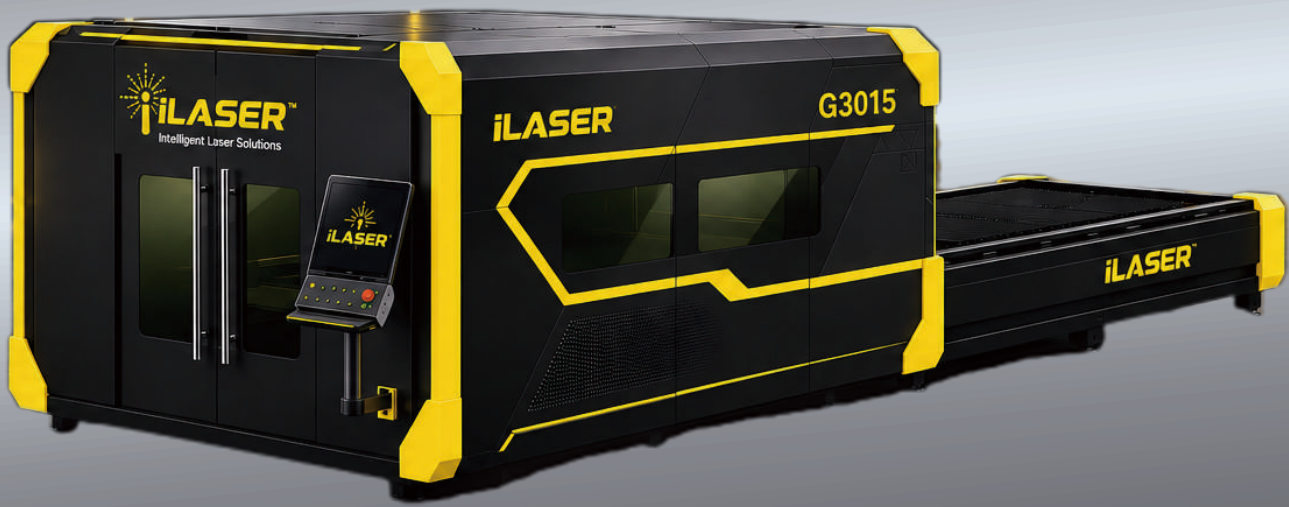
PRECISION



RELIABILITY



PERFORMANCE



G Series Technical Specifications

Laser Power (Optional)	6000W-60000W	6000W-60000W	6000W-60000W	6000W-60000W
Processing Format	3000*1500mm	4000*2000mm	6000*2500mm	8000*2500mm
X/Y Positioning Accuracy	0.03mm/m	0.03mm/m	0.03mm/m	0.03mm/m
X/Y Repositioning Accuracy	0.02mm	0.02mm	0.02mm	0.02mm
Max X/Y Positioning Speed	120m/min	90m/min	80m/min	80m/min
Max X/Y Acceleration	1G	1G	1G	1G

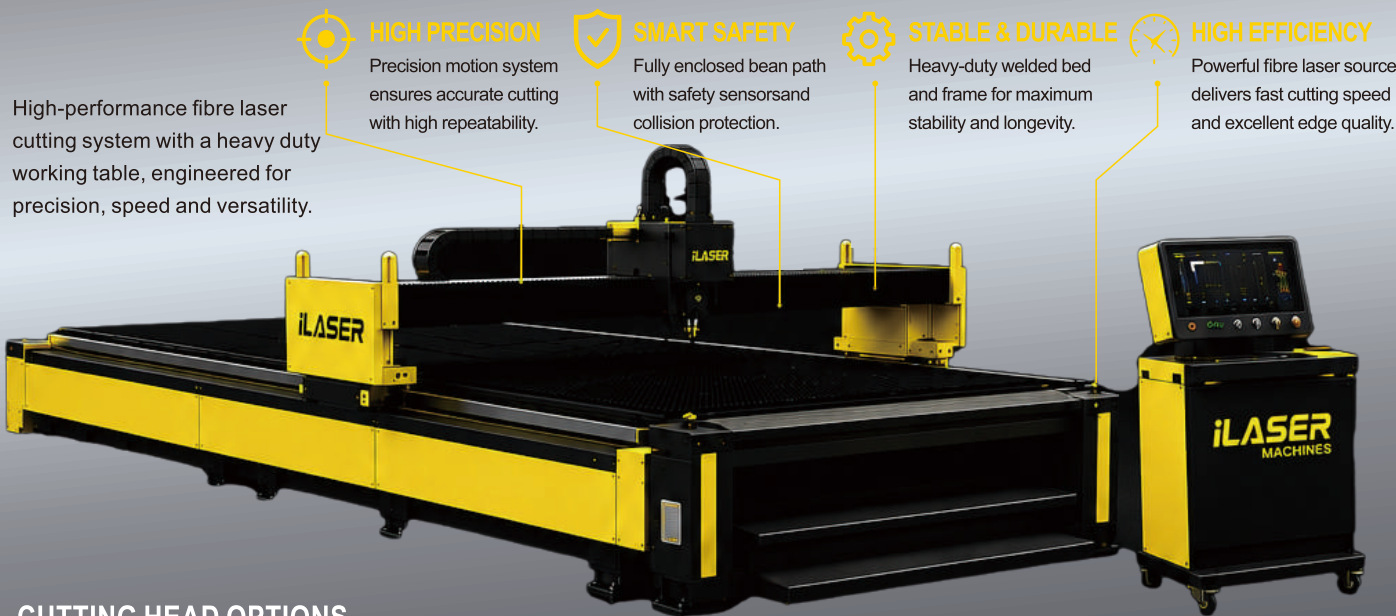
* All data are for reference only, subject to actual cutting performance.

