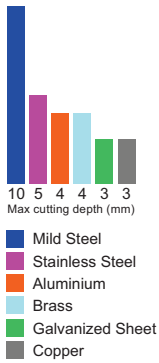
Perfect Laser Technologies

PLF-1390-E



Enclosed Fiber Laser Sheet Cutting Machine

If you need a high speed, precision-cutting fiber laser, our 1000W 1390 fully enclosed machine is your answer. With precise, fast and force-free processing, our fiber lasers create narrow kerfs and thus achieve high-precision cuts requiring minimum finishing. Metal furniture, medical equipment, agricultural machinery, sports equipment, display shelf and other sheet metal products are exactly what these machines do - and do well.

FEATURES

3D user interface:
- Intuitive interface, better compatibility with Pro/e, Solidworks, UG software - easy to operate.
- Radical departure from the traditional CNC code programming style complex method of operation.

Raytools Laser Cutting Head:
Suitable for high laser power industrial applications, the fiber cutting head has an optimized optical design, with digital height sensor which allows for more efficient cutting. The collimator and focusing lens have dual water cooling which allows the laser head to work steady and stable for extended operation.

Servo Motor Technology:
- These units have 4 of the latest technology single cable servo motors.
- Power and process data are transmitted in one standard motor cable, significantly reducing costs.
- This technology also provides for more accurate positioning and more geometrically accurate parts.

BENEFITS

- Cuts a wide range of metals
- Fast cutting speed reduces costs
- Environment-friendly system. Quiet and clean with relatively low electrical consumption
- We hold consumables and spares in stock in Cape Town and Johannesburg, ensuring minimum downtime for your business

SPECIFICATIONS

Model	PLF-1390-E
Cutting Area W x L (mm)	1300 x 900
Laser source	Imported fiber laser resonator
Laser source power	1000W
Position accuracy	±0.03mm
Repeat accuracy	±0.01mm
Max position speed	1000mm/sec
Acceleration	1G
Power supply	AC380V 50/60Hz
Types of materials	Carbon Steel, Stainless Steel, Galvanised Steel, Aluminium, Brass, Copper, Titanium, etc

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Perfect Laser Technologies (Pty) Ltd
Unit 6, 451 Vale Ave, Randburg.
Tel: 087 135 2958
www.perfectlaser.co.za
sales1@perfectlaser.co.za

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