
MORGAN RUSHWORTH XRM 3015.6000 6.0KW FIBRE LASER CUTTING MACHINE

The new XRM 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 XRM 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. 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 or Precitec Procutter cutting head with auto focus and anti-collision functionality (kW dependent)
- Heavy Duty rack and pinion system with automatic lubrication
- SMC automatic gas selection system
- 19" touch screen controller with part graphic view and extensive cutting parameter data base
- Beckhoff CNC control, servo motors and drives – increases acceleration and positioning speed
- Automatic sheet edge detection with skew allowance
- Automatic nozzle cleaning and calibration
- Class leading Lantek software
- Side Window viewing areas with laser protective material
- Light guard protection for cutting table
- Pull out Parts / Scrap Bins
- CCTV view of cutting action

OPTIONS

- Fume extractor with filters
- Air compressor and dryer

TECHNICAL INFORMATION

Fibre laser source		6.0 kW
Maximum cutting capacity		
Mild steel	mm	25
Stainless steel	mm	20
Aluminium	mm	20
X Axis travel	mm	3048
Y Axis travel	mm	1524
Z Axis travel	mm	100
Maximum sheet size	mm	3000mm x 1500mm
Simultaneous positioning speed	m/min	65
Axis acceleration	G	0.6
Maximum table capacity	kg	900
Positioning accuracy	mm	0.05
Length	mm	5100
Width	mm	2400
Height	mm	2100
Weight	kg	9000

OTHER IMAGES