H SERIES



HEAVY-DUTY LASEFCUTTING MACHINE

The H Series is a high-performance fibre laser cutting system designed for heavy-duty applications. With a robust structure, advanced control system and flexible configuration options, it delivers exceptional cutting quality and reliability for demanding production environments.



CUTTING HEAD OPTIONS

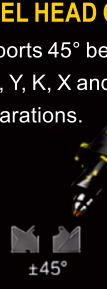
LASER CUTTING HEAD

High precision and high speed cutting for a wide range of metal materials.



BEVEL HEAD CHOICE

Supports 45° bevel cutting for V, Y, K, X and other bevel preparations.



LASER-FLAME HYBRID CUTTING HEAD

Combines laser precision and flame cutting efficiency for thick plate cutting.



RELIABLE PERFORMANCE
Engineered for 24/7 industrial operation.



PROFESSIONAL SUPPORT
Local support and fast response.



PREMIUM QUALITY
Strict quality control for long-term reliability.



COST-EFFECTIVE
Lower operation cost and higher return on investment

TECHNICAL SPECIFICATIONS

Laser Power (Optional)	6000W-30000W
Processing Format	Working bench can be customized. Length from 6 meters to 32 meters.
X/Y Positioning Accuracy	0.03mm/m
X/Y Repositioning Accuracy	0.02mm
Max X/Y Positioning Speed	120m/min
Max X/Y Acceleration	1G

CE VERSION OF H SERIES

HEAVY DUTY PLATE CUTTING MACHINE



The CE version of the H Series plate cutting machine is designed with enhanced safety, electrical protection and machine guarding, providing a higher-specification solution for demanding industrial applications.

Compared with the standard configuration, the CE version incorporates additional safety features such as safety interlocks, emergency stop systems, protective guarding and enhanced electrical safety measures.



