

REA JET

INDUSTRIAL CODING AND
MARKING SOLUTIONS -
MADE IN GERMANY

REA JET FL

Laser Marking Station with Autofocus Function



Tamper-proof and permanent Marking with light: Laser systems

As a stand-alone manual workstation the REA JET Laser Safety Enclosure provides a wide range of applications for laser marking on different materials, surfaces and product sizes.

The compact system is a convenient and easy to operate solution for low to medium volume production to permanently mark products, for example with logos, product information, dimensions and codes for traceability.

The REA JET laser workstation is an all-in-one solution of laser protection class 1. Operation is simple and safe, even for non-laser experts.

Areas of application for the REA JET FL Fiber Lasers:

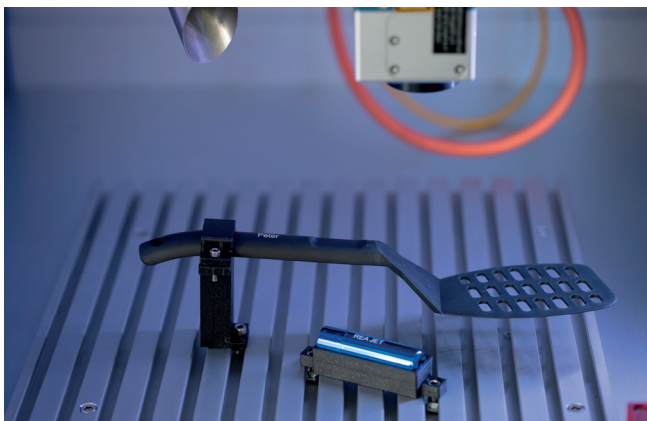
- Marking and control tasks for the industrial production process
- Engraving and annealing marking on metals
- High contrast marking of plastics
- Marking of ceramics
- Layer removal, e.g. day and night design
- Marking of foils



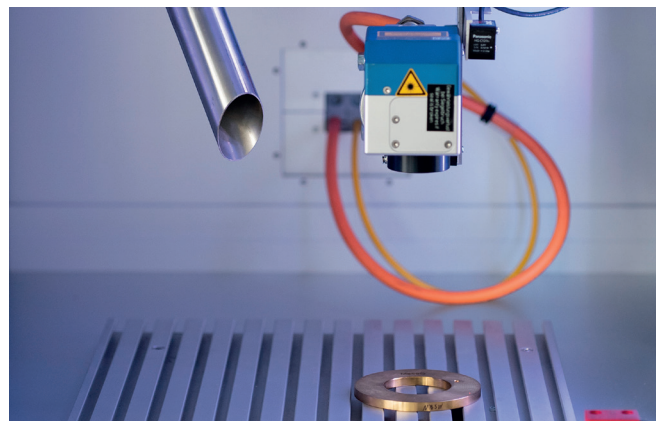
FL Laser Marking Station

Loftware
NiceLabel Compatibility: transfer of Loftware NiceLabel print layouts using REA JET's own printer drivers.

 **TITAN** The REA JET TITAN Platform.
The single operating concept for all REA JET technologies.



Plastic marking



Marking metal components

Most flexible laser workstation for various laser jobs

Benefits:

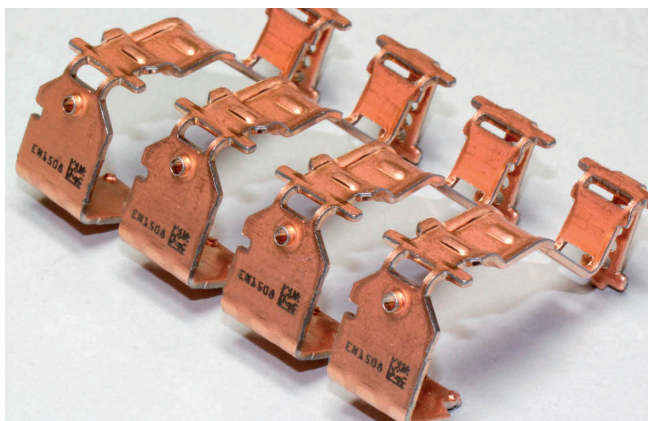
- Minimization of setup time - very fast Product changeover due to automatic Z-height adjustment with autofocus function
- Ready to mark solution
- Versatile - flexible manual workstation
- Batch size one to infinite
- Fully integrated single workstation solution of laser class 1
- Completely variable cabin design
- Optional rotary module, a conveyor belt application as well as an adapted cabin size
- Large cabin interior for easy loading and positioning of parts to be marked
- Possibility to mark parts larger than the selected marking area
- Easy adjustment of working distance by automatic Z-axis also when changing lenses
- Manual or automatic height adjustment of the laser head
- Adjustment of the X-direction of the laser head
- Easy and exact product positioning due to integrated pilot laser
- Layout display directly on the product, marking errors are eliminated
- External connection for suction units
- LED interior lighting
- Visual control during the laser process through laser protection glass
- Intuitive operation due to simple menu structure
- Illuminated control buttons
- Ergonomic height adjustment of the operating terminal
- Control via network-compatible REA JET TITAN operating platform
- Slot table for clamping devices ensures reproducible marking
- Optional: code verification with REA VeriCube



Marking of plastic parts



Aluminum marking



Marking of copper parts



Marking of metal parts

REA JET



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