K Series, Entry-Level Tube Laser Cutting Machine

The economical choice for precise tube processing. Experience excellent performance with huge savings.



Cut costs, not quality.

DIVERSIFICATION OF MODELS

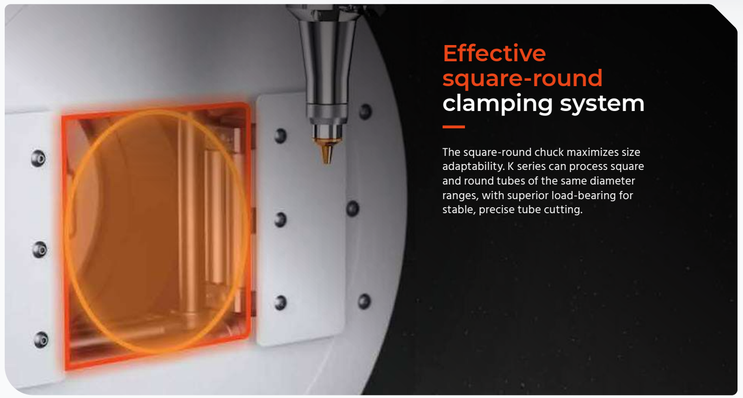
As a popular choice for tube cutting, the K series lineup offers a versatile selection of models and types to meet a range of needs. Whether you are in fabrication, manufacturing, or creative design, our diverse lineup ensures there is a perfect fit for your specific requirements.

EASE OF OPERATION

The K series provides excellent accessibility to all working areas, ensuring maximum operating convenience on-site.

ECONOMICAL CHOICE

The K series equipment proves to be an economical choice for businesses by reducing the initial investment and operating costs for tube processing.



Effective square-round clamping system

The square-round chuck maximizes size adaptability. K series can process square and round tubes of the same diameter ranges, with superior load-bearing for stable, precise tube cutting.



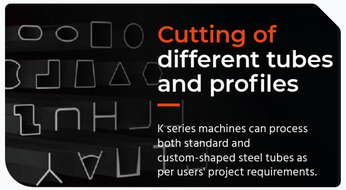
Intelligent chuck

The system of K series' pneumatic chucks finishes clamping in 2 seconds and reduces scrap to limit waste.



BodorNest tube

The system works with a diverse range of tube materials, allowing users to customize cutting layouts based on different fabrication needs.



Cutting of different tubes and profiles

K series machines can process both standard and custom-shaped steel tubes as per users' project requirements.



Edge collision prevention

For rectangular or square tube cutting, the function calculates corner rotation radius, thus avoiding collisions and protecting the laser head.

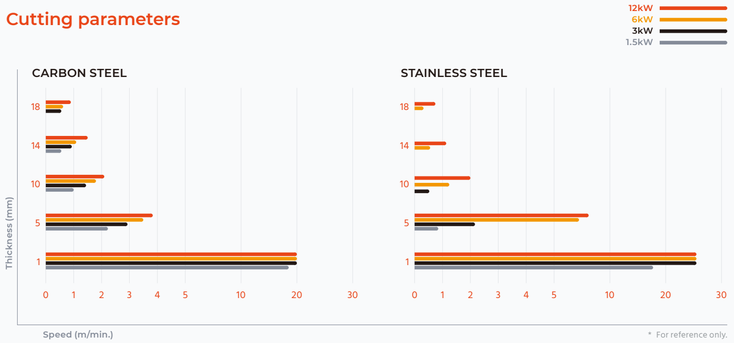
* Certain functions or components mentioned in this document are optional and may not be included in the standard version of the product.

Technical specifications

	K0	K1(PLUS)	K2	K3	K5
LASER POWER	1.5kW / 3kW	1.5kW / 3kW	1.5kW / 3kW / 6kW	3kW / 6kW	6kW / 12kW
TUBE SIZE RANGE	Φ6mm~Φ90mm □6mm~□90mm	Φ6mm~Φ120mm(160mm) □6mm~□110mm(160mm)	Φ8mm~Φ230mm □8mm~□230mm	Φ25mm~Φ356mm □25mm~□356mm	Φ150mm~Φ500mm □150mm~□500mm
MAXIMUM TUBE LENGTH	6500mm	6500mm	6500mm/9200mm	6500mm/9200mm/ 12000mm	12000mm
MAXIMUM TUBE WEIGHT	70kg	80kg(200kg)	300kg	500kg	1200kg
X/Y-AXIS POSITIONING ACCURACY	0.05mm/m	0.05mm/m	0.05mm/m	0.05mm/m	±0.05mm/m
X/Y-AXIS REPOSITIONING ACCURACY	0.03mm	0.03mm	0.03mm	0.03mm	±0.03mm

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

Cutting parameters



* For reference only.

Cutting samples

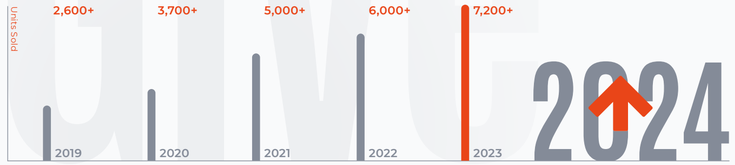




World's No.1 in Sales Volume for 5 Years

2019 – 2023

Bodor has consistently held the top position in global sales volume of laser cutting machines with 1000W and above power for five consecutive years. In 2024, 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

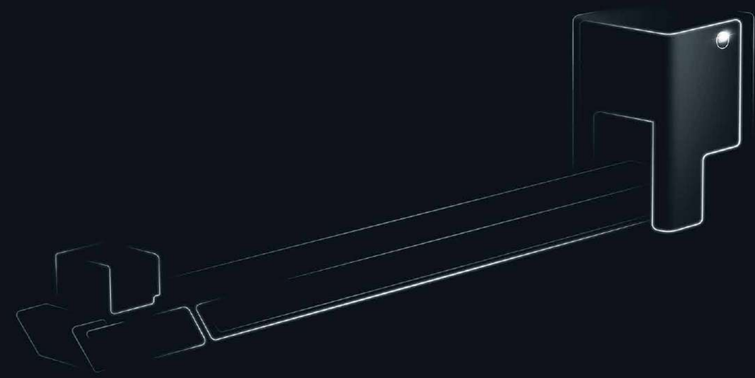
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K Series

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5 Years of Warranty | WORLD NO.1 FOR 5 YEARS IN A ROW

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