

CT Series, Combo Sheet & Tube Laser Cutting Machine with the Protective Cover

The Bodor CT series can process both sheet metal and tubes, meeting a variety of processing needs. Its high efficiency and cost-effectiveness make it a powerful tool in the field of metal cutting.



One smart investment for diverse metal processing needs

DUAL CUTTING CAPABILITY
Seamlessly switch between sheet and tube cutting, offering unmatched flexibility in metal processing.

COST-EFFECTIVENESS
CT Series offers a great balance of price and performance, maximizing return on investment.

CUTTING WITH PRECISION
Advanced technology ensures accurate and high-quality cuts.

USER-FRIENDLY OPERATION
Features like one-click processing and smart remnant layout make it easy to operate, reducing labor intensity.

ALL-AROUND PROTECTION
Its comprehensive design and laser protective glass ensure safety for operators.

Active obstacle avoidance system

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

One-click processing

Completes edge searching, range checking, and metal cutting in one go.

Anti-burning mineral casting

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

Lightning piercing

The technology offers rapid, precise piercing with reduced time. It features monitored processes for efficiency, focus adjustment for seamless piercing, and integration with BodorGenius.

Self-centering pneumatic chuck

The self-centering pneumatic chucks finish clamping in 2 seconds and reduces scrap to limit waste.

Intelligent 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.

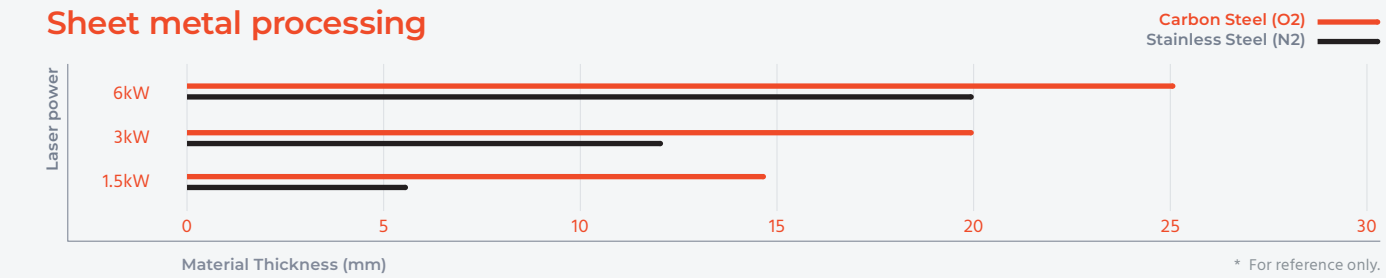
Technical specifications

C3T

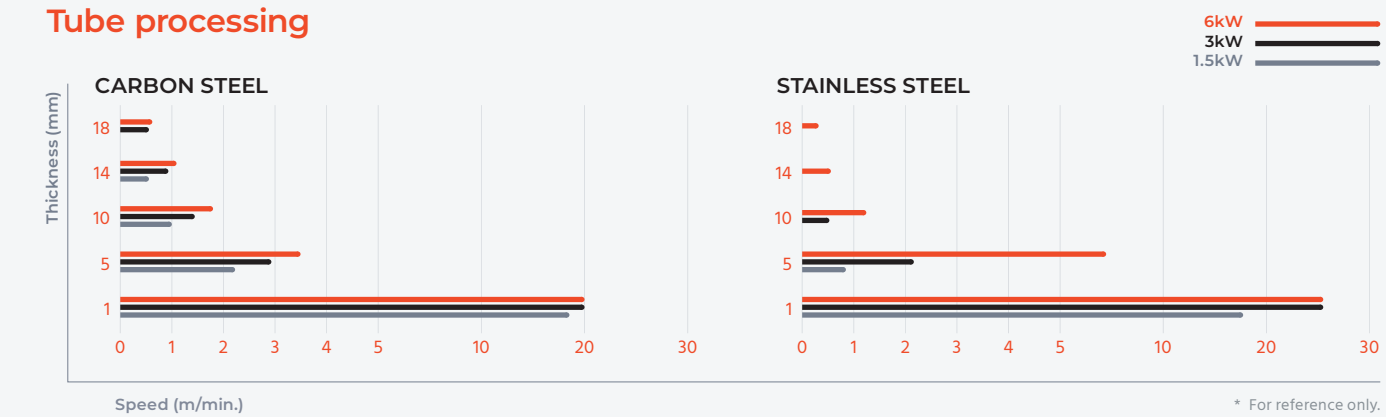
WORKING AREA (mm)	3048x1524
LASER POWER	1.5/3/6kW
POSITIONING ACCURACY (mm/m)	±0.05
RE-POSITIONING ACCURACY (mm)	±0.03
MAX. ACCELERATION	1.0G
MAX. LINKAGE SPEED (m/min)	100

