



Flatbed Table Fiber Laser Sheet Cutting Machine

If you need a high speed, precision-cutting fiber laser, our 1530 open fiber cutting 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.

FIBER LASER MAXIMUM CUTTING THICKNESS (mm)					
LASER POWER :	MILD STEEL :	STAINLESS STEEL :	ALUMINIUM :	BRASS :	COPPER :
500 W	6	3	3	2	1.5
750 W	8	4	3	3	2
1000 W	10	6	4	4	3
1500 W	14	8	5	5	4
2000 W	16	10	6	6	5
3000 W	20-25	12	12	8	8

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-1530-O
Cutting Area W x L (mm)	1500 x 3000
Laser source	RAYCUS
Laser source power	See table on left
Position accuracy	±0.03mm
Repeat accuracy	±0.01mm
Max position speed	1000mm/sec
Acceleration	1G
Power supply	AC380V 50/60Hz
Types of materials	Mild Steel, Stainless Steel, Galvanised Steel, Aluminium, Brass, Copper, etc.

