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## MORGAN RUSHWORTH XC 3015.6000 CNC FIBRE LASER CUTTING MACHINE



The Morgan Rushworth XC range offers compact, enclosed fibre laser cutting systems with a pull-out cutting table. Designed to maximise efficiency in smaller workshops, this layout provides front-loading convenience while maintaining CE-compliant enclosure standards.

Supplied in three bed sizes, the XC series is available with 1.5kw, 3kW or 6kW laser sources. It delivers high performance in a small footprint, making it a popular choice for fabrication businesses seeking in-house cutting capabilities without the space requirements of larger shuttle table models.

Carefully selected components from globally recognised suppliers ensure long-term reliability, with integrated CCTV for operator monitoring and full CE compliance as standard.

## FEATURES

- Compact design with pull out cutting table
- High performance mLASE fibre laser source
- mNEST laser cutting software with integrated CAD/CAM and nesting
- mCUT autofocus cutting head
- Rigid gantry system ensuring fast accurate positioning to X and Y axis
- Automatic height sensor to ensure optimum cutting efficiency

## OPTIONS

- mNEST CAM and nesting software for PC with DXF/DWG import
- Extraction/filtration system

## TECHNICAL INFORMATION

| MODEL                       |       | XC 3015.6000 |
|-----------------------------|-------|--------------|
| Laser Power                 | kW    | 6.0          |
| Fibre Laser Source          |       | mLASE        |
| 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    | 3000         |
| Y Axis Travel               | mm    | 1500         |
| Z Axis Travel               | mm    | 80           |
| Maximum Sheet Size          | mm    | 3000 x 1500  |
| Positioning Speed           | m/min | 100          |
| Axis Acceleration           | G     | 1.2          |
| Positioning Accuracy        | mm    | ±0.03        |
| Repeat Position Accuracy    | mm    | ±0.02        |
| Length                      | mm    | 4700         |
| Width                       | mm    | 3340         |
| Height                      | mm    | 2450         |
| Weight                      | kg    | 3000         |

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OTHER IMAGES