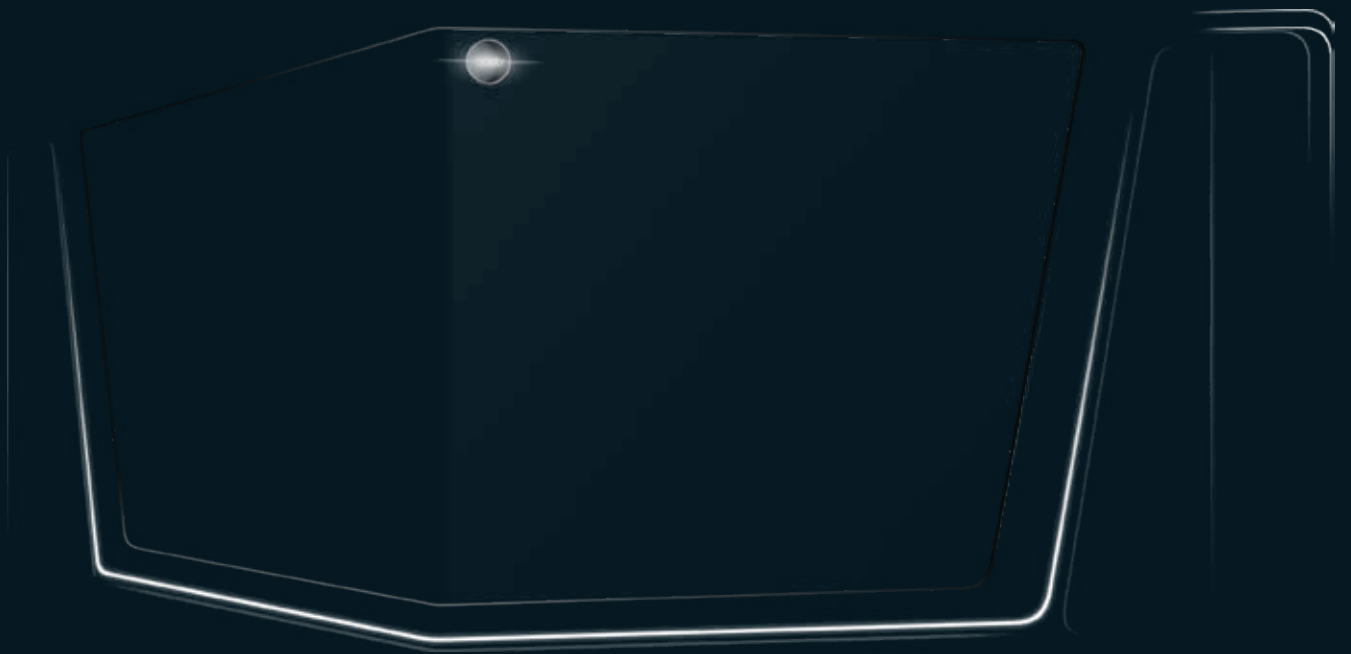


# C Series

Base sheet metal laser cutting machine



Australian Distributors

**Hare & Forbes  
Machineryhouse**  
Sydney - Melbourne  
Adelaide - Brisbane - Perth

Ph: 1300 202 200

**5** Years of  
Warranty

WORLD  
**NO.1**  
FOR 5 YEARS  
IN A ROW

**bodur**

# C Series, Base Sheet Metal Laser Cutting Machine

The Bodor C series brings a new level of productivity to the field of metal processing. Designed for high efficiency and cost-effectiveness, it meets the demands of modern production. Its advanced technology combined with economic benefits offers an ideal cutting solution for businesses of all sizes, excelling in precision, speed, and cost control.



## Your first step into advanced laser cutting

### SIMPLE OPERATION

The one-click processing feature simplifies the operation, saving time and labor costs.

### ECONOMICALLY EFFICIENT

The C series offers cost-effective solutions, reducing initial investments and long-term operational costs.

### STABLE AND RELIABLE

Durable construction and advanced materials extend the machine's life, reducing repair and maintenance costs.

