

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**



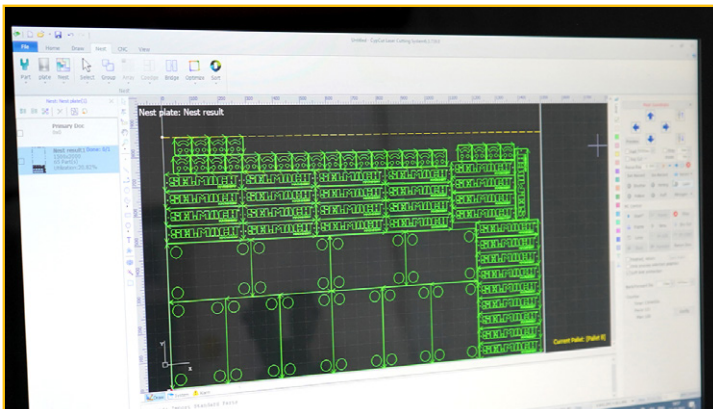
**mNest
Software**



**Anti-Collision
Torch Technology**



Rigid Structure



mNest Software

CUTTING CAPACITIES

LASER SOURCE			3kW	4kW	6kW
Material	Gas	Capacity			
Carbon Steel	O2	mm	22	25	25
Stainless Steel	N2	mm	12	12	20
Aluminium	Air	mm	10	12	16
Brass	N2	mm	8	12	14
Copper	O2	mm	6	6	10
Galvanised	N2	mm	8	10	14



mCut Torch

TECHNICAL SPECIFICATIONS

STOCK CODE			XE 3015
Laser Source	kW		3, 4 or 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

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