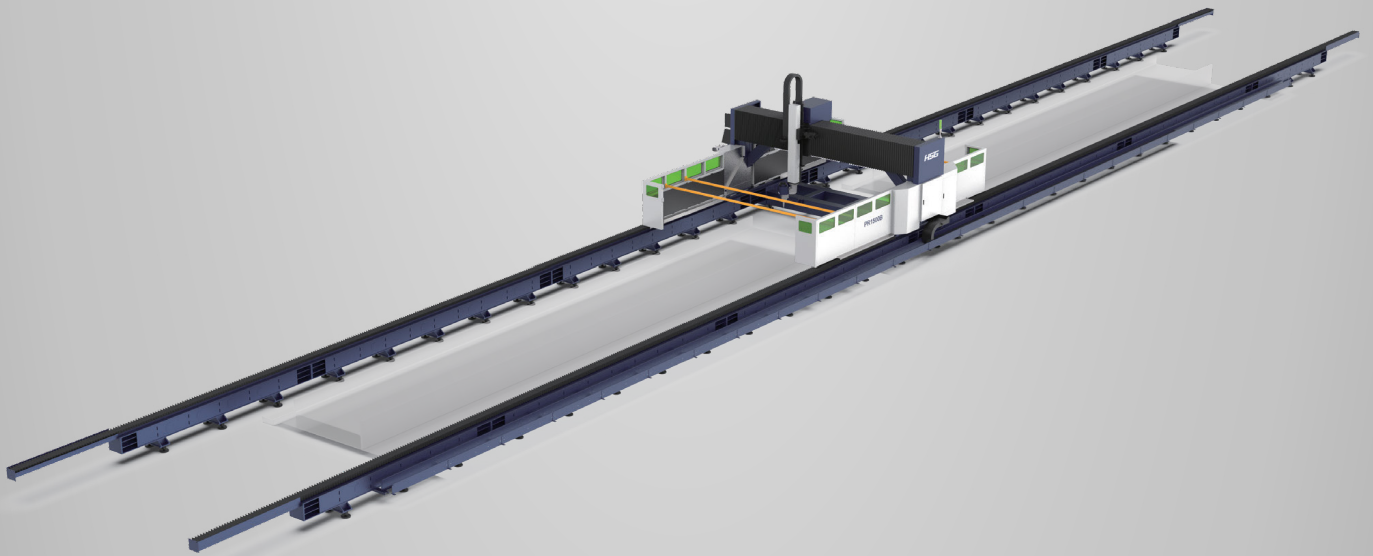


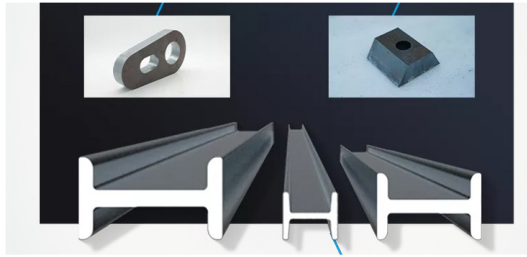
PR1500B

Beam Line Sheet Laser Cutter

12000 - 20000W



FEATURES



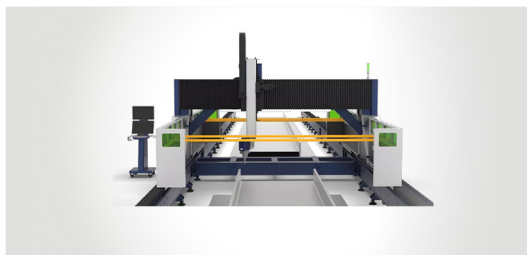
Three-in-One Cutting Capability

The PR1500B offers versatile processing with three modes in one machine: sheet metal straight cutting, section steel straight cutting, and bevel cutting. This flexibility ensures precise results across a wide range of applications.



Extra Large-Format Design

Built with a modular structure, the PR1500B can be configured with a single station (14m) or double station (28m) to handle varying production needs. Its extra-wide bed accommodates sheet widths up to 2.5m, making it ideal for large-scale bevel cutting.



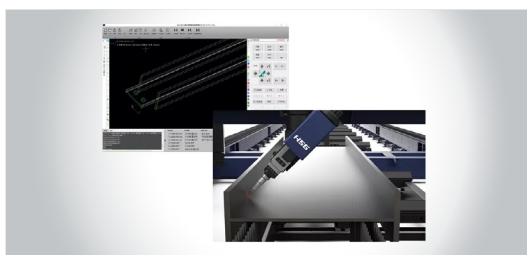
High-Efficiency Processing

A new-generation lightweight beam design delivers a maximum linkage speed of up to 80m/min, significantly improving productivity compared to conventional systems.



