

ENGRAVE YOUR OWN LABELS TODAY - DON'T WAIT 3 WEEKS

50W CLASS 1 FIBRE PRODUCTION SYSTEM

MM151CP

High-output enclosed marking for larger plates and demanding workloads.

METALMASTER HIGH-OUTPUT CLASS 1 PLATFORM



Product image indicative; final supplied configuration may vary.

50W

FIBRE SOURCE

150 × 150 mm

RATED FIELD

CLASS 1

INTERLOCKED ENCLOSURE

10,000 mm/s

MAXIMUM SPEED

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BUSY MINE WORKSHOPS

CENTRAL TAG PRODUCTION

OEM MANUFACTURING

MULTI-USER FACILITIES

FINANCE FROM \$85/WEEK • ABOUT \$17/WORKDAY

260 weeks • 30% balloon • lender approval, fees and agreement conditions apply

WHY ENGRAVING SUPPLIES

- Configured to the job
- Operator onboarding
- National sales & support
- Materials + service pathway

BUILT AROUND YOUR WORKFLOW

A practical system is more than the laser: it is the machine, safe setup, repeatable files, suitable extraction, trained operators and a support path.

1

Increase throughput

A 50W source and 150 mm field suit larger plates and repeated production.

2

Place dense layouts

Camera, red-light preview and a fine spot support serials, codes and small text.

3

Control operator exposure

The commissioned interlocked enclosure provides Class 1 normal operation.

4

Build a complete cell

Add rotary marking, alternative lenses, filtration and a dedicated PC as required.

CORE APPLICATIONS

- Larger compliance and rating plates
- High-volume asset and serial tags
- Dense QR and data-matrix marking
- Tools, components and industrial parts
- Mine, plant and utility identification

COMPLETE KIT AND OPTIONS

COMPLETE KIT

- MetalMaster MM151CP 50W Class 1 system + F150 lens
- Carbon filtration system
- Preconfigured PC, HD monitor, keyboard + surge protection
- Annual service, six-month check + remote training/support
- Sample tag pack + capital-city delivery

COMMON OPTIONS

- Rotary attachment
- Alternative F110 or F220 lens
- Dedicated PC
- Fume filtration as process requires
- Service plan and material starter pack

KEY SPECIFICATIONS

LASER	50W fibre, 1064 nm
MARKING FIELD	150 × 150 mm rated field (F150)
SPOT SIZE	0.03 mm
MAXIMUM SPEED	Up to 10,000 mm/s
POSITIONING	Camera, red-light preview and dynamic focus
SOFTWARE	Engraving Supplies configured workflow
MACHINE SIZE	374 × 532 × 625 mm
WEIGHT	33.1 kg
CONNECTIVITY	USB-A
SAFETY	IEC 60825-1 Class 1 enclosed configuration

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SAFE USE + QUOTATION NOTES

- Class 1 applies only to the commissioned enclosed configuration with the safety interlock enabled and the door closed.
- The MM151CP model name is nominal; the configured F150 marking field is 150 × 150 mm.
- Suitable extraction, supervision and the supplied safe-work procedure remain required.