

# MiniMark



The MiniMark laser system is a Class 1 fully enclosed system that can be installed on any desk. It is compact, silent and available with the full range of fiber, CO<sub>2</sub>, and Green lasers.

The system complies with the latest CE and USA FDA, CDRH regulations. The laser is **fully integrated** into the structure, minimizing space requirements.

The MiniMark comes with a convenient **manual door** and with a **viewing glass** to allow a clear view of the marking field. There is an option to add one or two side doors to be able to easily insert pieces that are longer than the entire width of the machine. The standard marking area is Ø140mm but it is possible to install lenses with a different focal length to increase the field from Ø87mm to Ø220mm. The laser can be moved along the Z axis supporting work pieces up to 200 mm in height. The axis movement can be both manual and motorized with **integrated encoder** and **completely programmable from the PC**.

The motorized Z axis offers a **Joystick** as well which together when used with the **SmartFocus** can increase productivity by providing quick focusing and alignment of area to be marked.

The motorized z facilitates quick positioning and focus providing optimal marking on flat surfaces, cylindrical parts as well as complex geometries with curves and varying angles.

## Layout

## Technical Specifications

Working position	Seated - work bench
Working plane dimensions	550 x 400
Max weight on the plane	40Kg
Markable max height (ø 140mm)	200mm
Available marking areas	ø100, ø140, ø220
Options which can be installed	C axis, drawer, side door
Type of laser	FiberFly, FlyAIR, FlyGreen, CO <sub>2</sub>
Vision system	Possible - not recommended
Type of engine	Up to 2 motors with encoder
Joystick	At lever for controlling Z axis
Type of door	Manual
Exhaust fan and filter	Optional - which can be integrated
Software	FlyCAD - FlyControl integrated
Pc and monitor	Supplied by Lasit but separate
Total weight	110Kg
Power supply	110-230 Vac - 50Hz