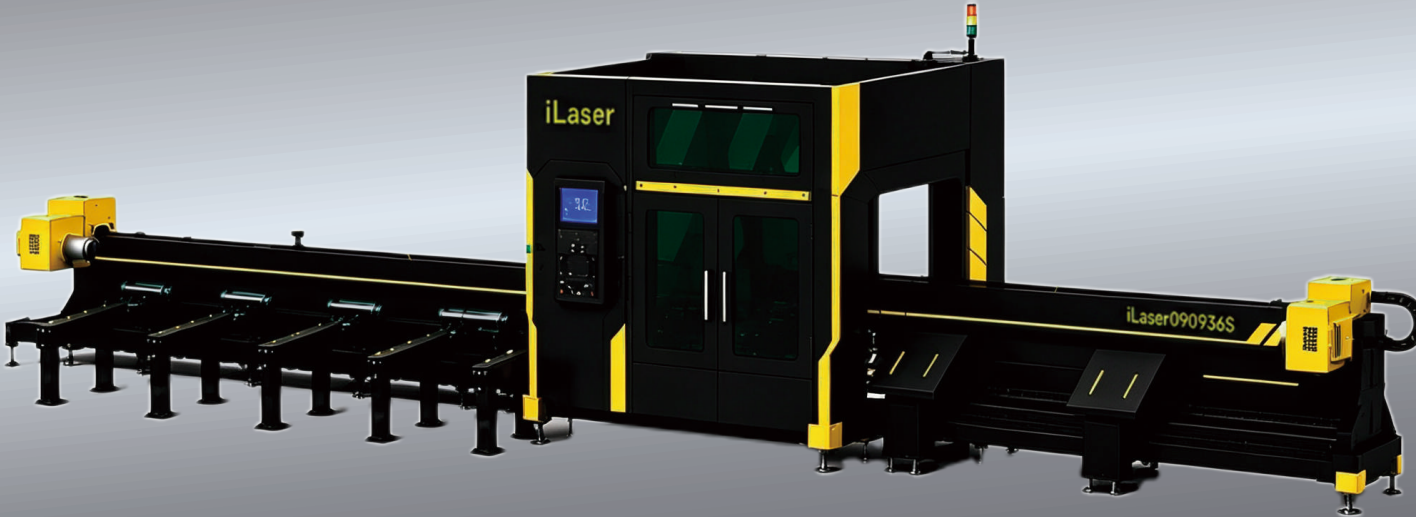
TH SERIES

HEAVEY DUTY TUBE CUTTING MACHINE



The heavy-duty machine structure combined with low gravity is designed to handle large, heavy and thick-wall tubes with excellent rigidity and stability.

Built for Heavy Tubes. Designed for Long Tubes. Optimised for Maximum Material Utilisation.



TECHNICAL SPECIFICATIONS

Processable Pipe Types	○ □ □ □ □ □
Max Chuck Rotation Speed	90r/min
Positioning Accuracy	0.05mm
Repositioning Accuracy	0.03mm
Laser Power	3000W~20000W
Chunk Sizes	240mm, 270mm, 360mm & 520mm
Remnant Pipe Length	0mm
Optional Functions	Bevel Cutting Head Semi-automatic Unloading System

* All data are for reference only, subject to actual cutting performance.

REDESIGNED HIGHLIGHTS



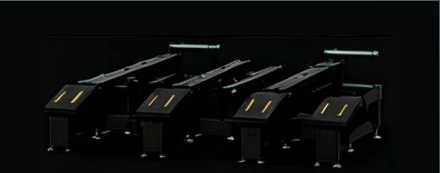
Low Gravity Design



Reinforced Structural Design



- Increases machine stability
- Decreases vibration



- Multi-point fixed supports
- Stable material support, prevents movement or shaking



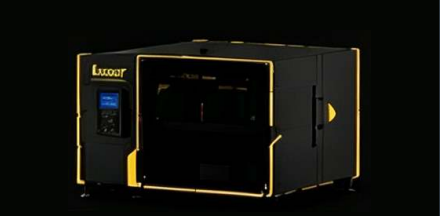
High Precision Chunks



Multiple Safety Protection



- High clamping precision
- Stable and reliable cutting



- Safety interlock + light curtain protection
- Emergency stop + alarm system

T SERIES



TWO CHUCKS TUBE CUTTING MACHINE

Optimized loading structure and clamping system for efficient, stable operation. A redesigned cutting area enhances operator safety and overall machine protection.

MAX CHUNK SIZE
360 mm

MAX CHUNK LENGTH
Up to 6,000 mm

LASER POWER
3,000W - 12,000W



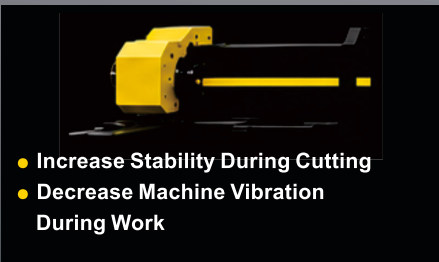
SPECIFICATIONS

Processable Pipe Types	○ ◯ ◻ ◻ ◻ ◻
Max Chuck Rotation Speed	80-120rpm
Positioning Accuracy	0.05 mm
Repositioning Accuracy	0.03 mm
Laser Power	3000W-12000W
Chunk Sizes	120 mm, 240 mm, 270 mm & 360mm
Machine Length	Canbe Customized
Optional Functions	Bevel Cutting Head Automatic Loading System

This machine can be customized

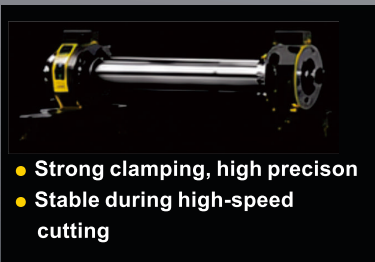
KEY DESIGN HIGHLIGHTS

LOW GARVITY DESIGN



- Increase Stability During Cutting
- Decrease Machine Vibration During Work

MORE POWERFUL CHUNK CLAMPING SYSTEM



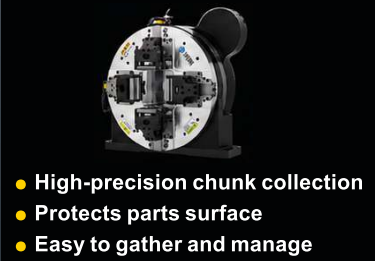
- Strong clamping, high precision
- Stable during high-speed cutting

