SELMACH™ MACHINERY

Making Metal Work

MORGAN RUSHWORTH
SINCE 1872

XR Compact Fibre Laser Cutting Machines

The Morgan Rushworth XR Compact is a range of compact fibre lasers equipped with a front-loading pull out table.

It's small footprint makes it perfect for tight workshops and restricted work spaces, while still allowing 1.5m x 1.5m cutting capacity.

Class leading components ensure superior cut quality, high reliability and reduced down time.

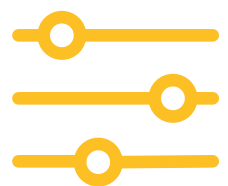## Features and Benefits

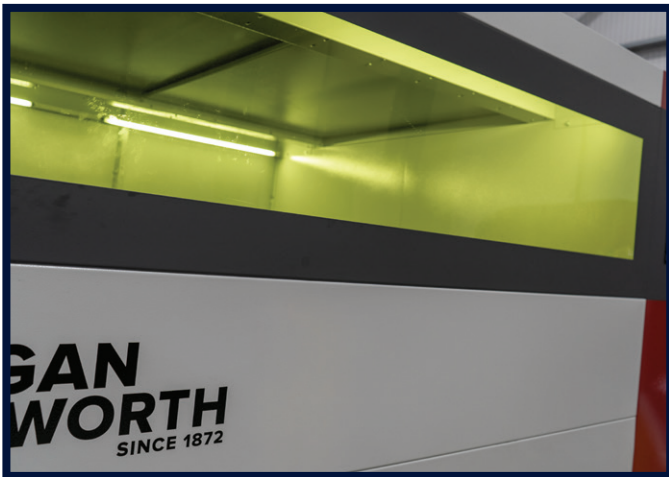| 1.5m Bed Widths	1.5m Bed Lengths	Up to 3KW Laser Power	1.2G Acceleration	Lantek Expert Nesting Software	Optional Extraction & Filtration

Machine Features

- High performance IPG YLG Fibre Laser Source (1, 2 or 3kW)
- Fibre optic beam delivery system
- Automatic Focus Laser Cutting Head
- High strength, rigid gantry design to ensure high accuracy and allow high acceleration
- Yaskawa Servo Motors
- Wittenstein Rack & Pinion
- CNC 19" TFT Controller Screen
- Lantek Nesting Software
- Chiller
- Lens protective glass
- Parts / Scrap collector drawer
- Front Pull-Out Table
- Automatic Nozzle Cleaning and Calibration
- CE compliant complete machine enclosure

Optional Equipment

- High Efficiency Extraction / Filtration System

19" TFT CONTROLLER

SAFETY GLASS

AUTO FOCUS LASER CUTTING HEAD

TECHNICAL SPECIFICATIONS

BED SIZE		XR 1515
Laser Source	kW	1, 2 or 3kW
X Axis Travel	mm	1524
Y Axis Travel	mm	1524
Z Axis Travel	mm	100
Rapid Traverse (X and Y Axis)	m/min	90
Vector Speed	m/min	125
Acceleration		1.2G (15 m/s2)
Maximum Sheet Size	mm	1524 x 1524
Feed Rate		Programmable up to 90m/min
Maximum table capacity	kg	1000
Positioning accuracy	mm	± 0.08
Repeatability	mm	± 0.03
Automatic Nozzle Cleaning and Calibration		Standard
Table		Front Pull-Out Table
Fume Extractor	m3/hour	2,500 (Optional)