



LASER MARKING

TECHNICAL DETAILS

The requirement for permanent marking of products is becoming more prevalent in many processes and industries. Whether required by safety regulations, law, accreditations or internal checking systems, it should be impossible to remove the information – either by use, deliberately or by accident.

TF Automation has manufactured special purpose laser marking, etching and engraving machines across a wide range of industries particularly for plastics, automotive and aerospace. The most important challenge in laser marking is getting it right every time to the desired finish and precision

Generally carried out as a validation after secondary operations such as leak testing or assembly, we can manufacture purpose built laser marking machines for the permanent marking of a serial number, CE marking, part number, QR code, real time bar coding, logo or other product information.

Working with reputed laser source suppliers, we have successfully commissioned and manufactured numerous projects for multinational clients across the world on both plastics and stainless steel, many as repeat customers.

APPLICATIONS

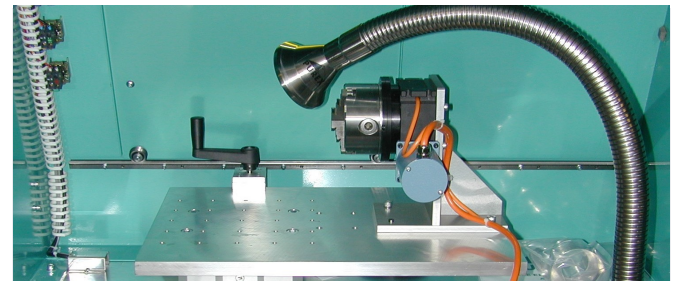
- Cut/crop steal strips with part-marking
- Laser marking for medical applications
- Security seal marking for Aerospace industry
- Laser marking of ID tags for turbo chargers
- VIN plates for motor vehicles



SS strip, linear fed laser marking - aerospace



Laser marking



Laser marking with fume extraction



Laser marking - medical application

GET IN TOUCH

TF Automation is a team of dedicated designers and engineers working with manufacturers across a wide range of industries on small to medium sized process automation projects. With over 40 years' experience, we have the ability to asses and understand the needs and requirements of each individual project and customer ensuring the best solution.

For more information on this and other projects, please contact us!

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