CUSTOMIZED UNLOADING SYSTEM



- Tailored unloading solutionto match your production needs
- Smooth and efficient material discharge

HIGH PRECISION CHUNK



- High-precision chunk collection
- Protects parts surface
- Easy to gather and manage

TP SERIES



MULTIPLE FUNCTION CUTTING STATION

Flexible workstation configurations to meet different processing requirement. Enable versatile cutting of structural steel, flat sheets and tubes.

iLaser Multiple Cutting Station



Modular Design



Flexible Configuration



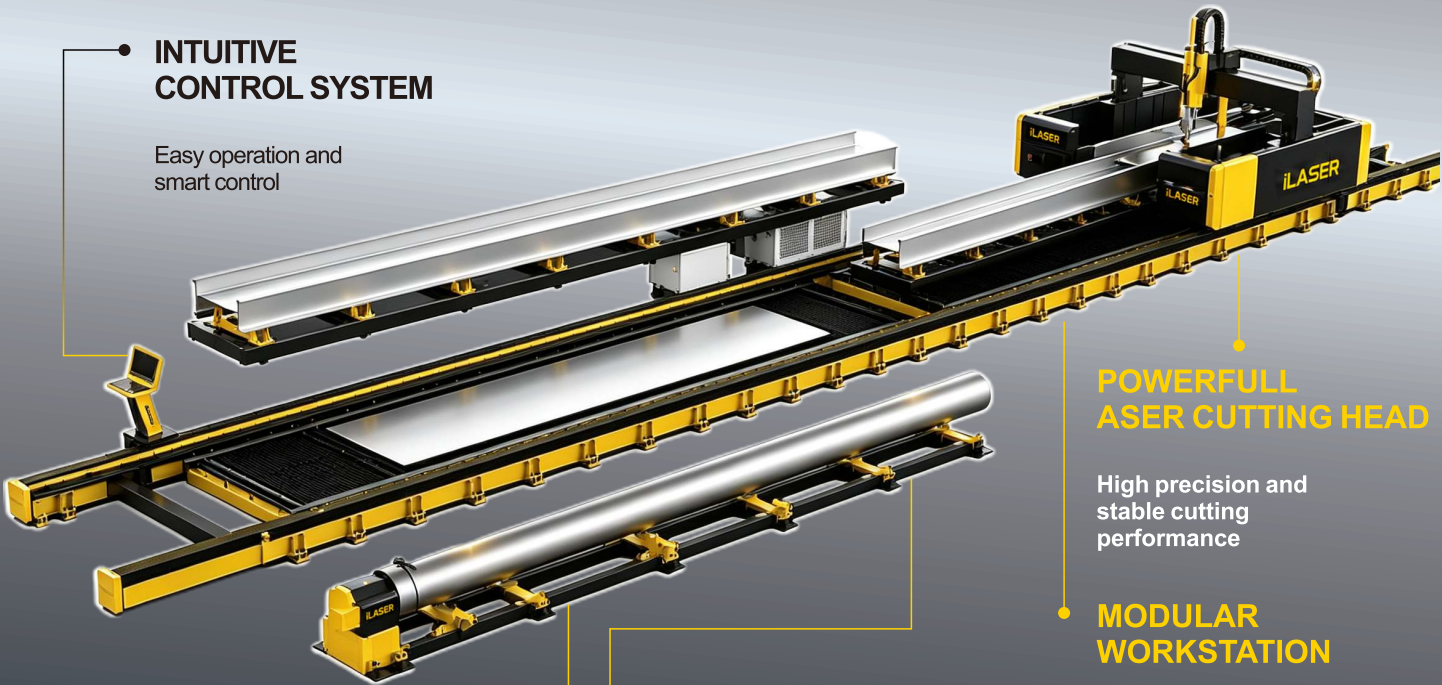
High Efficiency



Sigh & Reliable

INTUITIVE CONTROL SYSTEM

Easy operation and smart control



POWERFULL ASER CUTTING HEAD

High precision and stable cutting performance

MODULAR WORKSTATION

Configurable layouts to suit various materials and production needs

HEAVY-DUTY STRUCTURE

Robust frame for long-term stability and high precision

ROUND TUBE CUTTING SUPPORT

Stable support for round tubes, ensuring accurate cutting



STRUCTURAL STEEL



FLAT SHEET



ROUND TUBE



SQUARE TUBE



MULTIPLE SAFETY PROTECTIONS



EQUIPMENT LAYOUT DIAGRAM (TOP VIEW)



LOADING AREA
(LOW PROFILE)

CUTTING AREA

DISCHARGE AREA
(FLIP-DOWN)