

A Series, Entry-level Sheet Metal Fiber Laser Cutting Machine

Keep your business advancing with the laser cutting technology with Bodor A series designed for lowering metal processing costs and easy operation. It is the perfect choice for businesses looking to optimize metal cutting methods.



The reliable choice for lower costs with easy operation

COST-EFFICIENCY

Lowers the initial investment and operation costs for laser cutting, making it an economical choice for businesses.

HIGH-SPEED CUTTING

1.5G of acceleration and lightweight and strong structure design substantially ensure efficiency and value creation per second.

EASY OPERATION

Intuitive controls and smart features simplify laser cutting operation and maintenance, making it accessible and efficient for all skill levels.

DIVERSE POWER AND SIZE OPTIONS

The A series caters to different business needs and project scales, offering power options from 1.5kW to 60kW and size variations ranging from 3048mm x 1524mm to 14000mm x 3100mm.

Cutting parameter AutoMatch

This function makes every user a "cutting master" by guiding you through parameter adjustments with ease.

Neat and orderly cable harness

Our careful cable assembly guarantee a clear separation of power levels to reduce interference.

Active obstacle avoidance system

BodorGenius uses sensors and algorithms to detect potential obstacles like tilting parts and automatically avoids a potential collision.

Anti-burning mineral casting plate

The modular anti-burning mineral casting plate auto-separates slag for lower maintenance, and offers durable, easy-to-replace benefits.

Remnant layout

With uploaded pictures, the machine can automatically finish positioning and nesting, achieving material utilization rate at maximum.

Nesting software compatible with Tekla

Bodor's nesting software is compatible with Tekla. This combo together simplifies cutting processes with intelligent material utilization.

Modular machine worktable

The modular machine worktable allows you to replace or repair the specific part. This can lead to significant maintenance cost savings over time.

Rich configuration options

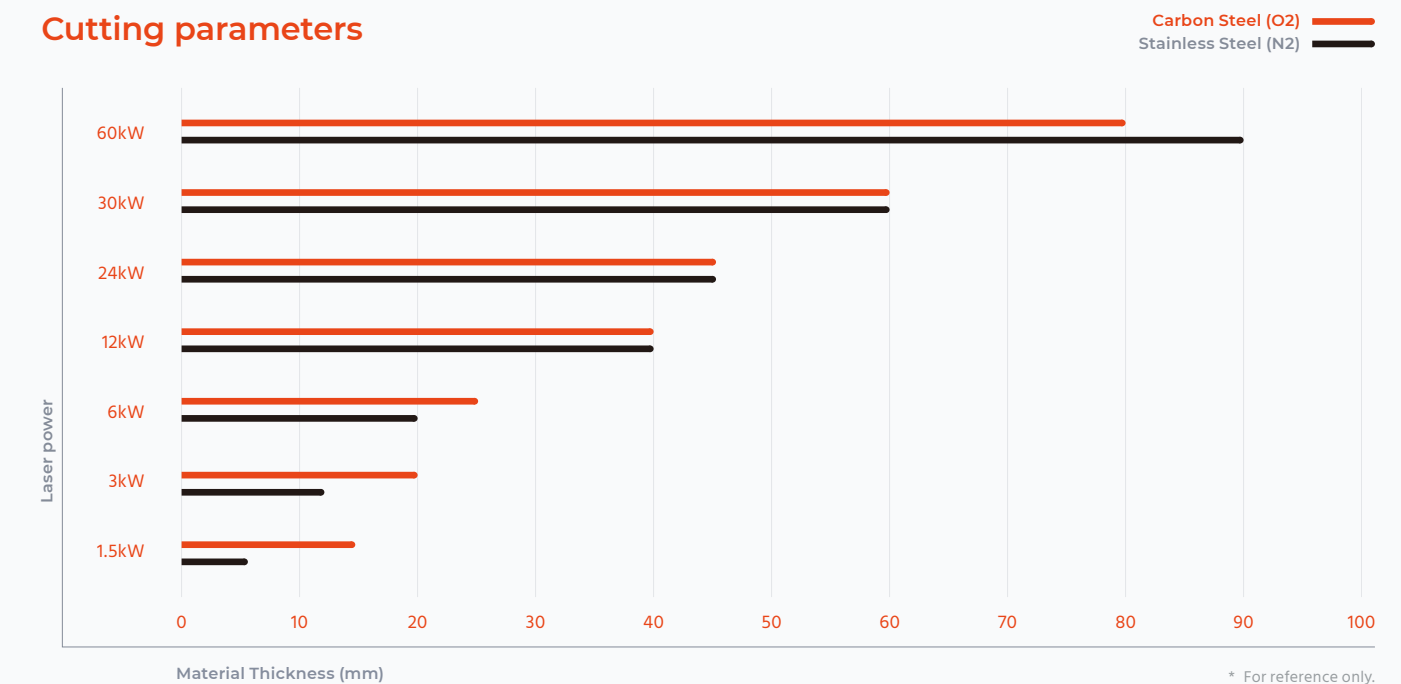
With our wide range of optional features and functions, you can customize your laser to fit your needs.

Technical specifications

	A3	A4	A4 PLUS	A6	A6 PLUS	A8	A12	A14
WORKING AREA (mm)	10'x5'	13.1'x5'	13.1'x6.5'	20'x5'	20'x8.2'	26.4'x8.2'	41'x8.5'	46'x10.1'
LASER POWER	1.5/3/6kW	1.5/3/6kW	1.5/3/6kW	1.5/3/6/12kW	3/6/12kW	6/12/24kW	6/12/24/30/60kW	12/24/30/60kW
POSITIONING ACCURACY (mm/m)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	±0.03
RE-POSITIONING ACCURACY (mm)	±0.03	±0.03	±0.03	±0.03	±0.03	±0.03	±0.03	±0.02
MAX. ACCELERATION	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G
MAX. LINKAGE SPEED (m/min)	100	100	100	100	100	100	100	100

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

Cutting parameters



Cutting samples



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



World's 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



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5 Years of Warranty

WORLD NO.1 FOR 6 YEARS IN A ROW

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