

SELMACHTM
MACHINERY

Making Metal Work

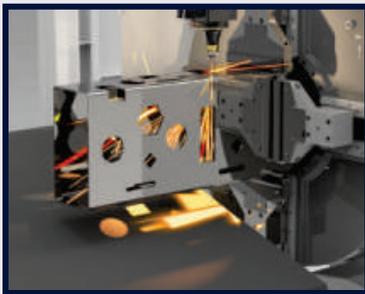
 **MORGAN
RUSHWORTH**
SINCE 1872

XT Tube Fibre Laser

Introducing a new way to process Laser Cutting on tubes with the Morgan Rushworth XT Tube Fibre Laser. We re-imagined the whole conventional tube cutting process and developed the XT, providing a complete solution for complex industrial needs.

This dedicated Laser Tube Cutting System is to provide extreme precision, productivity, and quality. With a dedicated Laser Tube Cutting system, this machine is able to achieve superior results for the tube processing industry.



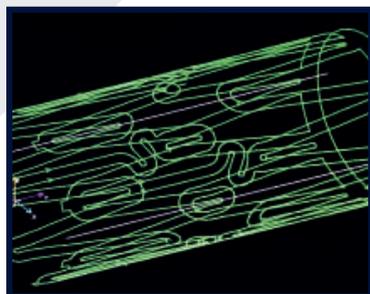


DESIGNED FOR PRECISION:

The system is capable of delivering excellent edge quality, efficient cutting and cost effective processing.

ADVANCED SOFTWARE:

The software provides flexibility for users to add, change or delete programs on the go.



OPTIONAL LOADING SYSTEMS FOR INCREASED PRODUCTIVITY:

The Bundle or Table loading automated loaded and unloading systems can make rapid processing of any tubular material any easy and efficient process.



Machine Features

- Raytools Laser Cutting Head
- Enhanced 3D cutting with 360° flexibility
- CNC controlled intelligent self-centring
- Floating tube support and horizontal tube clamping
- Compact system with excellent throughput
- Enclosed workstation for work safety
- Ergonomic and proficient system
- Global standard components for easy service and maintenance
- Dynamic fume extractor for environmentally friendly operation
- Manual Tube Loading

Optional Equipment

- 3D Bevel Cutting Head
- Auto Loader
- Auto Loading Table / Chain
- Extraction / Filtration Unit
- Lantek Cutting / Nesting Software
- Welding seam visual detection
- Deslag Option
- Auto Nozzle Cleaning
- CCTV Cameras
- Unloading Conveyor (4, 6 or 8m)



MORE SHAPES AND MATERIALS:

Process all manner of tubular profiles including Round, Square, Rectangular, Ellipse, Oval, D type & Triangle, U channel, L channel, C Channel, Angle steel, T angle, H angle, Flat bar

TECHNICAL SPECIFICATIONS

MODEL		XT 6200	XT 6300	XT 8350
Max. Pipe Cutting Length	mm	6100	6100	8100
Cutting Diameter	Round	Ø	Ø20 - Ø300	Ø20 - Ø350
	Rectangle / Square	mm	150 x 150	200 x 250
X-Axis Travel	mm	450	450	450
Y-Axis Travel	mm	6500	6500	8200
Z-Axis Travel	mm	200	200	200
Max. Job Weight	kg	160	225	200
Master Chuck (B1-Axis)	mm	Dia. Size 200		Dia. Size 300
		Operation Manual / Auto		Operation Manual / Auto
Slave Chuck (B2 - Axis)		Operation Manual / Auto		Operation Manual / Auto
X, Y Positioning Accuracy	mm/m	±0.05	±0.05	±0.05
X, Y Positioning Repeatability	mm/m	±0.03	±0.03	±0.03
Acceleration	m/s ²	10	10	10
Laser Power	kW	1 - 4kW	1 - 4kW	1 - 4kW
Controller		Tube Pro / Eltron	Tube Pro / Eltron	Tube Pro / Eltron