Comprehensive Safety Protection

Protective sheet metal along both sides of the beam prevents sparks from escaping, while anti-burning plates provide reliable heat protection. Observation windows with safety glass enable real-time monitoring without compromising operator safety.



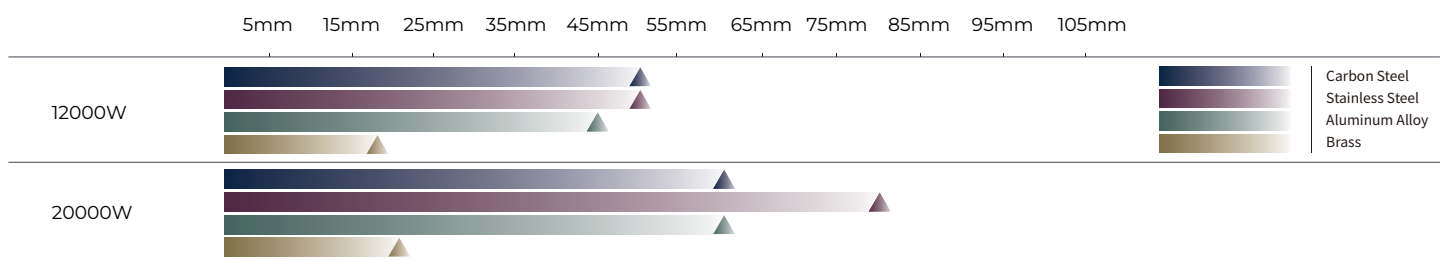
Specialised Solutions for Section Steel

Advanced coarse and fine positioning enables accurate real-time measurement and compensation of section steel workpieces. The PR1500B also integrates seamlessly with Tekla nesting software, offering strong compatibility and intelligent control through an easy-to-use interface.

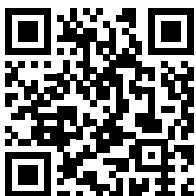
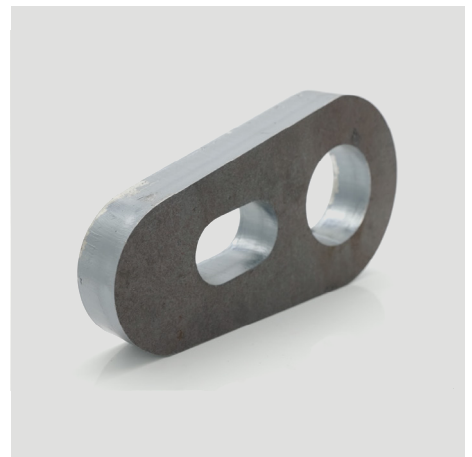
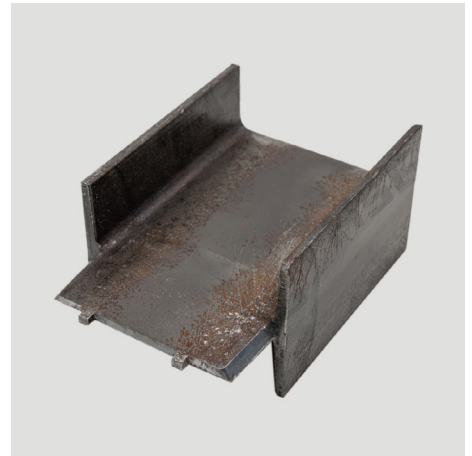
SPECIFICATIONS

Parameters	PR1500B
Steel Beam Processing Format (mm)	HW Steel: 200 x 200 - 500 x 500 HM Steel: 200 x 150 - 600 x 300 HN Steel: 200 x 100 - 1500 x 500 I Beam: 200 x 100 - 630 x 175 Channel Steel: 200 x 73 - 400 x 104 Angle Steel: 200 x 200 - 250 x 250
Steel Beam Max. Length (mm)	12500
Plane Work Area (L x W) (mm)	13000 x 3500
Plane Bevel Cutting Area (L x W) (mm)	12000 x 3000
X/Y Axis Positioning Accuracy	±0.01 mm/m
X/Y Axis Repositioning Accuracy	±0.01 mm
Max. Cutting Speed	80m/min
Max. Acceleration	0.5G
Overall Dimensions (LxWxH) (mm)	36000 x 6000 x 4000
Volt./Ph./Hz.	380V / 3Ph / 50-60Hz
Overall Capacity (kW) / Current (A)	76.1 / 152.2 (12000W) 109.6 / 219.2 (20000W) 146.6 / 293.2 (30000W)
Bevel Angle	±45°
Bevel Cutting Surface Type	V / Y

Laser Power



CUTTING SAMPLES



lasermachines.com.au

1300 561 963

Factory 17 / 116 - 118 Abbott Rd,
Hallam, VIC 3803

Unit 2 / 56 Central Hills Drive,
Gregory Hills, NSW 2557

LASER MACHINES