

LONX LASER

OUR VALUES:
CUSTOMER FIRST

Longxin Laser Co., Ltd.

Become a World-Class Intelligent Laser
Equipment Manufacturer

LONX LASER

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Foshan Headquarters: No. 16 Xi'an Road, Danzao Town,
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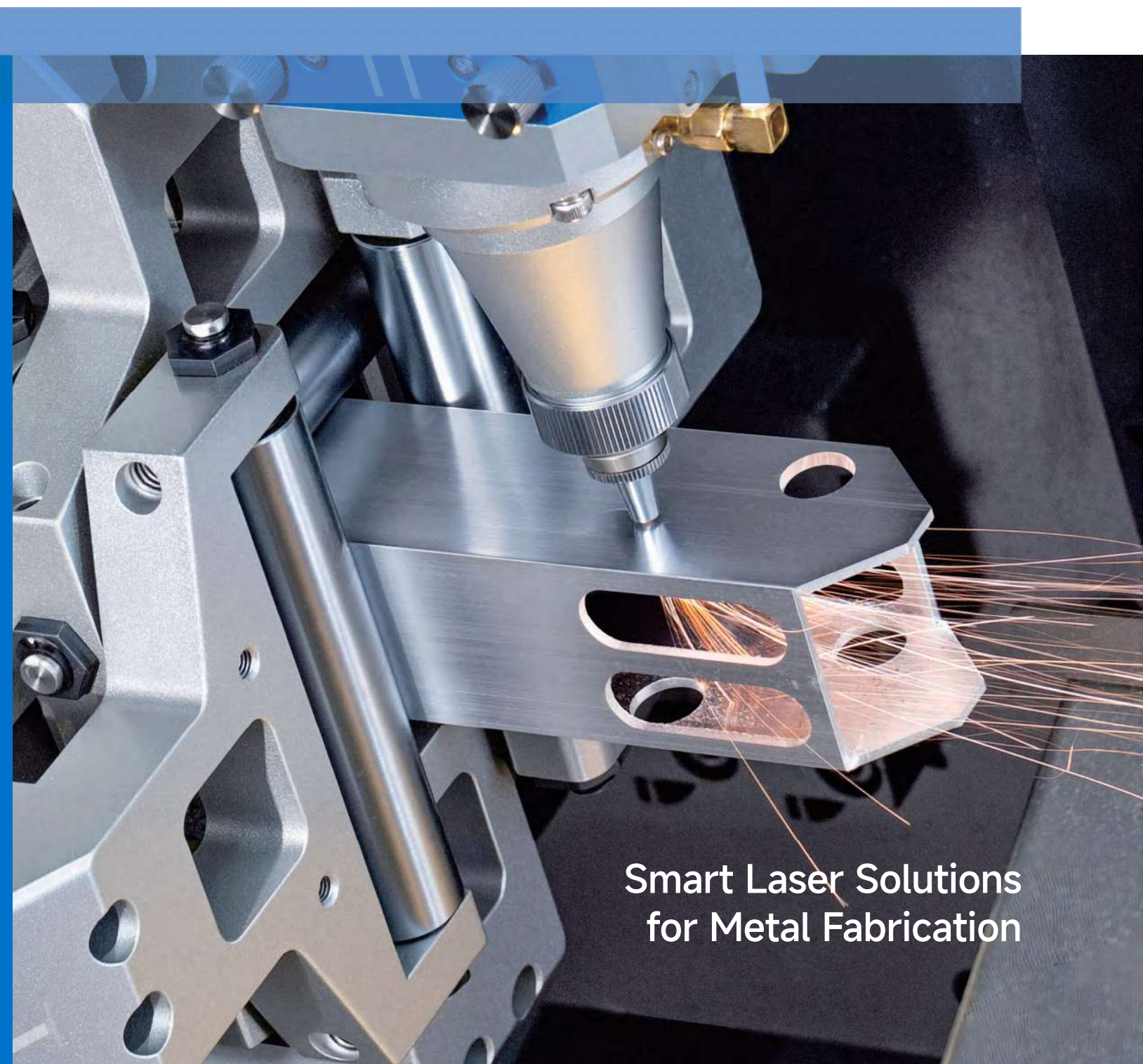
Sanshui Production Base: No. 86 Baijin Avenue, Baini Town,
Sanshui District, Foshan, Guangdong, China

Yangtze River Delta Production Base: No. 1 Fengnan
Road, Xiangcheng District, Suzhou, Jiangsu, China

Jinan Production Base: No. 557 Mingxu Street, Zhangqiu
District, Jinan, Shandong, China



Website



Smart Laser Solutions
for Metal Fabrication

ABOUT LONX

Founded in 2008, LONX (Guangdong) is a national-level “Specialized and Innovative Little Giant” enterprise dedicated to intelligent laser cutting equipment, integrating R&D, manufacturing, and sales.

