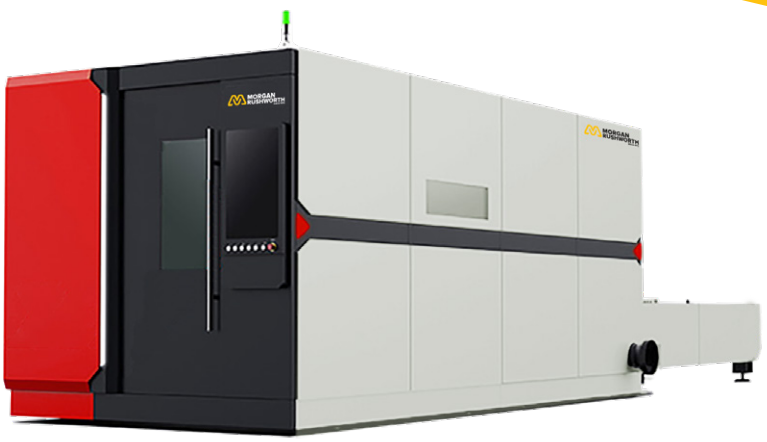
MORGAN RUSHWORTH
SINCE 1872

BENDING. CUTTING. EXCELLENCE

XP Fibre Laser Cutting Machine

The Morgan Rushworth XP CNC fibre laser cutting machine is available in a compact footprint, with a bed size of 1.5m x 3m, with M-Lase power sources ranging from 3kW through to 12kW.

All XP models are supplied with an automatic transfer table, allowing the operator to easily load and unload the material while cutting continues.



FEATURES AND BENEFITS

1.5m Bed Widths	3m Bed Lengths	Up to 12kW Laser Power	1.2G Acceleration	M-Nest Software	Integrated CNC Controller

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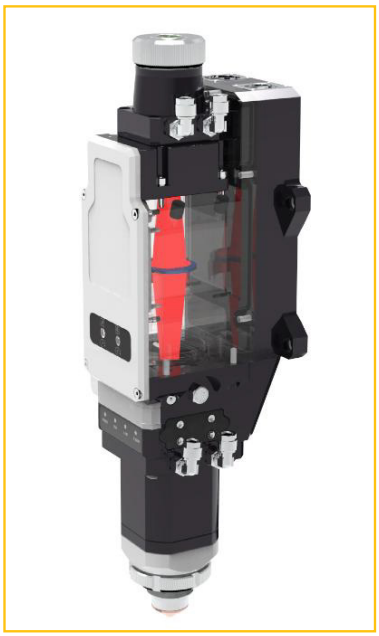
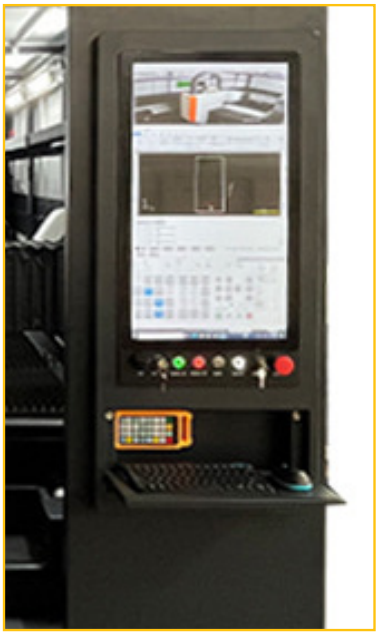


M-Cut Laser Cutting



Integrated MRT CNC Controller

MACHINE FEATURES

- High performance M-Lase Fibre Laser Source
- M-Nest Software
- MRT Controller
- Fibre optic beam delivery system
- M-Cut Laser Cutting Head
- Dual Shuttle Exchange Table
- S & A Chiller
- High strength, rigid gantry design to ensure high accuracy and consequently allow high acceleration
- Ultra high precision class alpha rack and pinion drive motion system
- Vertical drag chain for an even more efficient footprint
- Drawers fitted underneath the cutting table for the removal of small parts and scrap
- High speed dual pallet mechanical transfer table allowing cutting during loading and unloading
- CE compliant complete machine enclosure and light barrier system

OPTIONAL EQUIPMENT

- Fume extractor with filters
- Air compressor and dryer

CUTTING CAPACITIES

LASER SOURCE			3kW	6kW	12kW
Material	Gas	Capacity			
Carbon Steel	O2	mm	22	25	40
Stainless Steel	N2	mm	12	20	35
Aluminium	Air	mm	10	16	35
Brass	N2	mm	8	14	20
Copper	O2	mm	6	10	15
Galvanised	N2	mm	8	14	25

TECHNICAL SPECIFICATIONS

STOCK CODE		XP 3015
Laser Source	kW	3, 4, 6, 8 or 12
X Axis Travel	mm	3,050
Y Axis Travel	mm	1,530
Processing Size	mm	3,050 x 1,530
Acceleration	G	1.2
CNC Control Unit		MRT CNC Controller
Cutting Head		M-Cut
Max. Traverse Speed	m/min	80
Max. Table Capacity	kg	800
Absolute Positioning Accuracy	mm	± 0.03
Repeatability (X & Y Axis)	mm	± 0.02
Length	mm	8,771
Width	mm	2,260
Height	mm	2,460
Weight	kg	7,500