

MORGAN RUSHWORTH XLG 3015.12000 12.0KW MOVING GANTRY FIBRE LASER CUTTING MACHINE

The new XLG range of compact format moving gantry Fibre laser cutting systems takes plate cutting to a new dimension. A compact moving gantry machine that allows material to be processed with laser technology on a compact footprint.

The XLG uses new generation high performance linear system with geared head, high performance rack and pinion and its modular format allows for systems to be offered in 3000mm x 1500mm, 4000mm x 2000mm and 6000mm x 2000mm. With usage of Fibre laser technology there is no need to move the laser source or plate, thus allowing high speed and high accuracy cutting.

FEATURES

- Modular, compact, moving gantry
- Raytools cutting head with auto focus and anti-collision functionality (kW dependent)
- Heavy Duty rack and pinion system with automatic lubrication
- Auto nozzle cleaning and calibration
- Class leading Cybelec Lynca software
- Window viewing areas with laser protective material
- Light guard protection for cutting table
- Pull out Parts / Scrap Bins

OPTIONS

- Fume extractor with filters
- Air compressor and dryer

TECHNICAL INFORMATION

Fibre laser source		12.0 kW
Maximum cutting capacity		
Mild steel	mm	40
Stainless steel	mm	40
Aluminium	mm	40
Brass	mm	15
Copper	mm	10
Production cutting capacity		
Mild Steel	mm	30
Stainless Steel	mm	20
Aluminium	mm	25
Brass	mm	12
Copper	mm	8
X Axis travel	mm	3200
Y Axis travel	mm	1600
Z Axis travel	mm	100
Maximum sheet size	mm	3000mm x 1500mm
Simultaneous positioning speed m/min		65
Axis acceleration	G	1
Maximum table capacity	kg	1250
Positioning accuracy	mm	0.03
Length	mm	6500
Width	mm	3200
Height	mm	2500
Weight	kg	

OTHER IMAGES

