MORGAN RUSHWORTH
SINCE 1872

BENDING. CUTTING. EXCELLENCE



XE Fibre Laser Cutting Machine

The Morgan Rushworth XE compact fibre laser lasers 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

AMP

1.5m Bed Width

3m Bed Length

Up to 6kW Laser Power

0.8G Acceleration

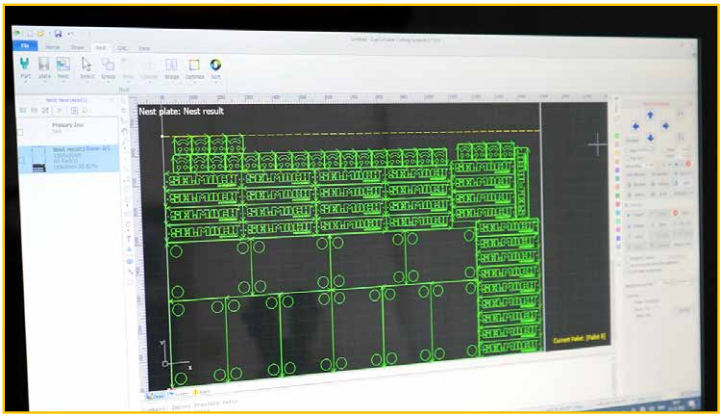
CypNest Software

Anti-Collision Torch Technology

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Rigid Structure



CypNest Software

MACHINE FEATURES

- High performance MAX Photonics Fibre Laser Source
- CypNest Software
- FSCUT Controller
- Fibre optic beam delivery system
- BOCI 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



BOCI Laser Cutting Head

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

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		FSCUT Controller
Cutting Head		BOCI
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