

**MORGAN RUSHWORTH XLG 6020.6000 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, 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                   |    | 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 | 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

