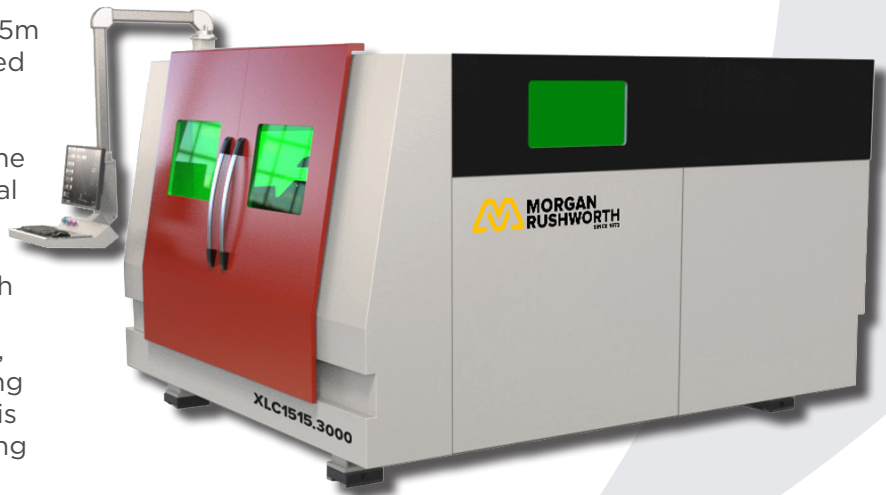




XLC Compact Fibre Laser Cutting Machines

The Morgan Rushworth XLC range of compact fibre lasers are equipped with a 1.5m x 1.5m cutting area with a manually operated transfer table, which simply sides in and out of the machine. Material can be easily loaded and unloaded outside of the machine enclosure, giving the option to load material by crane as well as manually.

The range covers from 1.5kw up to 3kw with the Fuji motors and drives for the X & Y axis and a rigid gantry and frame structure, resulting in fast acceleration, fast positioning speeds and fast cutting times. The control is by Cypcut and includes software for drawing parts or importing DXF files. Class leading components ensure superior cut quality, high reliability and reduced down time.



**1.5m
Bed Width**



**1.5m
Bed Length**



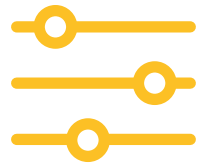
**1.5 - 3KW
Laser Power**



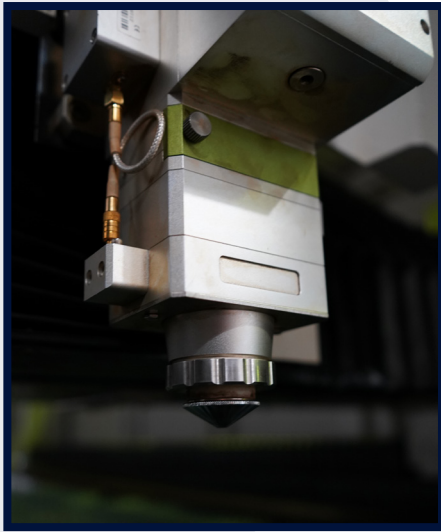
**1.5G
Acceleration**



**Cypnest
Nesting
Software**



**Optional
Extraction &
Filtration**



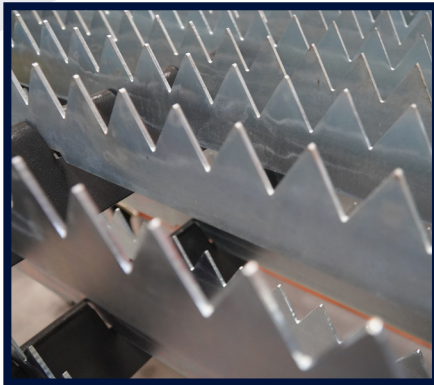
Machine Features

- Class leading IPG fibre laser source
- Raytools cutting head with auto focus and anti-collision functionality
- Fuji servo motors and drives
- Rack and pinion system with automatic lubrication
- Automatic gas selection system
- Cypcut controller
- Automatic sheet edge detection with skew allowance
- Manual table movement
- Door windows with laser protective material

Optional Equipment

- Fume extractor with filters

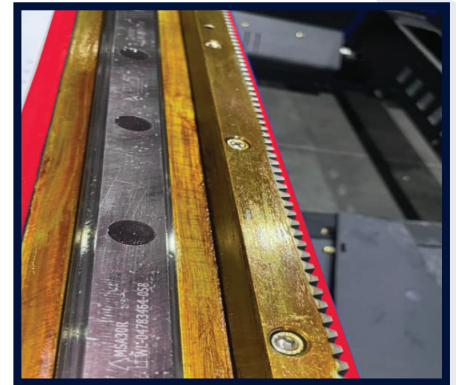
RAYTOOLS CUTTING HEAD TORCH



TOOTHED RACK



SCRAP & SLAG TROLLEY



YYC HELICAL RACK

TECHNICAL SPECIFICATIONS

BED SIZE			1.5 metre x 1.5 metre		
			1.5 kW IPG YLS	2.0 kW IPG YLS	3.0 kW IPG YLS
Maximum Cutting Capacity	Mild Steel	mm	12	15	18
	Stainless Steel	mm	4	8	10
	Aluminium	mm	3	6	8
	Brass	mm	3	5	6
	Copper	mm	2	3	5
X Axis Travel	mm	1548	1550	1550	
Y Axis Travel	mm	1548	1550	1550	
Z Axis Travel	mm	150	150	150	
Rapid Traverse (X and Y Axis)	m/min	120	120	120	
Acceleration		1.5G (15 m/s ²)	1.5G (15 m/s ²)	1.5G (15 m/s ²)	
Maximum Sheet Size	mm	1500 x 1500	1500 x 1500	1500 x 1500	
Maximum table capacity	kg	220	220	220	
Positioning accuracy	mm	± 0.05	± 0.05	± 0.05	
Repeatability	mm	± 0.02	± 0.02	± 0.02	
Transfer Table		Front-Loading Table	Front-Loading Table	Front-Loading Table	
Width	mm	2,820	2,820	2,820	
Length	mm	6,700	6,700	6,700	
Height	mm	2,300	2,300	2,300	
Fume Extractor	m ³ /hour	4,000 (Optional)	4,000 (Optional)	4,000 (Optional)	