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## MORGAN RUSHWORTH XTE 7516.6000 COMPACT TUBE LASER CUTTING MACHINE



The Morgan Rushworth XTE Compact Tube Fibre Laser Cutting Machine combines intelligent automation, modular design, and high-speed tube processing. With ultra-fast automatic loading and the flexibility to switch between fully automatic and semi-automatic operation, the XTE range is available in three capacities to process round tubes from 8-120mm, 10-160mm, or 12-250mm diameter.

It adopts a side-mounted machine bed structure, with the front chuck featuring a retractable function. When combined with a composite dual-function chuck, it enables zero scrap cutting, thereby minimising material waste. Equipped with the PA Controller, and Lantek or Sigmanest software, the XTE is a highly capable machine for processing small tubes and box section.

## FEATURES

- Fibre optic beam delivery system
- Raytools Laser Cutting Head
- Applicable tube types : Round, square, rectangular, oval, D-shaped, etc.
- Applicable profile types : T-shaped, H-shaped, channel, angle, etc.
- Material Receiving and Collecting System
- CE compliant complete machine enclosure and light barrier system
- PA Control System
- Lantek / Sigmanest Software
- Bundle Step Loader Semi-Automatic Loading System
- Zero scrap cutting with pneumatic clamping system to avoid final parts being stuck in the chuck.
- 2 Chuck Machine
- Scrap collection draw
- 2m Outfeed

## OPTIONS

- Bevel Head - Ospri / LT Ultra
- Weld Seam Detection
- 4m / 6m Outfeed
- Head Scanning
- IPG Laser Source
- Chain Loader
- Filtration & Extraction

## TECHNICAL INFORMATION

|                                   |          |                  |
|-----------------------------------|----------|------------------|
| Model                             |          | XTE 7516.6000    |
| Laser Source                      | kW       | 6.0              |
| Maximum Tube Length               | mm       | 7500             |
| Tube Diameter (semi-auto loader)  | Ø mm     | 12 - 150         |
| Box Section (semi-auto loader)    | mm       | 150 x 150        |
| Tube Diameter (semi-auto loader)  | Ø mm     | 10 - 160         |
| Box Section (semi-auto loader)    | mm       | 160 x 160        |
| Max tube weight                   | kg       | 110              |
| Max Bundle loading weight         | kg       | 1,500            |
| 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 | +/- 0.03         |
| Axis Acceleration                 | G        | 1.5              |
| Chuck speed                       | rpm      | 150              |
| Feed speed                        | m/min    | 120              |
| Cycle time                        | s        | 10               |

OTHER IMAGES