Driven by technology, LONX focuses on breakthroughs in core technologies by building a professional team and overcoming key challenges such as laser tube cutting control systems, full-stroke chucks, and bevel laser cutting heads. Building on these strengths, LONX is committed to delivering smart laser processing solutions powered by advanced automation and digitalization worldwide.

LONX LASER

VISION

Become a World-Class Intelligent Laser Equipment Manufacturer

MISSION

Make Laser Cutting Simpler and Empower Users to Achieve Greater Success

VALUES

Customer First

LONX SPIRIT

Courage

LONX ETHICS

Integrity | Responsibility | Inclusiveness | Innovation



Global Service Centers

50+



Honors & Awards

100+



Patents & Technologies

230+



Partners

30000+



Countries/Regions Served

100+



Production Bases

4+



Foshan Headquarters



Sanshui Production Base



Yangtze River Delta Production Base



Jinan Production Base

LONX STRENGTH

With over a decade of expertise in laser intelligent manufacturing, LONX has established itself as a leading provider of a full portfolio of laser tube cutting solutions in China. Driven by continuous innovation, LONX has contributed to the development of national standards and achieved breakthroughs in key technologies. Powered by high-precision, high-efficiency equipment, LONX continues to push technological boundaries and pursue excellence—accelerating toward its vision of becoming a world-class intelligent laser equipment provider.



