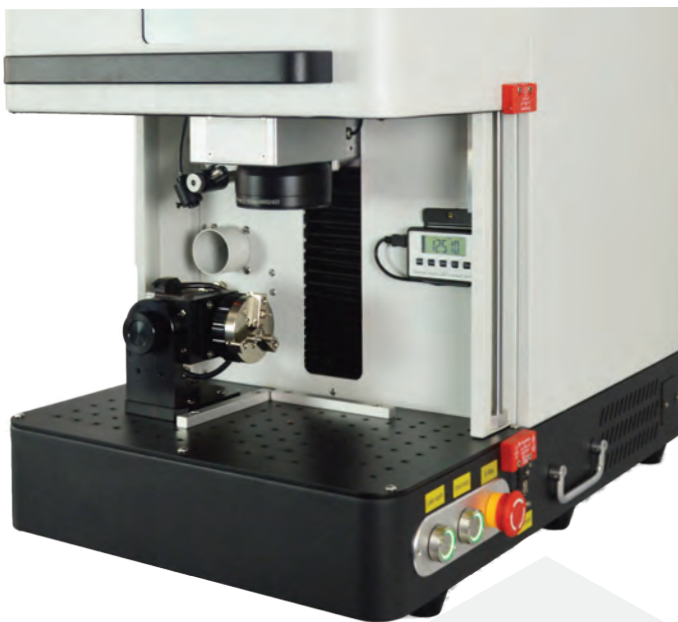


Fibre Marking Laser

Boxford fibre marking lasers are ideal for a large variety of creative and industrial marking applications.

The BFM110 is a compact, fully enclosed and easy to use bench top machine, giving customers the ability to permanently mark a wide range of materials, whilst maintaining a safe working environment.



Lightburn laser software
supplied as standard
(Windows, MAC & Linux OS
compatible)

Some of the many materials which can be laser marked and engraved:

Stainless steel
Mild steel
Tool steel
Shim steel
Aluminium

Anodised aluminium
Titanium
Brass
Copper
Silver

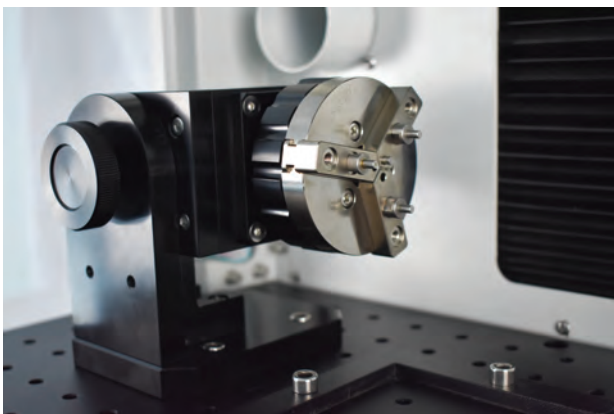
Gold
Bronze
Acetal
and more...

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	BFM110 20w	BFM110 30w	BFM110 50w
Marking area (mm)	110x110	200x200*	200x200*
Z axis travel (mm)	300	300	300
Laser power source	20w	30w	50w
Laser type	Fibre 1064nm WL	Fibre 1064nm WL	Fibre 1064nm WL
Beam quality	m2<2	m2<2	m2<2
Pulse repetition frequency	20-60KHz	20-60KHz	20-60KHz
Integrated laser cooling system	Air cooled	Air cooled	Air cooled
Minimum line width	50µm	50µm	50µm
Minimum character	0.3mm	0.3mm	0.3mm
Location precision (mm)	<0.01	<0.01	<0.01
Machine weight		90kg	
Dimensions (w x d x h mm)		470 x 720 x 740	
Mounting		Desktop	
Safety		Class 1 closed configuration	
Operating modes		Scan marking / engraving	
Power requirements		Machine: 220V 1ph @ 6A Extraction: 220V 1ph @ 5A	

Prices from (excl VAT)	£5,445	£6,095	£8,195
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*with optional additional 290mm focal length lens (110x110 work area when using included 160mm focal length lens)



Optional accessories:

- Automated tilting rotary device for engraving cylindrical objects
- Additional lens to increase marking area to 200mm x 200mm
- Filtered fume extraction

Included features:

- Lightburn laser software, compatible with Windows, Mac and Linux OS, allowing easy import of AI, PDF, SVG, JPEG, BMP, DXF and more
- Ability to mark logos, vector graphics and photographs
- QR code, bar code and sequential number marking capability
- Motor driven Z axis adjustment with digital focus height readout
- Dual red dot focusing system for quicker positioning
- Drilled and tapped machine bed for part location and jig customisation
- Operator cycle start foot operated switch
- Fully enclosed cabinet with CE marked failsafe door guard switches
- 12 months warranty (excluding consumable items such as extraction filters)



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