

SELMACHTM

MACHINERY

Making Metal Work



XRM Fibre Laser Cutting Machines

Building on the impressive build quality of the XR series of Fibre Laser, the XRM is the next step in innovation for compact fibre laser. A single table with a moving cabin ensures that you take up a minimal footprint in your workshop, without sacrificing machine build quality, or cutting finish. Class leading components ensure superior cut quality, high reliability and reduced down time.

The range covers of 6kw or 12kw which with the high performance rack and pinion system for X & Y axis and rigid gantry and frame structure, results in fast acceleration, fast positioning speeds and fast cutting times. A user friendly touch screen CNC control allows parts to be programmed on the screen or imported from an office PC, providing flexible modes of operation.

The cabin section moves along a heavy-duty rack and pinion system, and opens up after cutting for easier parts removal and material loading. The cabin provides full CE safety protection for operators while keeping down costs.





**BECKHOFF
CONTROLLER**



CUTTING CABIN OPEN



**RACK AND
PINION SYSTEM**



CUTTING CABIN CLOSED



RACK AND PINION SYSTEM

Machine Features

- Fibre laser source available from 6Kw or 12Kw
- Raytools or Precitec Procutter cutting head with auto focus and anti-collision functionality (kW dependent)
- Servo motors and drives
- Heavy Duty rack and pinion system with automatic lubrication
- SMC automatic gas selection system
- 19" touch screen controller with part graphic view and extensive cutting parameter data base
- Beckhoff CNC controller, servo motors and drives - increases acceleration and positioning speed
- Automatic sheet edge detection with skew allowance
- Automatic nozzle cleaning and calibration
- Class leading Lantek software
- Moving Laser Cutting Cabin, with hinge mechanism
- Side Window viewing areas with laser protective material
- Light guard protection for cutting table
- Pull out Parts / Scrap Bins
- CCTV view of cutting action

Optional Equipment

- Fume extractor with filters
- Air compressor and dryer

TECHNICAL SPECIFICATIONS

STOCK CODE		XRM 3015
Fibre Laser Source		6 - 12kW
X Axis Travel	mm	3048
Y Axis Travel	mm	1524
Z Axis Travel	mm	100
Maximum Sheet Size	mm	3000 x 1500
Positioning Speed	m/min	65
Acceleration	G	0.6
Maximum table capacity	kg	900
Positioning accuracy	mm	0.05
Length	mm	5,100
Width	mm	2,400
Height	mm	2,100
Weight	kg	9,000