
MORGAN RUSHWORTH XTS 7536.6000 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 7.5m and outfeed lengths up to 6m.

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 7536.6000
Laser Source	kW	6.0
Maximum Tube Length	mm	7500
Cutting Dia – Round	mm	20 - 360
Cutting Dia – Square/Rectangle	mm	360 x 360
Max tube weight	kg	530
Max Bundle loading weight	kg	2,000
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	+/- 0.03
Axis Acceleration	G	1.0
Chuck speed	rpm	60
Feed speed	m/min	60
Cycle time	s	18

OTHER IMAGES

