

# P Series

All-around sheet metal fiber laser cutting machine



Australian Distributors

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

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**5** Years of  
Warranty

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

**bodor**

# P Series, All-around Sheet Metal Fiber Laser Cutting Machine

The Bodor P Series sheet metal laser cutting machines are the epitome of cutting-edge laser technology and outstanding performance. Craftsmanship, automation features, and safety measures have been finely tuned in our P Series to provide an unparalleled cutting experience.



## High performance for your high efficiency

### USER-FRIENDLY OPERATION

Simplified operations with one-second edge finding and intuitive touchscreen for seamless integration.

### SUPERCHARGED PRODUCTIVITY

Turbocharge productivity with automated cutting, saving time and enhancing efficiency

### SAFETY FIRST

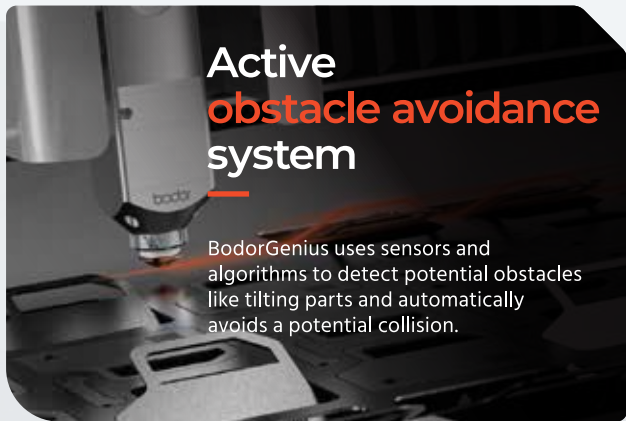
Prioritize safety and maintainability with collision detection, collision avoidance, automatic cleaning, and intelligent air pressure control.

### RESOURCE EFFICIENCY

Minimizes waste, optimizing resources to reduce costs, environmental impact, and maximize value creation.

### TOP-NOTCH CUTTING QUALITY

Prioritize quality cutting, ensuring accurate products, minimizing waste for customer satisfaction, and enhancing production efficiency.



### Active obstacle avoidance system

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



### One-second edge finding

One-second edge finding ensures rapid material positioning and focus calibration.



### Automatic nozzle changer

The machine provides automated nozzle cleaning and changing without any human intervention.



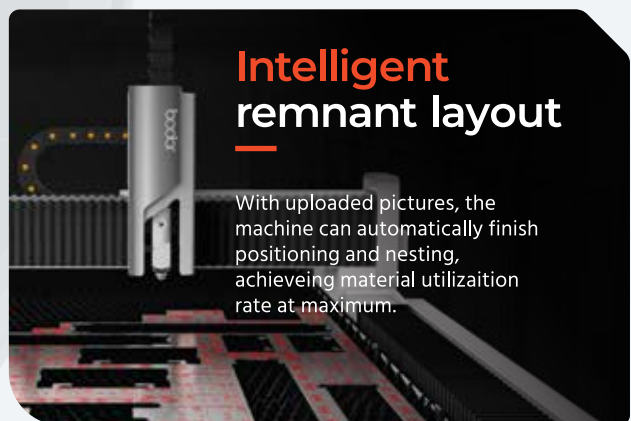
### Visual collision avoidance

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.



### Excellent bevel cuts

The bevel cutting option enables the production of +/- 45 degree bevel cuts, optimizing assembly procedures and subsequent welding.

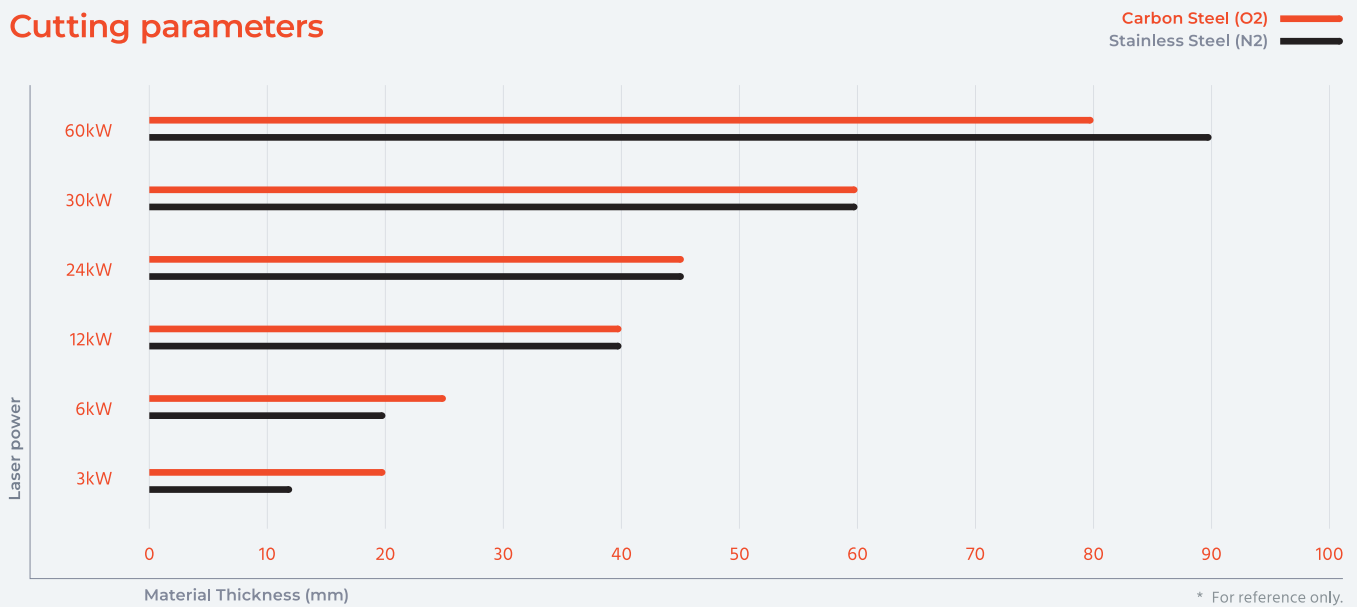
\* Certain functions or components mentioned in this document are optional and may not be included in the standard version of the product.

## Technical specifications

	P3	P4	P6	P12
<b>WORKING AREA</b> (mm)	3048×1524	4000×2000	6500×2500	12500×2600
<b>LASER POWER</b>	3/6/12/24/30/60kW	3/6/12/24/30/60kW	6/12/24/30/60kW	12/24/30/60kW
<b>POSITIONING ACCURACY</b> (mm/m)	±0.05	±0.05	±0.05	±0.05
<b>RE-POSITIONING ACCURACY</b> (mm)	±0.02	±0.03	±0.03	±0.03
<b>MAX. ACCELERATION</b>	4G	4G	2.8G	2.8G
<b>MAX. LINKAGE SPEED</b> (m/min)	200	200	200	200

\* 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

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