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MORGAN RUSHWORTH XTE 7512.3000 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.

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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 7512.3000
Laser Source	kW	3.0
Maximum Tube Length	mm	7500
Tube Diameter (semi-auto loader)	Ø mm	12 - 110
Box Section (semi-auto loader)	mm	110 x 110
Tube Diameter (semi-auto loader)	Ø mm	8 - 120
Box Section (semi-auto loader)	mm	120 x 120
Max tube weight	kg	80
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	2.0
Chuck speed	rpm	200
Feed speed	m/min	120
Cycle time	s	10

OTHER IMAGES



