

MORGAN RUSHWORTH XTR 6022A TUBE LASER CUTTING MACHINE

The Morgan Rushworth XTR range of Laser tube profiling systems combine the latest in fiber laser technology with powerful automation solutions. Available up to 8m tube lengths and 220mm processing diameter, the XTR can process a wide variety of profiles including open and complex shapes with exceptional edge quality. Equipped with market leading componentry including the Beckhoff control platform, the XTR truly sets the benchmark for European Tube Laser manufacture.

Utilising an innovative conveyor type loading automation, the XTR is the ultimate in open section profiling utilizing a multi axis cutting head.

FEATURES

- Servo controlled 3 axis gantry motion system with rack & pinion for high acceleration & cutting speeds
- Linear guided infeed triple chuck system with minimum 60mm scrap piece
- Sub prime 3rd chuck with 1500mm travel
- Fully protected Laser processing cabin with pneumatic Access door
- Beckhoff Control Platform with intuitive touchscreen machine controller
- Laser resonator with fibre optic beam delivery system

OPTIONS

- Extended Outfeed support – 4m/6m/8m
- Conveyor outfeed
- 3D 5 Axis Bevel Head
- Weld Seam Detection
- UPS: Uninterruptible power supply
- Filtration
- Lantek Software
- Lantek Profile Cutting Module
- Deslag option
- Nozzle Cleaning

TECHNICAL INFORMATION

Model		XTR 6022A
Maximum Tube Length	mm	6100
Cutting Dia – Round	mm	16 - 220
Cutting Dia – Square/Rectangle	mm	220 x 220
X axis travel	mm	450
Y axis travel	mm	6500
Z axis travel	mm	200
Max tube weight	kg	240
X + Y axis positioning accuracy	mm/meter	+/- 0.05
X + Y axis repeatability accuracy	mm/meter	+/- 0.03
Acceleration	mm/s ²	10
X axis max running speed	m/min	45
Y axis max running speed	m/min	70
W axis max rotating speed	rpm	50

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