### ALL-AROUND PROTECTION

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

### INTELLIGENT DESIGN

Advanced dust extraction systems and air pressure smart control enhance work efficiency and environmental quality.




### Active obstacle avoidance

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.



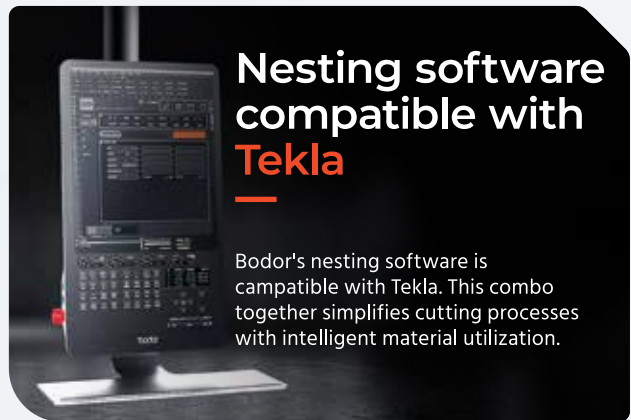
### Anti-burning mineral casting plate

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



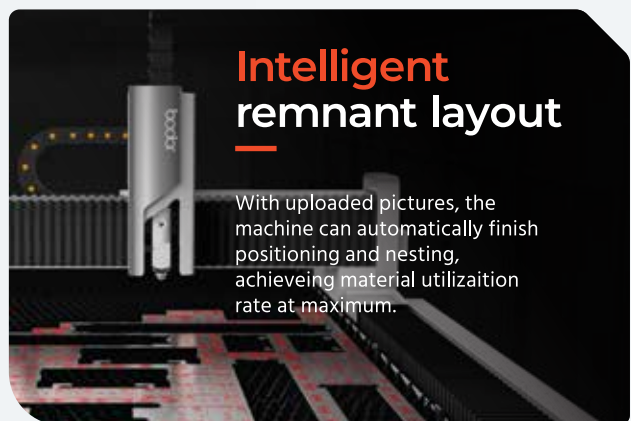
### Visual collision avoidance

The intelligent visual collision avoidance technology detects motions and signal warnings to prevent collisions and enhance operating safety.



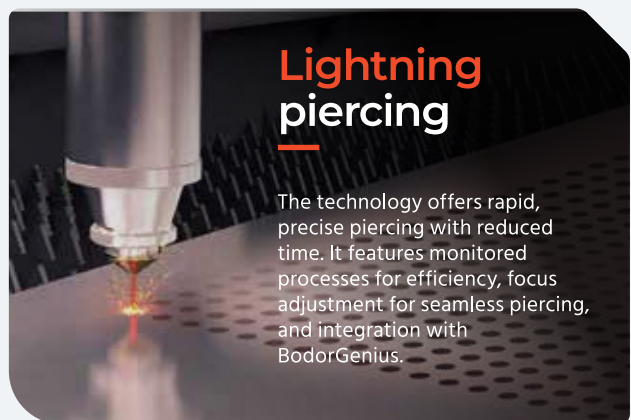
### Nesting software compatible with Tekla

