

MORGAN RUSHWORTH XLG 6020.20000 20.0KW 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		20.0 kW
Maximum cutting capacity		
Mild steel	mm	80
Stainless steel	mm	80
Aluminium	mm	60
Brass	mm	20
Copper	mm	12
Production cutting capacity		
Mild Steel	mm	50
Stainless Steel	mm	40
Aluminium	mm	40
Brass	mm	18
Copper	mm	10
X Axis travel	mm	6200
Y Axis travel	mm	2100
Z Axis travel	mm	100
Maximum sheet size	mm	6000mm x 2000mm
Simultaneous positioning speed m/min		65
Axis acceleration	G	1
Maximum table capacity	kg	3300
Positioning accuracy	mm	0.03
Length	mm	9500
Width	mm	3700
Height	mm	2500
Weight	kg	

OTHER IMAGES