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

Sheet metal processing



Tube processing



Cutting samples

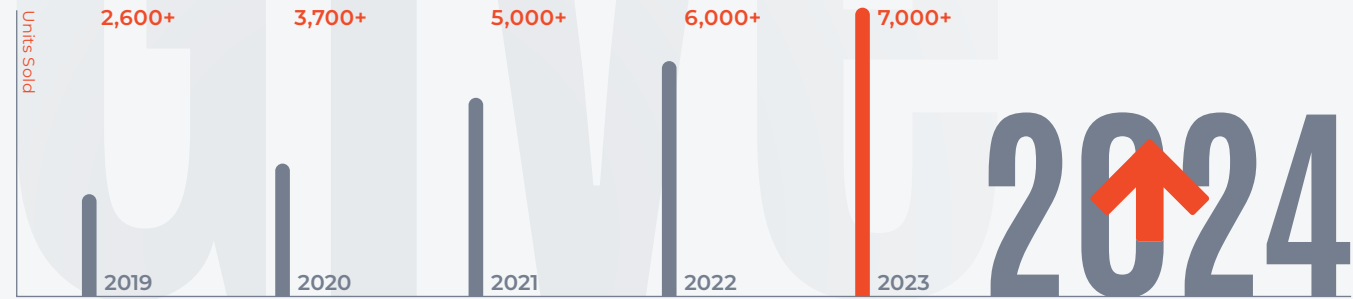


* Certain functions or components mentioned in this document are optional and may not be included in the standard version of the product.



World's No.1 in Sales Volume for 5 Years 2019 – 2023

Bodor has consistently held the top position in global sales volume 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

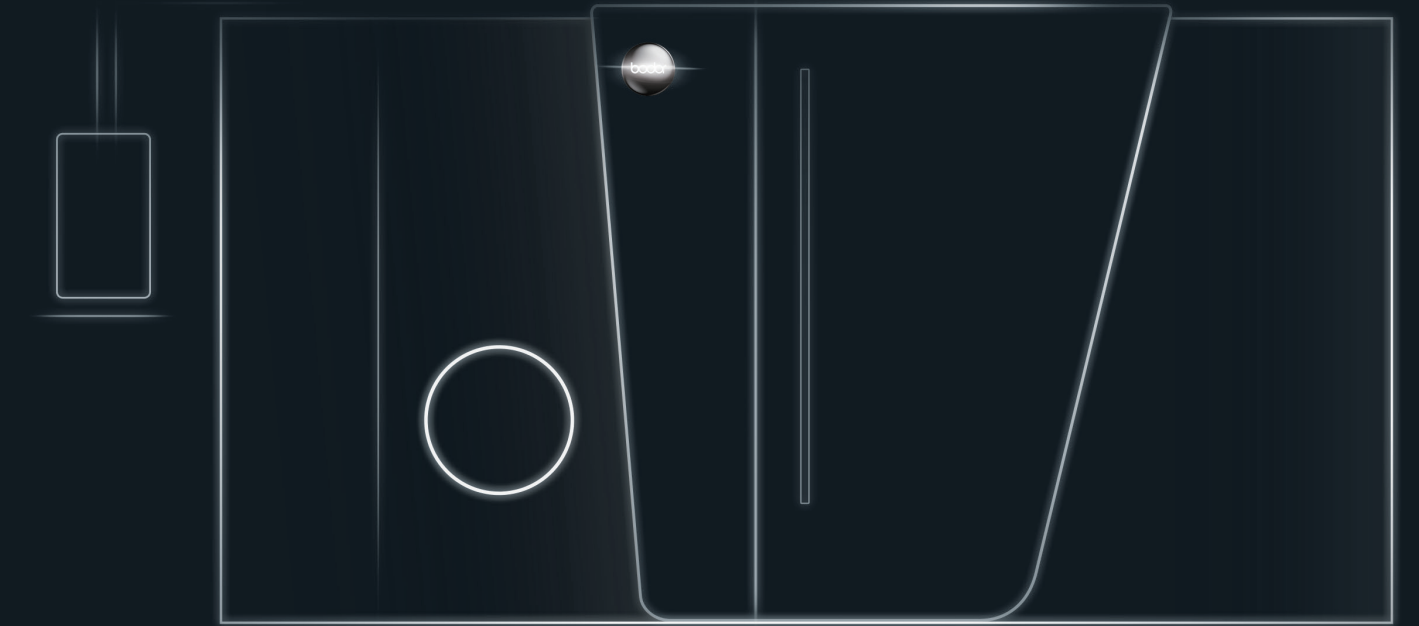
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CT Series

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5 Years of Warranty

WORLD NO.1 FOR 5 YEARS IN A ROW

bodor