



HOME

## Micromachining laser machine

This workstation answers all the micro-engineering requirements: able to process in 2D or 3D with optimal accuracy, it ensures an irreproachable work quality. Fully customizable, our technical team can install all the laser sources and the options needed to your process.

### PRODUCTS

- Complying with Machinery Directive 13849 and CE standards
- Workstation adapted for laser marking, welding, engraving, cutting, drilling and decoration
- Anti-vibration system
- Internal vision system
- 5 moving axis (repeatability  $\pm 0.6 \mu\text{m}$ )
- Confocal sensor guaranteeing the automatic refocusing of the laser beam (spatial resolution of  $1.5 \mu\text{m}$ )
- Large work area
- Class 1 Workstation completely secured
- Fully customizable
- Minimal maintenance
- Low operating cost
- Customized Human-Machine Interface
- User-friendly and intuitive software
- Powerful integrated diagnostic software allowing the laser analysis and remote control by our technical team

*2D or 3D laser workstation for micromachining*



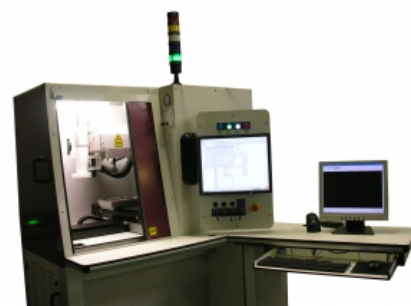
*Accurate laser machining workstation*



*Laser workstation with automatic door*

### Technical specifications:

Lasers	<b>es FLY, es CODE, es LASUV, es DRIFT</b> Others (nano to femtosecond, ultraviolet to infrared, pulsed or continuous)
Marking field	50 x 50, 65 x 65, 100 x 100, 150 x 150, 200 x 200, 300 x 300 mm
Options and accessories	Motorized X-Y table ( $\pm 0.05$ mm of accuracy) Internal vision system Rotary module Goniometer Automatic door Automatic supply and evacuation for workpieces Granite structure Side access doors for maintenances Fume extraction Automatic adjustable Z axis Red moving light Capacitive switch to start laser marking
Services	Maintenance contract Customized training Extended warranty

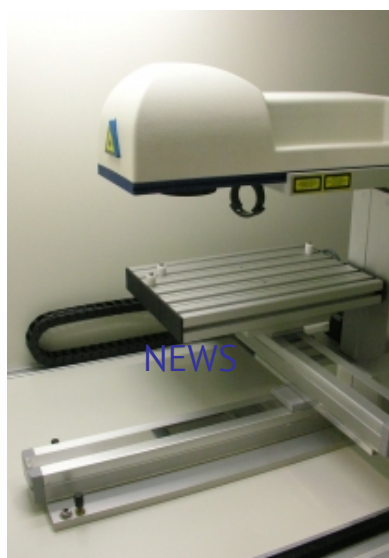


## APPLICATIONS

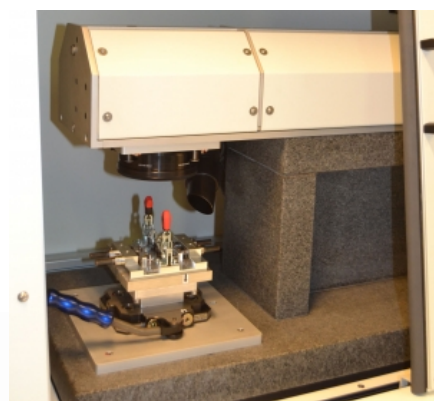
*Customized control interface*



*Accurate motorized X-Y table*



*Laser sources placed on granite structure*



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## GALLERIES

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