Foshan Workshop



Suzhou Workshop



Jinan Workshop



Sanshui Workshop



Machining Workshop



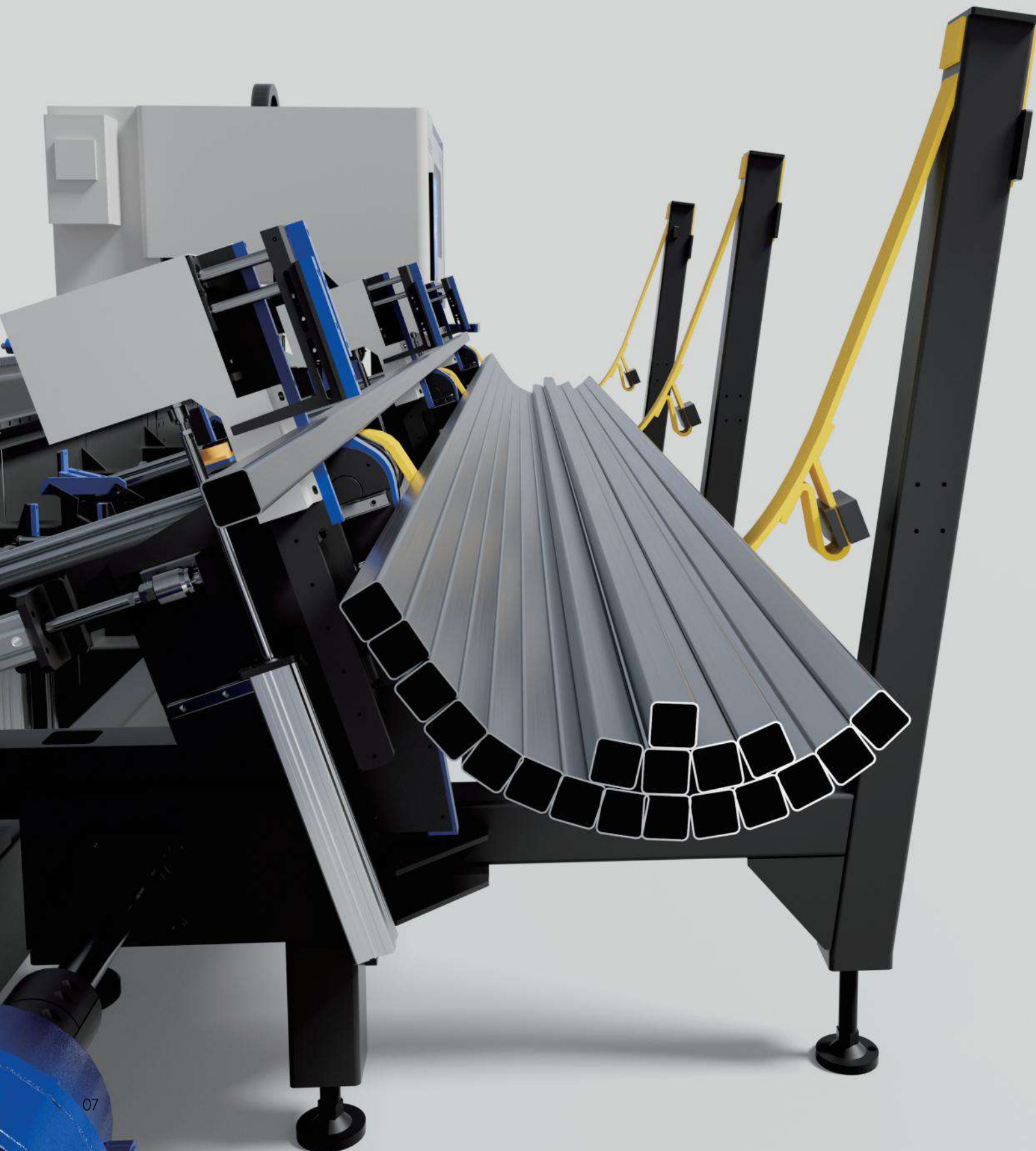
Machining Workshop

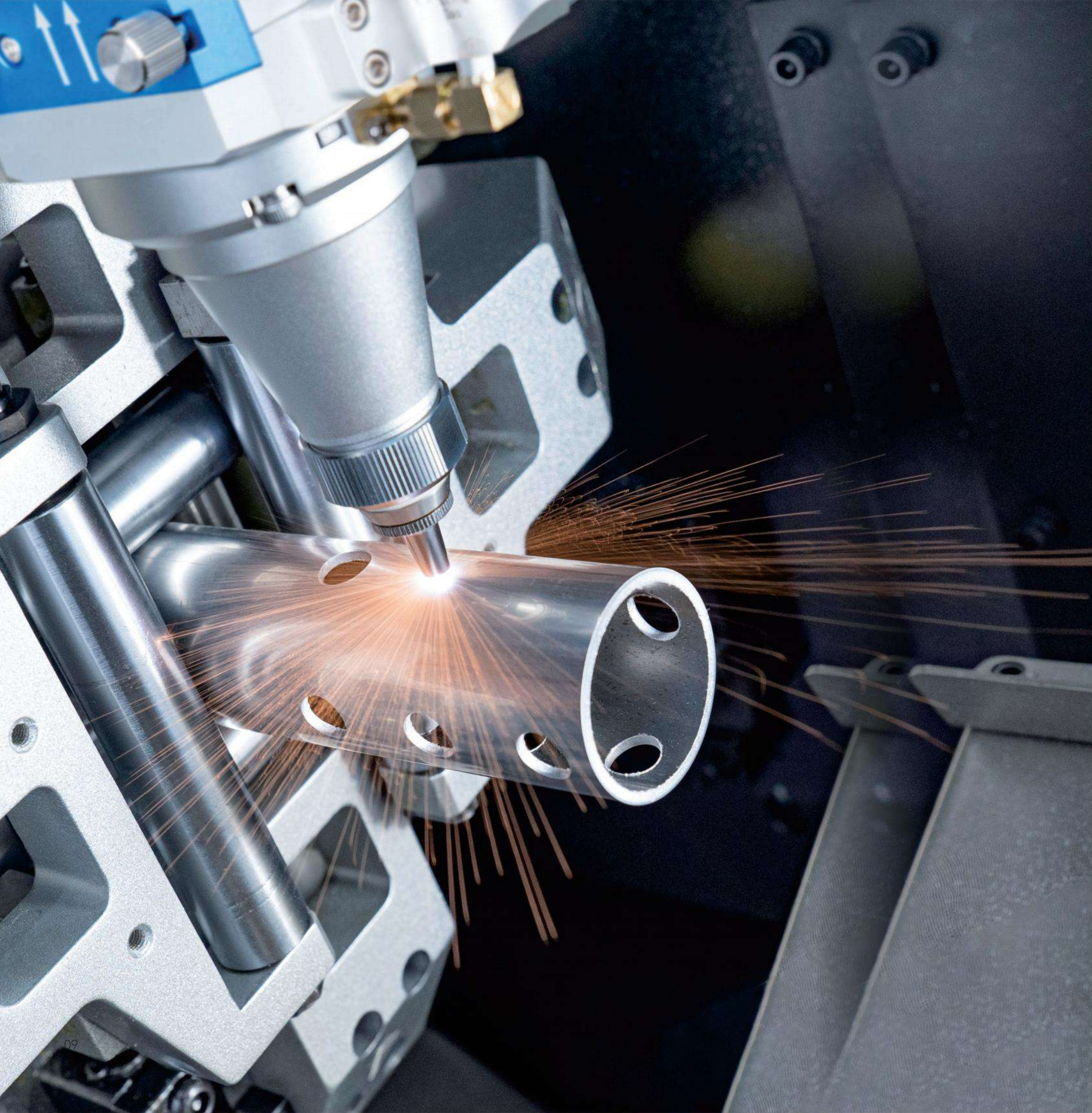
INTELLIGENT SYSTEMS & PATENTED TECHNOLOGIES

Patent Number: ZL 2024 1 0757442.4

Exclusive Loading System · Stable & Reliable

Eliminates jams and downtime caused by multiple or stacked tubes/bars during loading. An innovative push-back sorting mechanism ensures precise single-piece feeding, enabling reliable lights-out and 24/7 operation.