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



### Intelligent remnant layout

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



### 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.

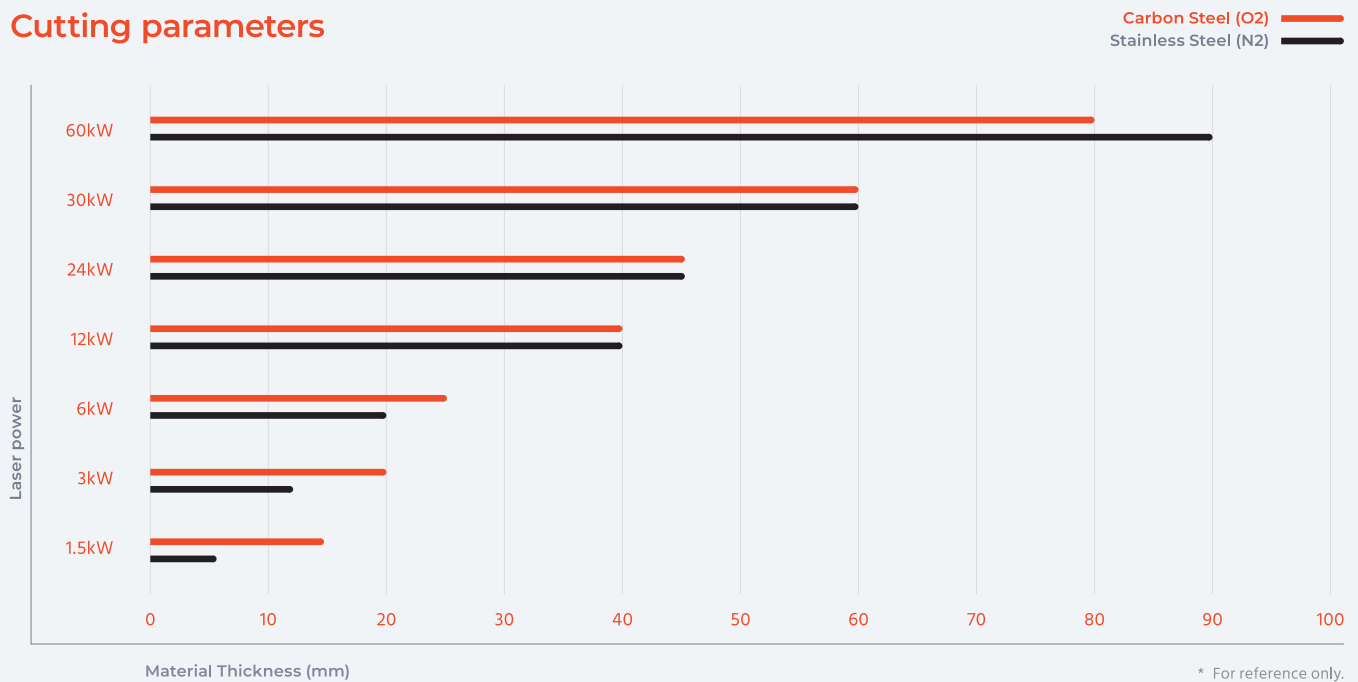
\* Certain functions or components mentioned in this document are optional and may not be included in the standard version of the product.

## Technical specifications

	C3	C4	C6LEAN	C6	C8	C12
<b>WORKING AREA</b> (mm)	3048×1524	4000×2000	6100×1524	6100 ×2500	8050×2500	12200×2500
<b>LASER POWER</b>	1.5/3/6/ 12/24kW	1.5/3/6/ 12/24kW	6/12/ 24/30kW	3/6/12/ 24/30kW	12/24/30/ 40/60kW	12/24/30/ 40/60kW
<b>POSITIONING ACCURACY</b> (mm/m)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
<b>RE-POSITIONING ACCURACY</b> (mm)	±0.03	±0.03	±0.03	±0.03	±0.03	±0.03
<b>MAX. ACCELERATION</b>	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G
<b>MAX. LINKAGE SPEED</b> (m/min)	110	110	110	110	110	110

\* For complete details, please reach out to our sales team at [sales@bodor.com](mailto:sales@bodor.com).

## Cutting parameters



## Cutting samples



## 5 Years of Premium Warranty

For three Bodor core components

**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

For further machine specs and information and enquires please contact Hare & Forbes Machineryhouse.

[www.machineryhouse.com.au](http://www.machineryhouse.com.au)

Or

Phone: 1300 202 200



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Sat - 8:30am - 12:30pm

Adelaide: (08) 9373 9969  
Mon - Fri 8:00am - 4:30pm  
Sat - 8:30am - 12:00pm

Brisbane: (07) 3715 2200  
Mon - Fri 8:00am - 4:30pm  
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Perth: (08) 9373 9999  
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