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## MORGAN RUSHWORTH XTS 7528.12000 TUBE LASER CUTTING MACHINE



The Morgan Rushworth XTS Compact (2-Chuck) Tube Laser streamlines tube feeding and precision cutting through an integrated semi-automatic loading system. Built on a side-mounted machine structure, it accommodates tube diameters spanning 20 mm to 360 mm and incorporates a clearance-enabled front chuck supported by fully servo-controlled floating mechanisms. Operating with power options of 3 kW, 6 kW, or 12 kW and acceleration rates reaching 1.0G, the system manages raw material bundles up to 2,000 kg while handling infeed lengths up to 7.5 m and outfeed lengths up to 6 m.

Automatically processing round, square, and rectangular tubing, as well as I-beams, channel steel, and custom-shaped profiles, this machine substantially reduces manual labor needs. Furthermore, its specialized chuck-clearance functionality allows the cutting head to travel between the front and rear chucks, keeping drop-off tails to a minimum and maximizing overall material efficiency.

## FEATURES

- Fibre optic beam delivery system
- Ospri Autofocus Laser Cutting Head
- 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 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
- 3m Outfeed

## OPTIONS

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

## TECHNICAL INFORMATION

|                                   |          |                  |
|-----------------------------------|----------|------------------|
| Model                             |          | XTS 7528.12000   |
| Laser Source                      | kW       | 12.0             |
| Maximum Tube Length               | mm       | 7500             |
| Cutting Dia – Round               | mm       | 20 - 280         |
| Cutting Dia – Square/Rectangle    | mm       | 280 x 280        |
| Max tube weight                   | kg       | 400              |
| 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        | 1.0              |
| Chuck speed                       | rpm      | 80               |
| Feed speed                        | m/min    | 60               |
| Cycle time                        | s        | 18               |

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OTHER IMAGES