LONX LASER

ULTRA-HIGH-SPEED CUTTING

The LONX tube cutting control system has been deployed in over 5,000 machines worldwide.

LONX has developed a high-speed, high-precision laser motion control system, powered by advanced motion algorithms, optimized structures, multi-axis coordination, and closed-loop feedback, and enhanced by AI-driven control. It achieves acceleration exceeding 2.3G and positioning accuracy of ± 0.01 mm.



Bevel RTCP Intelligent Coordination System

Flexible acceleration/deceleration algorithms combined with RTCP boost processing speed by up to 300%, significantly shortening production cycles. With EtherCAT distributed clock technology, coordinated motion achieves trajectory error compensation with timing accuracy below 1 μ s.

Path Optimization & Smart Leapfrog

The coordinated leap motion algorithm optimizes non-cutting paths, reducing idle time by up to 30%. Real-time tool posture monitoring prevents collisions and ensures continuous machining of complex geometries.



BEVEL CUTTING · SEAMLESS WELDING

Ultra-High Precision & Smooth Edges

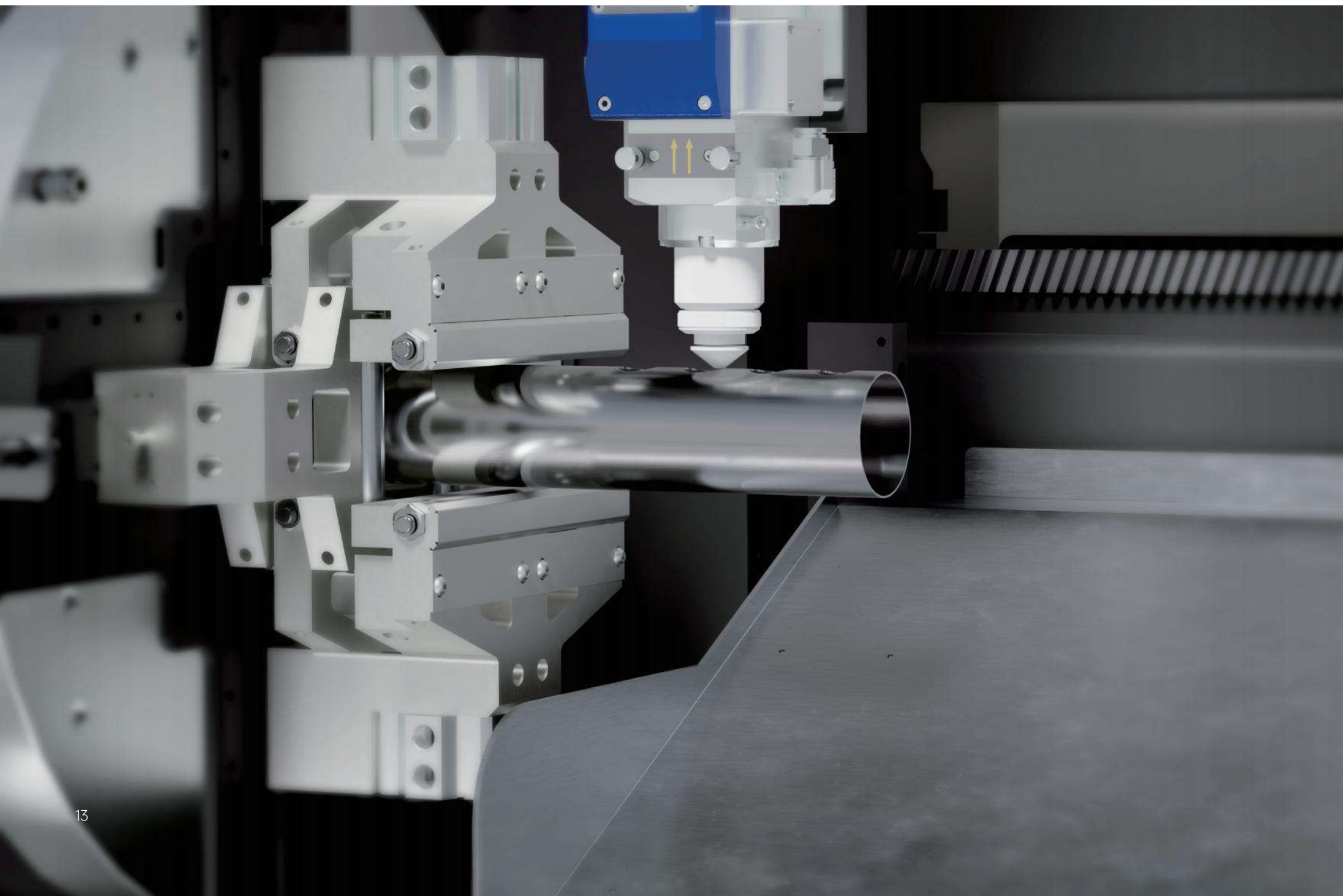
Smooth cut surfaces and precise bevel angles ensure high-precision welding, minimizing post-processing and grinding.

