

S Series, Professional Dual-Chuck Tube Laser Cutting Machine



Start next-level cutting with intelligent dual-chuck mastery.



MINIMAL WASTE FOR MAXIMUM VALUE

Maximize material usage with ultra-short tail cutting—more value per job.



HIGH-SPEED CUTTING, STABLE PERFORMANCE

Reach cutting speeds of 200r/min with precise, stable operation throughout.



SMART, EASY OPERATION

Streamlined processing with minimal manual intervention.

S-Loader Assist Device

Reduces manual labor, simplifies loading

S-Trans Auto Loader Device

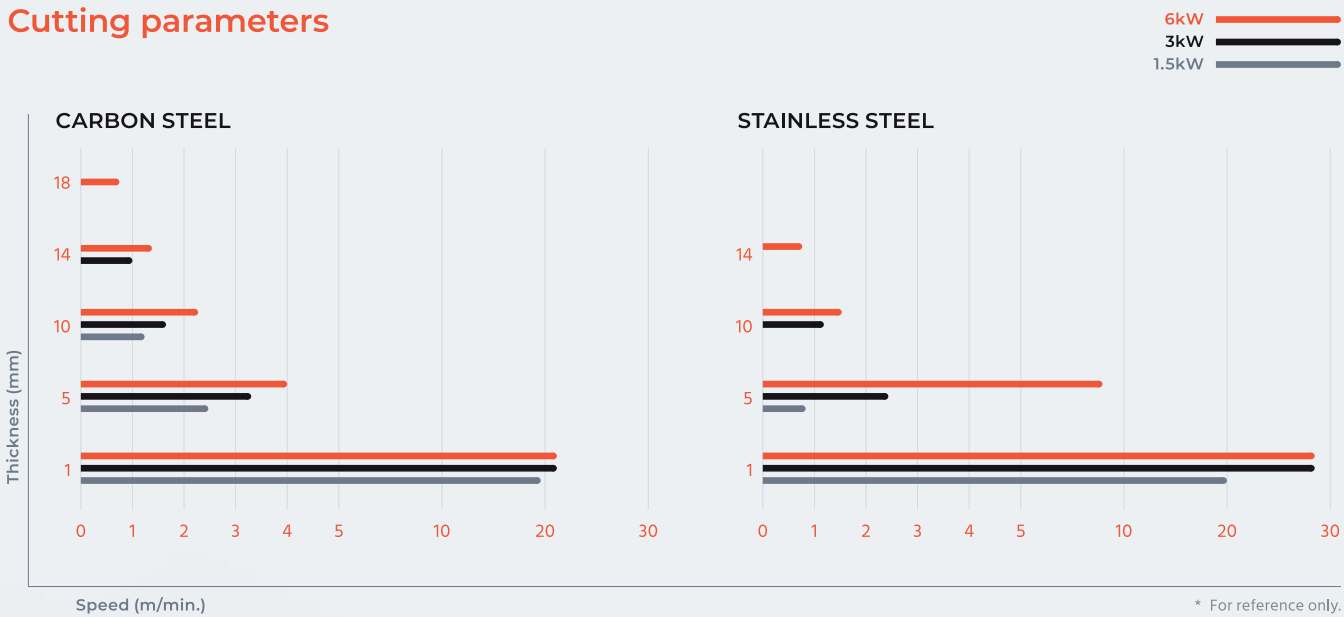
Streamlines batch processing, saves time

Technical specifications

	S1	S2
LASER POWER (kW)	1.5 / 3 / 6	1.5 / 3 / 6
TUBE SIZE RANGE (mm)	Φ6~Φ120 □6~□110	Φ8~Φ230 □8~□230
MAXIMUM TUBE LENGTH (mm)	6500	6500
MAXIMUM TUBE WEIGHT (kg)	80kg	300kg 46kg/m
MAX. CHUCK ROTATING SPEED (r/min)	200	125
MAX. ACCELERATION (G)	1.5	1

* For complete details, please reach out to our sales team at sales@bodor.com.

Cutting parameters



Cutting samples



Dual-Chuck Intelligent Processing

Advanced chuck mobility allows the laser head to operate between both chucks, delivering stable performance and consistent quality.

Exceptional Dynamic Performance

Featuring a powerful 200r/min rotational speed, the S Series outperforms competitors in dynamic cutting speed.

