

MORGAN RUSHWORTH XLG 8025.6000 6.0KW 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 up to 8000mm x 2500mm size models. 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		6.0 kW
Maximum cutting capacity		
Mild steel	mm	35
Stainless steel	mm	18
Aluminium	mm	15
Brass	mm	14
Copper	mm	8
Production cutting capacity		
Mild Steel	mm	25
Stainless Steel	mm	15
Aluminium	mm	14
Brass	mm	10
Copper	mm	6
X Axis travel	mm	8050
Y Axis travel	mm	2550
Z Axis travel	mm	200
Maximum sheet size	mm	8000mm x 2500mm
Maximum plate weight	kg	4700
Simultaneous positioning speed	m/min	80
Axis acceleration	G	0.8
Positioning accuracy	mm	0.1
Repeat position accuracy	mm	0.03
Length	mm	
Width	mm	
Height	mm	
Weight	kg	

OTHER IMAGES