High-Efficiency Processing

Cutting speeds are 3–5 times faster than traditional wire cutting.

SLAG-FREE CUTTING

Dynamic slag removal system removes residual slag in real time during cutting, achieving near-zero residue. With no need for secondary grinding, it is ideal for high-cleanliness applications such as medical devices and precision piping systems.



With Slag



Slag-Free

LONX CHUCK SYSTEM

Independent R&D

Powered by its patented chuck system, LONX is among the few manufacturers in China with in-house chuck development capabilities.

Precision Engineering & High Adaptability

Built with premium materials and advanced processes, the system delivers outstanding durability and precision, adapting seamlessly to a wide range of production needs.

Zero Tail Waste · Flexible & Efficient

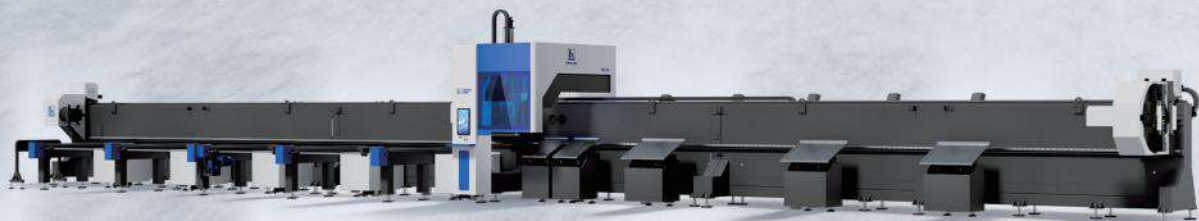
Designed for versatility across multiple applications, it enables zero tail cutting, maximizing material utilization and minimizing costs.

Bevel Laser Tube Cutting Machine (Triple Chuck)

T35 III 12 m Loading/Unloading System



T52 III 12 m Loading/Unloading System

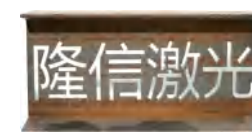


1 Bevel cutting with a three-chuck system ensures stable tube cutting.

2 Movable middle chuck enables zero tail waste under proper nesting conditions.

3 Full-stroke square-hole chucks offer a wider clamping range.

4 Servo-follow support improves precision by preventing tube swing.



T28 III 12 m Loading/Unloading System



T24 III 9 m Loading/Unloading System



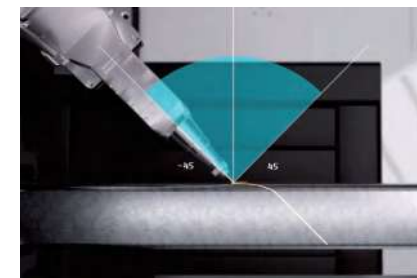
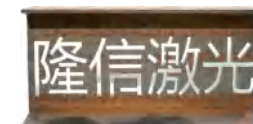
Model	T52 III	T35 III	T28 III	T24 III
Power (W)	3000-12000	3000-12000	3000-12000	3000-12000
Cutting Range (mm)	Φ80-500 □80×80-500×500	Φ40-350 □40×40-350×350	Φ20-280 □20×20-280×280	Φ15-230 □15×15-230×230
Tube Length (mm)	≤12500	≤12500	≤12500	≤12500
Dimensions (mm)	≈28500×3500×3500	≈28500×2850×3400	≈28500×2800×3000	≈28500×2600×3000
Weight (t)	≈24	≈16	≈11.5	≈9.4
Maximum Acceleration (G)	0.4	0.6	1.0	1.2
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.			
Applications	Structural steel, elevators, piping systems, wind power, and other large-tube processing industries.			

Bevel Laser Tube Cutting Machine (Dual Chuck)

T35



- 1 Supports both straight cutting and bevel cutting.
- 2 Automatic bundle loading system for high efficiency.
- 3 Servo-follow support system ensures high cutting precision.
- 4 Full-stroke square-hole chucks provide a wider clamping range.