One-Click Drawing, Minimal Manual Effort

The built-in auto-drawing function automatically converts the uploaded images into 3D models-start cutting with just one click.

Bevel Cutting

Clean, angled cuts ready for welding—no secondary grinding required

Ultra-Short Tail Cutting

The rear chuck clamps the final section of the tube for ultra-close cutting, reducing tail waste to just 40mm, increasing material utilization.

Dual-Zone Servo Support System

Full-servo support keeps the tube steady, ensuring uniform accuracy throughout the cutting process.

One-Second Centering, Instant Cutting

Delivers high centering accuracy with excellent adaptability—unaffected by oil, rust, or surface conditions.

Weld Seam Recognition

AI-powered system precisely identifies weld seams, allowing intelligent path adjustment and cutting avoidance.



Global No.1 in Sales Volume for 6 Years

2019 – 2024

Bodor has consistently held the top position in global sales volume of laser cutting machines with 1000W and above power for six consecutive years. In 2025, we are poised to continue our upward trajectory, solidifying our position as a market leader and surpassing our previous achievements.



5 Years of Premium Warranty

For three Bodor core components

Bodor's integrated approach reduces failure rates, ensuring quality in transportation, delivery, and maintenance of three Bodor core laser components. Simplified operation, adjustment, and maintenance streamline processes, while expert machine setup and training facilitate smooth equipment adaptation for customers.

BodorThinker

Control System

BodorPower

Laser Source

BodorGenius

Laser Head



Streamline your integration and quality assurance.

INTEGRATED PRODUCTION

Unified origin for stable and efficient quality

INTEGRATED DESIGN

High industrial integration, perfect system compatibility

INTEGRATED TESTING

Rigorously tested for ultimate performance

INTEGRATED DELIVERY

Package and shipped as a whole for enhanced quality

bodor



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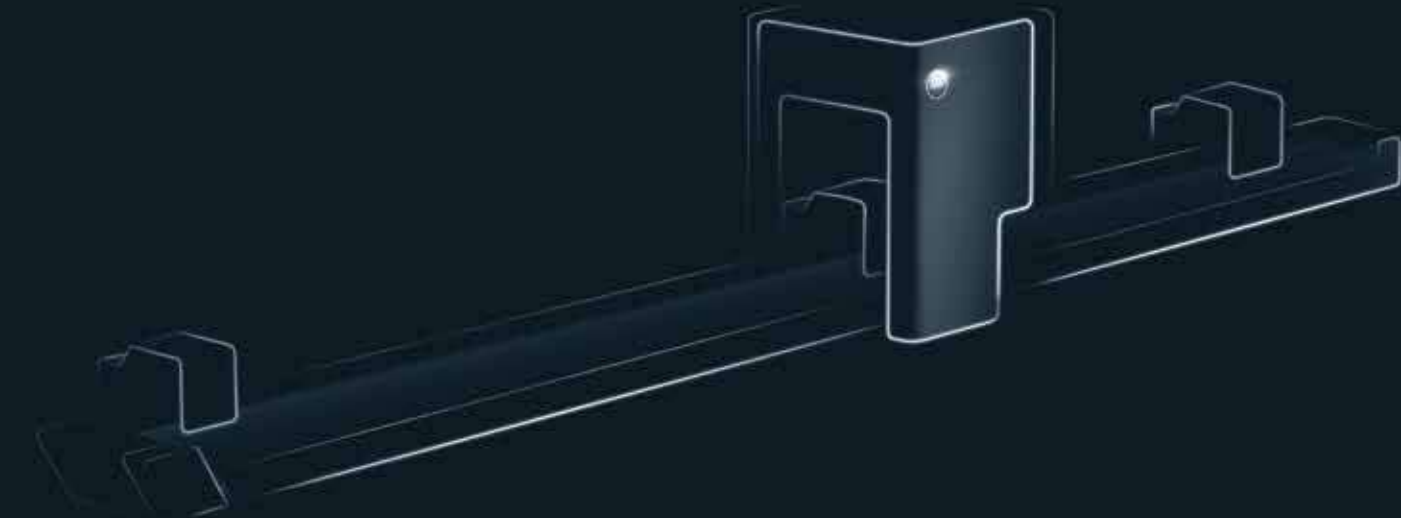
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Global No.1

FOR 6 YEARS IN A ROW



bodor | No.1

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