MAN TECH
Manufacturing Technology

Fibretech
Compact Fibre Laser Markers

INDUSTRIAL

FIBRETECH

Compact Fibre Laser Markers

FIBRE LASER MARKING SYSTEM

Machine Overview

Common Materials

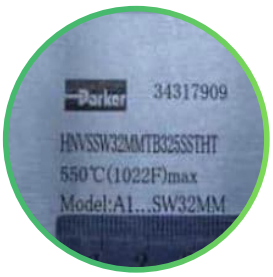
Mild Steel
Carbon Steel
Stainless Steel
Titanium
Copper
Brass
Aluminium
Anodised Metals
Hard Plastics

Our FibreTech METAL MARKING system is an industrial solution for marking the surface of metals and hard plastics. A compact full turnkey solution that comes with everything you need to start marking metals - **Laptop and software included**.

High speed metal marking, highly detailed and accurate marking system that is at home in many different sectors such as

Aerospace | Automotive | Sign Making | Fabrication | Protoyping

Mark tooling, parts, intricate designs, serial plates and so much more with high precision and speed.



"Compact metal marking solution that comes with everything you Need to start marking your designs to metal and hard plastics."

Specification

Standard Features & Equipment

High Performance Laser Source Options	30W, 50W RAYCUS.
Wavelength	1064nm.
Frequency	20-80Khz
Theta Lens system	100mm & 200 mm marking capacity lens included.
Marking speed (max)	7000 mm/s.
Cooling system	Air cooled.
Optional extraction unit	Available as optional equipment - air filtration system such as Purex/BOFA.
Focus system	Motorised unit for easy operation and focus.
Rotary unit	Rotary unit with self centering 3 jaw chuck. Angle adjustment, 50mm max dia (100 mm lens only) for use with items that are not flat such as jewelry.
Foot pedal	Operate your new fibre marker by foot pedal for easy repetitive marking.
Software	Ezcad - powerful CAD and control package
Compatible file formats	DXF, AI, DST, PLT, BMP, JPG, GIF, TGA, PNG, TIF etc
File transfer system	USB Cable
Laptop	Laptop with the software presintalled is included.
Bed size option	400 x 500 mm
Worktable Type	Machined bed with threaded ports for jig holding
Delivery	UK mainland included (Offloading and siting of the machine is the end user's responsibility; additional cost option if required). HIAB delivery also available, ask for details.
Installation	Our professional installation team will fully commission your new machine - customer must have the correct electrical available (we will advise you on what is required).
Training	Full operational training included, combined with basic software use.
Warranty	12 months standard parts and labour warranty with extended warranty periods available.

Intuitive Software - EZCAD

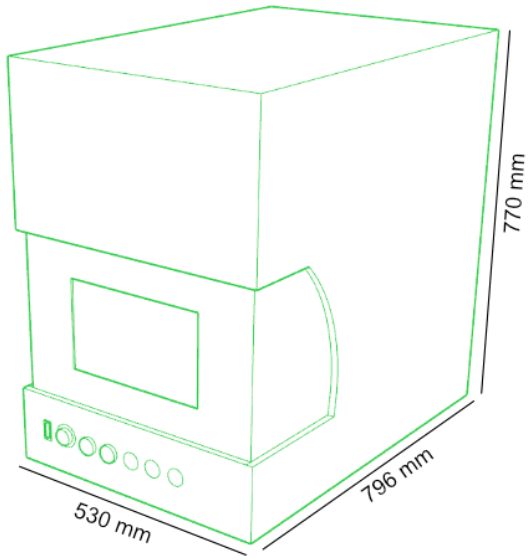
With every Fibretech metal marking laser you also receive EZCAD, a flexible software package that both controls the marker whilst also letting you use the software as a standalone drawing package.

Easily import files in popular formats from other design packages then use EZCAD to apply all of the relevant settings for your project. You can apply upto 256 different layers to your design elements varying speed, power, laser frequency etc to different parts of your design. This will affect shading and add depth (variation) to your design, altering appearance of the final result to your desired output.

Trutype font support, barcode support, excel and txt importing, node and curve editing, cropping and intersection, multi-layer processing.

Weight & dimensions

Model	Depth(mm)	Height (mm)	Width (mm)	Weight (Approx) (kg)
	840	810	540	120
Fibretech Marker				



Call us today to discuss your needs

ask to speak with one of our Fibre Marker Experts.

Tel: 0121 541 1444