T28



T24-6



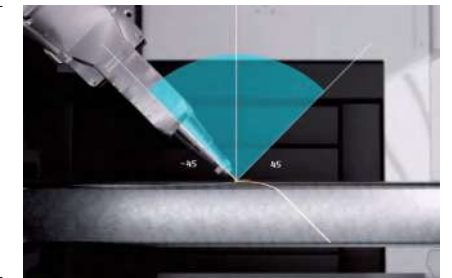
Model	T35	T28	T24-6
Power (W)	3000-12000	3000-12000	3000-12000
Cutting Range (mm)	Φ40-350 □40×40-350×350	Φ20-280 □20×20-280×280	Φ15-230 □15×15-230×230
Tube Length (mm)	5500-6500	5500-6500	5500-6500
Dimensions (mm)	≈10200×2850×3400	≈10000×2800×3000	≈9620×2300×2600
Weight (t)	≈8	≈5.5	≈4.5
Maximum Acceleration (G)	0.6	1.0	1.2
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.		
Applications	Structural steel, elevators, piping systems, wind power, and other large-tube processing industries.		

Bevel Laser Tube Cutting Machine (Dual Chuck)

T16



- 1 High-speed bevel cutting.
- 2 Side-mounted bed for enhanced stability.
- 3 Powerful functionality with a wide application range.
- 4 Zero tail cutting for maximum material utilization.



T12-7



Model	T16	T12-7
Power (W)	1500-3000	1500-3000
Cutting Range (mm)	Ø20-160 □20×20-160×160	Ø20-120 □20×20-120×120
Tube Length (mm)	5500-6500	5500-6500
Dimensions (mm)	≈9550×1800×2150	≈9660×2185×2150
Weight (t)	≈3.8	≈3
Maximum Acceleration (G)	1.0	1.2
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.	
Applications	Structural steel, elevators, piping systems, wind power, and other large-tube processing industries.	

Bevel Laser Tube Cutting Machine (Single Chuck)

T6-6



1 High-speed cutting.

2 Highly flexible with customizable configurations.

3 Cost-effective solution for fully automated production.

4 Ultra-short tail length: ≥ 50 mm.



T9 II



Model	T6-6	T9 II
Power (W)	1500-3000	1500-3000
Cutting Range (mm)	Ø15-65 □15×15-40×40 Diagonal ≤ 65 mm	Ø15-60 □15×15-40×40
Tube Length (mm)	5500-6500	5500-6500
Dimensions (mm)	8900×2260×2000	8955×2305×2037
Weight (t)	≈3.5	≈1.4
Maximum Acceleration (G)	1.5	1.0
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.	
Applications	Structural steel, elevators, piping systems, wind power, and other large-tube processing industries.	

Heavy-Duty Laser Tube Cutting Machine (Triple Chuck)

K35 III 12 m Loading/Unloading System



1 Triple-chuck clamping ensures stable cutting.

2 Zero tail cutting under proper nesting conditions.

3 Full-stroke square-hole chucks for a wider clamping range.

4 Servo-driven follow-up support for high cutting precision.



K24 III 9 m Loading/Unloading System



K28 III 12 m Loading/Unloading System



Model	K35 III	K28 III	K24 III
Power (W)	3000-12000	3000-12000	3000-12000
Cutting Range (mm)	Ø40-350 □40×40-350×350	Ø20-280 □20×20-280×280	Ø15-230 □15×15-230×230
Tube Length (mm)	≤12500	≤12500	≤12500
Dimensions (mm)	≈28500×2850×3400	≈28500×2800×3000	≈28500×2600×3000
Weight (t)	≈16	≈11.5	≈9.4
Maximum Acceleration (G)	0.6	1.0	1.2
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.		
Applications	Structural steel, elevators, piping systems, wind power, and other large-tube processing industries.		

Heavy-Duty Laser Tube Cutting Machine (Dual Chuck)

K35

K26

- 1

Side-mounted integrated bed ensures stable operation.
- 2

Movable front chuck enables ultra-short tail cutting.
- 3

Automatic bundle loading for high efficiency.
- 4

Full-stroke square-hole chuck for a wider clamping range.



K28



K24-6



Model	K35	K28	K26	K24-6
Power (W)	3000-12000	3000-12000	3000-6000	3000-6000
Cutting Range (mm)	Ø40-350 □40×40-350×350	Ø20-280 □20×20-280×280	Ø15-250 □15×15-250×250	Ø15-230 □15×15-230×230
Tube Length (mm)	5500-6000	5500-6500	5500-6500	5500-6500
Dimensions (mm)	≈10200×2850×3400	≈9600×2400×2700	≈9300×2350×2450	≈9800×2200×2350
Weight (t)	≈8	≈5	≈4.2	≈4.4
Maximum Acceleration (G)	0.6	1.0	1.2	1.2
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.			
Applications	Structural steel, elevators, piping systems, wind power, and other large-tube processing industries.			

K9-6



- 1

Two chuck system enables zero tail cutting.
- 2

Servo-driven automatic loading system.
- 3

Clean cutting with minimal slag.
- 4

SmartCut system with real-time technical support.



