

## LS1325 Fibre Metal Cutter

The LS1325 has a large capacity work area, capable of meeting high workload demands. It is supplied complete with a water chiller unit, fan system and exhaust ducting as standard. It is available ; pen or enclosed with a Class 1 protective enclosure for maximum operator safety.

With separately keyed on/off switch, unauthorised access and operation can be prevented. The machine is provided with a 12 month onsite warranty with option to extend up to 3 years.



### MACHINE FEATURES:

2500 x 1300mm work area for large scale cutting operations

1kW as standard, with a 1.5kW upgrade available

Up to 100,000 working hours life for the fibre source

Automatic focus adjustment much faster than manual adjustment

Heavy duty sawtooth bed for supporting a wide range of materials and weights

High quality optics provide high accuracy, reliability and long life

Swiss Raytools laser head for maximum precision and reliability

Dual gas delivery system enables assist gas changeover through software

Popular and easy to use CypCut control system

Wireless operator keypad/control handle, keyboard and mouse

Water flow switch in chiller to provide protection against failure of cooling system

Chiller based laser source cooling system

Optional enclosed cabinet system for optimal safety and fume extraction

### CUT:

Stainless steel	Zintec
Carbon steel	Brass
Silicon steel	Copper
Aluminium	Alloys
Titanium	Electrolytic Plate
Galvanised steel	



**LS1325**

<b>Laser power</b>	1kW	1.5kW
<b>Max. Cutting speed</b>	40m/minute	
<b>Max. Acceleration</b>	0.5G	
<b>Max. cutting thickness (mm)</b>		
Carbon Steel	10mm	14mm
Stainless Steel	5mm	6mm
Aluminium	3mm	5mm
Non-Ferrous	3mm	4mm
<b>Cutting area</b>	2500mm x 1300mm	
<b>Laser source</b>	IPG / Raycus / MAX / NLight	
<b>Location precision</b>	±0.01mm	
<b>Drive system</b>	Servo Motor	
<b>Optics</b>	RayTools Cutting Head	
<b>Mounting</b>	Free standing	
<b>Cooling method</b>	Water Chiller	
<b>Cooling system</b>	CW6100	
<b>Fume extraction</b>	Separate air extraction system supplied (Optional self-contained fume filter system available)	
<b>Software</b>	CypCut	
<b>Preferred file types</b>	.dxf, .pl	
<b>Operating system support</b>	Professional on-board computer	
<b>Power supply</b>	380-415V 3 Phase	
<b>Machine dimensions (mm)</b>	3800 x 1850 x 1300mm	
<b>Machine weight</b>	TBA	
<b>Cabinet safety</b>	Optional full enclosure with CE marked safety switches	
<b>Warranty</b>	12 months on site excluding consumables	

\*Any maximum cutting thicknesses are indicative only and not guaranteed.  
Reflective materials such as aluminium, brass and copper require an IPG or NLight source.

**OPTIONAL EXTRAS:**

Laser power upgrade available for faster speeds and thicker materials - 1.5kW

AD2000 IQ BOFA Fume Filtration System

Rear-mounted exchange table arrangement

Protective enclosure available