

P Series

All-around sheet metal fiber 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

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

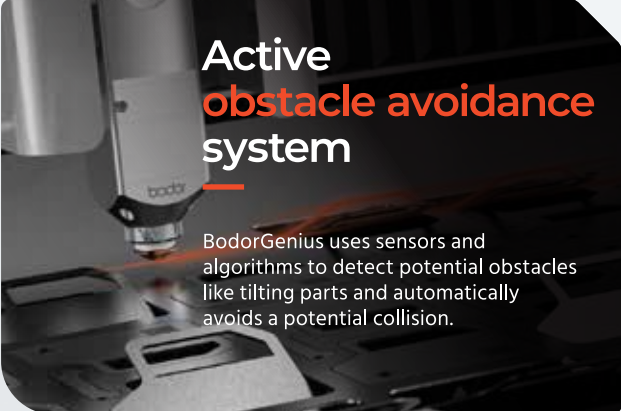
Prioritize safety and maintainability with collision detection, collision avoidance, automatic cleaning, and intelligent air pressure control.

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.



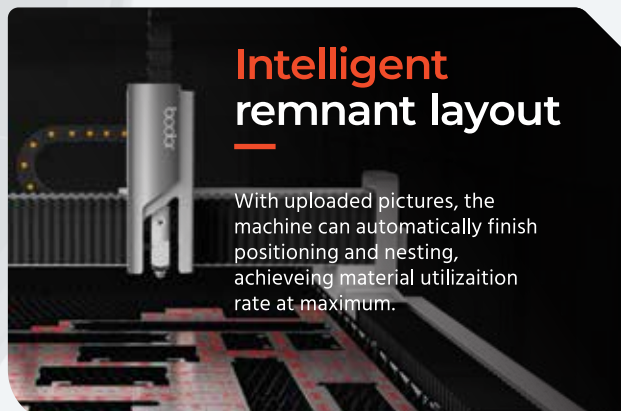
Visual collision avoidance

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

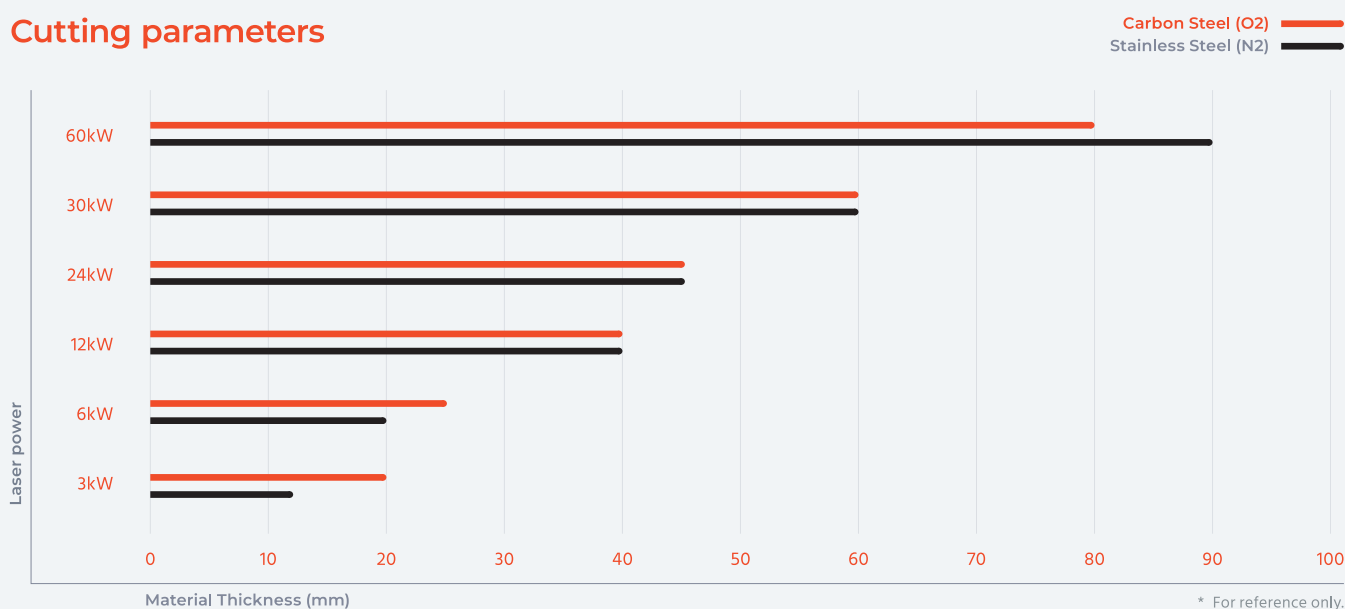
The bevel cutting option enables the production of +/- 45 degree bevel cuts, optimizing assembly procedures and subsequent welding.

Technical specifications

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

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

Cutting parameters



* For reference only.

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

Or

Phone: 1300 202 200

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