

XE Fibre Laser Cutting Machine

The Morgan Rushworth XE compact fibre laser features a 1.5 x 3m electric powered table cutting area. Material can be easily loaded and unloaded outside of the machine enclosure, giving the option to load material by crane as well as manually.

Available with up to 6kW Laser Sources, these are highly capable, yet compact machines for any workshop.



FEATURES AND BENEFITS



**1.5m
Bed Width**



**3m
Bed Length**



**Up to 6kW
Laser Power**



**0.8G
Acceleration**



**mNest
Software**



**Anti-Collision
Torch Technology**



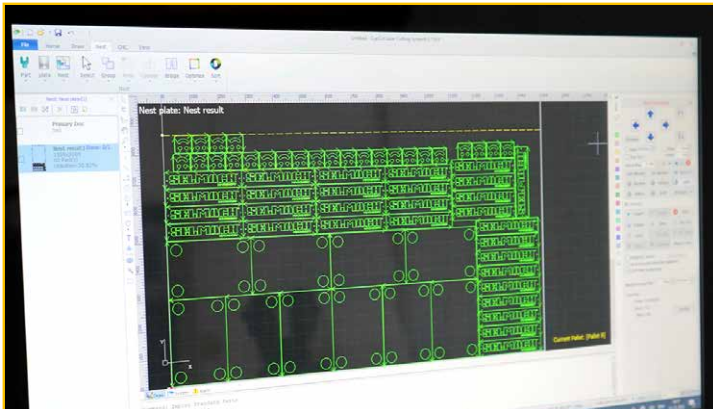
MACHINE FEATURES

- High performance mLase Fibre Laser Source
- mNest Software
- MRT Controller
- Fibre optic beam delivery system
- mCut Laser Cutting Head
- Powered, Single Pull-Out Table
- S & A Chiller
- High strength, rigid gantry design to ensure high accuracy and allow high acceleration
- CE compliant complete machine enclosure

OPTIONAL EQUIPMENT

- Fume extractor with filters
- Air compressor and dryer

Rigid Structure



mNest Software

CUTTING CAPACITIES

LASER SOURCE			3kW	6kW
Material	Gas	Capacity		
Carbon Steel	O2	mm	20	25
Stainless Steel	N2	mm	10	20
Aluminium	Air	mm	8	16
Brass	N2	mm	5	12
Copper	O2	mm	5	8
Galvanised	N2	mm	8	14



mCut Torch

TECHNICAL SPECIFICATIONS

STOCK CODE		XE 3015
Laser Source	kW	3 - 6
X Axis Travel	mm	3,060
Y Axis Travel	mm	1,530
Z Axis Travel	mm	100
Processing Size	mm	3,060 x 1,530
Acceleration	G	0.8
CNC Control Unit		MRT CNC Controller
Cutting Head		mCut
Max. Traverse Speed	m/min	115
Max. Table Capacity	kg	700
Absolute Positioning Accuracy	mm	± 0.03
Repeatability (X & Y Axis)	mm	± 0.02
Length	mm	5,120
Width	mm	2,280
Height	mm	2,600
Weight	kg	4,920