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## MORGAN RUSHWORTH XTL 6055.6000 TUBE LASER CUTTING MACHINE



The Morgan Rushworth XTL range of section and tube laser cutting machines are especially applicable for round, square, rectangular, oval, waist round tubes and large beams. Manufactured with the world's leading fibre laser resonator and electronic components to ensure superior stability. The high clamping bed feature provides outstanding rigidity whilst performing at high speed and acceleration, taking your tube laser cutting to the next level.

With capacities all the way up to 630mm, the XTL range are built for processing big heavy material.

## FEATURES

- Fibre optic beam delivery system
- Raytools Autofocus Laser Cutting Head
- Bevel Cutting Torch
- Applicable tube types : Round tube, square tube, rectangular tube, oval tube, D-shaped steel,
- Applicable profile types : T-shaped, H-shaped, channel steel, angle steel, I-beams etc.
- Material Receiving and Collecting System
- CE compliant complete machine enclosure and light barrier system
- PA Control System
- Lantek / Sigmanest Software
- Chain Loader Loading System
- 3 Chuck Machine
- Scrap collection draw
- 6m Outfeed

## OPTIONS

- Bevel Head - LT Ultra
- Weld Seam Detection
- 8m / 12m Outfeed
- Head Scanning
- IPG Laser Source
- Filtration & Extraction

## TECHNICAL INFORMATION

|                                   |          |                  |
|-----------------------------------|----------|------------------|
| Model                             |          | XTL 6055.6000    |
| Laser Source                      | kW       | 6.0              |
| Maximum Tube Length               | mm       | 6000             |
| Cutting Dia – Round               | mm       | 20 - 550         |
| Cutting Dia – Square/Rectangle    | mm       | 550 x 550        |
| Max tube weight                   | kg       | 2,000            |
| Max Bundle loading weight         | kg       | 6,000            |
| Type of infeed supports           |          | Servo controlled |
| Type of outfeed supports          |          | Servo controlled |
| X + Y axis positioning accuracy   | mm/meter | +/- 0.05         |
| X + Y axis repeatability accuracy | mm/meter | +/- 0.05         |
| Axis Acceleration                 | G        | 0.5              |
| Chuck speed                       | rpm      | 45               |
| Feed speed                        | m/min    | 35               |
| Cycle time                        | s        | 18               |

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OTHER IMAGES

