

SELMACHTM
MACHINERY

Making Metal Work



XTE Compact Tube Laser

The Morgan Rushworth XTE Compact Tube Laser features a semi-automatic loading mode, efficiently handling Automatic loading and cutting tasks.

For tubes with diameters ranging from 20 to 360mm. It adopts a side-mounted machine tool structure, with a front chuck equipped with a clearance function, and is fitted with a fully Servo-controlled floating support.

Supporting automatic loading of various tube profiles—including round tubes, rectangular tubes, square tubes, channel steel, i-beams, and custom shaped tubes—reducing labour requirements.

The XTE features chuck-clearance cutting capability, allowing the cutting head to automatically move between the front and rear chucks for cutting, achieving the shortest possible tail-off and maximising material utilisation.



Machine Features

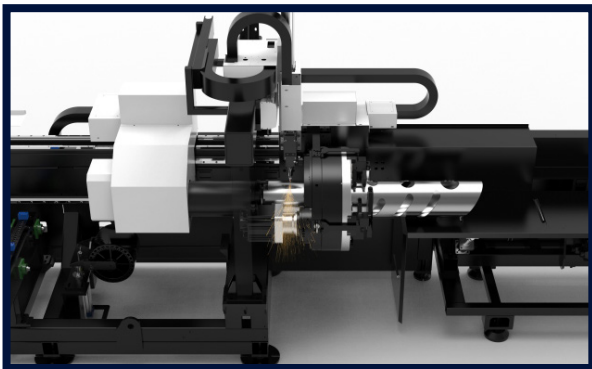
- High performance Laser Source
- Fibre optic beam delivery system
- BOCI BLT 310T Autofocus Laser Cutting Head
- High strength, rigid gantry design to ensure high accuracy and allow high acceleration
- German LEITESEN rack drive motion system
- Applicable tube types : Round tube, square tube, rectangular tube, oval tube, D-shaped steel, T-shaped steel, H-shaped steel, channel steel, angle steel, etc.
- Material Receiving and Collecting System
- CE compliant complete machine enclosure and light barrier system
- FSCUT3000DE Control System
- BOCHU TubePro Tube Cutting Software
- TubesT-Tube Nesting Software
- Semi-Automatic Loading System
- Zero scrap cutting with pneumatic clamping system to avoid final parts being stuck in the chuck.
- Scrap collection draw

Optional Equipment

- 6 or 12 kW Laser Source
- Optional infeed lengths up to 8m or 12m
- Optional outfeed lengths up to 4m, 6m or 8m
- Optional bevel cutting head
- Optional Lantek 3D Flex Software
- Optional weld seam detection
- Optional section scanning



AUTOMATIC LOADING SYSTEMS



ZERO SCRAP CUTTING

TECHNICAL SPECIFICATIONS

		XTE6223	XTE6228	XTE6236
Laser Power	kW	6 or 12		
Max. Tube Length	mm	6,200		
Tube Diameter	mm	Round: Ø20 - 230 Square: 20 x 20 - 230 x 230	Round: Ø20 - 280 Square: 20 x 20 - 280 x 280	Round: Ø20 - 360 Square: 20 x 20 - 360 x 360
Suitable for Cutting		Mild Steel, Stainless Steel, Galvanised Steel, Aluminium, Brass and Copper		
Cutting Profiles		Round, Square, D-Shaped, Rectangular, Special Shaped, Angle, Triangular, Elliptical, Waisted Round, Channel, Strip and I-Beam		
Weight of Single Tube	kg	250	600	1,000
Positioning Speed	m/min	60		
Chuck Rotation Speed	rpm	80		
Axis Acceleration	G	1.0		
Positioning Accuracy	mm	0.05		
Repeat Positioning Accuracy	mm	0.03		

FLOORPLAN FOR XTE6323

