

MORGAN RUSHWORTH XL 6020.30000 FIBRE LASER CUTTING MACHINE

The Morgan Rushworth XL range of fibre lasers are equipped with a 3m x 1.5m up to a 6.5m x 2.5m cutting area with automatic shuttle table with dual pallet changer, enabling parts to be safely loaded and unloaded whilst the machine is still cutting. Class leading components ensure superior cut quality, high reliability and reduced down time.

The range covers from 1.5kW up to 40kW with the Yaskawa motors and drives for the X & Y axis and a rigid gantry and frame structure, resulting in fast acceleration, fast positioning speeds and fast cutting times. The mNEST control includes software for drawing parts or importing DXF files.

FEATURES

- Class leading mLASE fibre laser source
- mCUT cutting head with auto focus and anti-collision functionality
- Automatic nozzle cleaning
- Yaskawa servo motors and drives
- Advanced aluminium gantry
- Automatic gas selection system
- mNEST touchscreen controller
- CCTV system
- Automatic sheet edge detection with skew allowance
- Fast shuttle table change time
- Automatic lubrication system
- Door windows with laser protective material
- Light guard protection for shuttle table

OPTIONS

- Fume extractor with filters

TECHNICAL INFORMATION

MODEL	XL 6020.30000	
Fibre Laser Source	30.0 kW	
Maximum Cutting Capacity		
Mild Steel	mm	60
Stainless Steel	mm	50
Aluminium	mm	50
Brass	mm	20
Maximum Cutting Capacity		
Mild Steel	mm	80
Stainless Steel	mm	100
Aluminium	mm	60
Brass	mm	25
Copper	mm	12
X Axis Travel	mm	6000
Y Axis Travel	mm	2000
Z Axis Travel	mm	375
Maximum Sheet Size	mm	6000mm x 2000mm
Maximum Sheet Weight	kg	4750
Simultaneous Positioning Speed	m/min	115
Axis Acceleration	G	1.5
Positioning Accuracy	mm	0.03
Length	mm	14580
Width	mm	3430
Height	mm	2350
Weight	Kg	14385

OTHER IMAGES