K12-6



K16-6



Model	K16-6	K12-6	K9-6
Power (W)	1500-6000	1500-3000	1500-3000
Cutting Range (mm)	Ø15-160 □15×15-160×160	Ø15-120 □15×15-120×120	Ø10-90 □10×10-90×90
Tube Length (mm)	4500-6500	4500-6500	4500-6500
Dimensions (mm)	≈9450×2050×2150	≈9400×1955×2150	≈9450×1940×2140
Weight (t)	≈3.3	≈2.7	≈2.75
Maximum Acceleration (G)	1.3	1.5	2.0
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.		
Applications	Automotive components, medical devices, fitness equipment, storage racking, metal furniture, office seating, and metal fabrication.		

Compact High-Speed Laser Tube Cutting Machine

K6-6 (HT)



- 1

Fully enclosed module for dust protection and stable operation.
- 2

Linear motor drive for high speed and low maintenance costs.
- 3

Reduced tube changeover time for higher efficiency.
- 4

Modular design with flexible chuck and system configurations.



K6-6



K6P-6



Model	K6-6	K6-6(HT)	K6P-6
Power (W)	≤3000	≤3000	≤3000
Cutting Range (mm)	Ø10-85 □10×10-60×60 Diagonal ≤ 65 mm	Ø 10-85 □10×10-60×60 Diagonal ≤ 65 mm	Ø 10-85 □10×10-60×60 Diagonal ≤ 65 mm
Tube Length (mm)	5500-6200	5500-6500	4200-6500
Dimensions (mm)	≈8300×2200×2100	≈8900×2260×2000	≈7900×2460×2100
Weight (t)	≈3	≈3.2	≈3
Maximum Acceleration (G)	1.5	1.5	1.5
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.		
Applications	Piping systems, e-bike frames, metal furniture, medical devices and automotive components.		

Multi-Functional Laser Tube Cutting Machine

F9 Cutting + Flow Drilling + Tapping + Marking



- 1 Integrated cutting, flow drilling, tapping, and marking.
- 2 High-speed, high-precision cutting.
- 3 Optional pneumatic / follow-up loading and unloading system.
- 4 Integrated tool magazine with automatic tool changing.



F12 Cutting + Sawing + Marking



F16 Cutting + Flow Drilling + Tapping + Marking



Model	F16	F12	F9
Power (W)	3000-6000	1500-3000	1500-3000
Cutting Range (mm)	Ø15-160 □15×15-160×160	Ø15-120 □15×15-120×120	Ø10-90 □10×10-90×90
Tube Length (mm)	5500-6500	5500-6500	5500-6500
Dimensions (mm)	≈9500×3300×2300	≈9400×2020×2200	≈9400×2417×2360
Weight (t)	≈3.4	≈3.3	≈3.3
Maximum Acceleration (G)	1.0	1.3	1.5
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.		
Applications	Doors & windows, elevators, automotive components and industrial fencing.		

Custom Laser Tube Cutting Machine

GL40/70/90-6

Round Tube Automatic Laser Cutting Machine



- 1

Designed for round tube cutting.
- 2

Cost-effective with ultra-short tail length.
- 3

Supports internal slag removal.
- 4

High-speed, high-precision cutting of ultra-small tubes.



KG120 Round Tube Laser Cutting Machine



FL120/150V1

Fully Automatic Laser Tube Cutting Machine



K3S-6

High-Speed Ultra-Small Tube Laser Cutting Machine



Model	GL40/70/90-6	KG120	FL120/150V1	K3S-6
Power (W)	1000-3000	1000-3000	1000-3000	≤2000 (Standard: 1500)
Cutting Range (mm)	Ø10-40 / 10-68 / 10-85	Ø16-118	Ø16-118 / 16-145	Ø1.5-25 □1.5×1.5-17×17
Tube Length (mm)	≤6200	≤6500	≤6500	≤3000
Dimensions (mm)	≈9450×1330×1590	≈9750×1986×1635	≈9340×1560×1610	≈4350×1110×1600
Weight (t)	≈1.3	≈4	≈4	≈1.4
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.			
Applications	Piping systems, e-bike frames, metal furniture, e-cigarettes, medical devices and precision manufacturing.			

H100

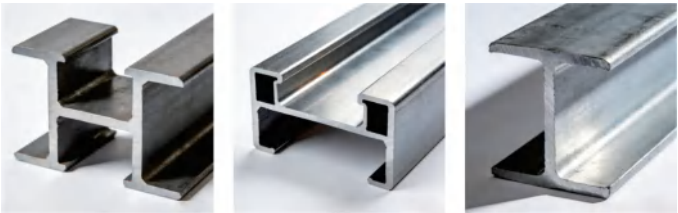


- 1

Rotary laser cutting designed for heavy-duty tubes and structural steel.
- 2

Supports both straight cutting and bevel cutting.
- 3

High clamping force ensures enhanced tube stability.



