

# i Series, Compact Sheet Metal Cutting Machine

Explore where functionality meets space-saving.



## Big things come in small packages

### SPACE-SAVER

While minimizing the floor space it occupies, the i series maximizes the efficiency of your production line.

### ALL-AROUND PROTECTION

Its comprehensive design and laser protective glass ensure maximum safety for operators.

### ECO-FRIENDLINESS

The fully enclosed design leads to more economical processing and faster performance, with a much lower power consumption.

### Cutting parameter automatch

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

### Active obstacle avoidance system

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

### Remnant layout

The built-in camera in the cutting system captures images of the remnant and arranges shapes based on available space.

### Anti-vibration cutting

By automatically adjusting sensitivity in thin plate cutting, this feature adapts to high-frequency vibrations caused by gas pressure, effectively reducing defect rates and automatically suppressing vibrations.

### Anti-burning mineral casting plate

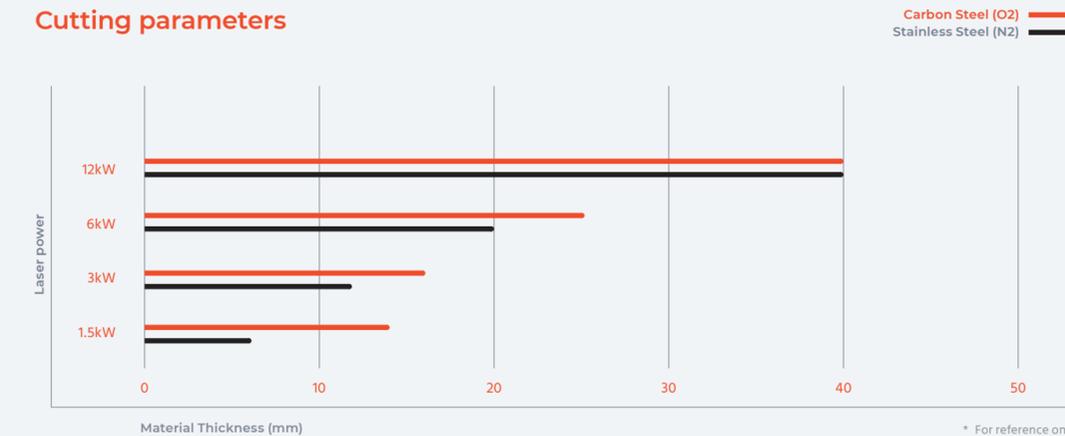
The modular anti-burning mineral casting plate auto-separates slag for lower maintenance, and offers durable, easy-to-replace benefits.

## Technical specifications

	i5	i6	i7
WORKING AREA (mm)	1000×1500	2000×1000	3048×1524
LASER POWER	1.5/3/6kW	1.5/3/6kW	1.5/3/6/12kW
POSITIONING ACCURACY (mm/m)	±0.05	±0.05	±0.05
RE-POSITIONING ACCURACY (mm)	±0.03	±0.03	±0.03
MAX. ACCELERATION	1.5G	1.5G	1.5G
MAX. LINKAGE SPEED (m/min)	91	91	91

\* 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.



## 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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# i Series

Compact Sheet Metal Cutting Machine

# Global No.1

FOR 6 YEARS IN A ROW



bodor | No.1

5 Years of Warranty