H65



Model	H100	H65
Power (W)	6000-20000	6000-20000
Cutting Range (mm)	Ø150-1000mm □150×150-850×850mm I-Beam, H-Beam, Channel Steel: 10#-85#	Ø100-650mm □100×100-650×650mm I-Beam, H-Beam, Channel Steel: 10#-65#
Tube Length (mm)	12000	12000
Dimensions (mm)	≈23195×4135×4000	≈30425×4060×3020
Weight (t)	≈13.5	≈9
Maximum Acceleration (G)	0.2	0.2
Cutting Materials	Carbon steel, stainless steel, aluminum alloy, copper, copper alloys, titanium alloy, galvanized steel tubes.	
Applications	Construction, bridges, heavy machinery, structural steel and metal fabrication.	



CUSTOMER-CENTERED CUSTOMER FIRST

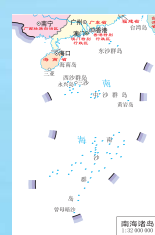
From understanding customer needs to delivering actionable solutions, we provide standardized services tailored to each customer—solving real-world challenges and building lasting trust.

Domestic Service Centers

30+

Cities & Regions Served

300+



SERVICE & COMMITMENT

Pre-Sales Service

- Technical Consultation
- Sample Testing
- Site Assessment
- Model Selection

In-Sales Service

- Installation Guidance
- Operation Training
- Maintenance Training
- Technical Support
- Installation & Commissioning

After-Sales Service

LONX provides a one-year free warranty for the entire machine. After the warranty period, lifetime maintenance service is available. Comprehensive software and hardware support continues beyond the warranty, with lifetime free upgrades.

- Technical response within 1 hour
- On-site service within 4 hours (Foshan)
- On-site service within 12 hours (Pearl River Delta)
- On-site service within 48 hours (China)
- Lifetime free upgrades
- Lifetime maintenance support



Global Service Network

LONX LASER



Within China

- 1 4 Headquarters & Production Bases (Foshan Nanhai / Sanshui, Jiangsu, Jinan)
- 2 30+ Sales & Service Centers
- 3 200+ After-Sales Service Personnel

Overseas

- 1 10+ Global Subsidiaries (Türkiye, Vietnam, South Korea, Brazil, Thailand, Mexico, Malaysia, and beyond)
- 2 50+ Global Service Centers



Mexico Subsidiary



Brazil Subsidiary



Turkey Subsidiary



Korean Subsidiary



Northern Vietnam Subsidiary Southern Vietnam Subsidiary

CUSTOMER FIRST

Trusted by 10,000+ mid-to-high-end brands.

LONX LASER

Industries & Brands Served

 比亚迪汽车	 富士康科技集团	 美的
 北海道丸一興業株式会社	 箭牌卫浴	 联塑
 汉秀尼	 豪爵	 钢立
 班尼戈	 康帕斯	 babytrend
 冀尚	 科德智能	 凯迪电器
 万维科技	 SHIDEZI 上海·世德子	 小出钢管株式会社
 德威	 华捷	 双兴集团
 力常	 华烨集团	 保格利

E-Bikes & Auto Parts

 爱玛	 小刀	 宝岛
 大连近江	 大力牛魔王	 统联科技
 环速	 搏技	 天津智博电动车有限公司
 威马斯车业	 天津众意	 捷比
 宁波晨帆汽车附件有限公司	 南京江凯汽车零部件有限公司	 捷云
 天津坤硕科技	 无锡弘晟汽车零部件有限公司	 无锡市洛社镇杨市志强车辆配件厂
 天津金爱迪科技有限公司	 天津欧盛迪科技	 津利达(天津)智能科技发展有限公司
 齐丰	 万利新能源科技	 飞腾机械

Furniture

 博贝(宁波)家居	 合泰家居用品	 格雅家居
 合泰家居用品	 优坐	 乐江
 坚朗	 三强家具	 Lashin
 德锐户外家具	 宏光办公家具	 三强家具
 河南花都集团	 宏信	 联祥家具
 洛阳苏博特家具有限公司	 瑞新办公家具	 达品居
 思尊	 卓恒家具	 伟盛家居
 尚美	 漳州市莱弗家具有限公司	 青州市琦韵家具有限公司

Hardware Products

 雅虎	 粤精艺	 浙江双友物流器械
 莱特气弹簧	 奥德家具配件	 永利达金属制品
 九隆五金	 鑫西机械	 祥业金属
 国升五金制品	 旭沛金属	 无锡飞杰
 优吉亚机械	 洛安	 洛阳云飞金属制品厂
Medical Devices		
 邦强	 巨贸	 地隆
 江门市嘉美医疗器械有限公司	 开洋	 大洋医疗科技