

## iLaserBox 1000

DATA SHEET

FLOOR STANDING LASER  
MARKING WORKSTATION



**iLaserBox 1000** by **MACSA**

Complete. Compact. Affordable.

# iLaserbox 1000

Floor standing system that configurable with different options.

iLaserBox 1000 workstation is a floor standing unit that has been designed for both seated and standing operation.

The workstation is fully compatible with the Series F DUO and Series D DUO ranges of Macsa lasers.



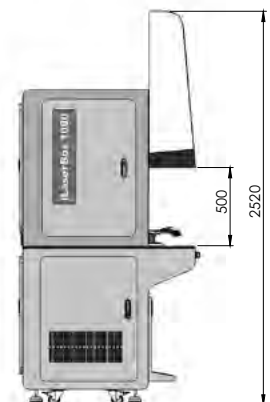
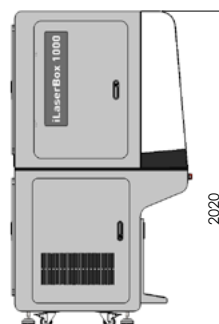
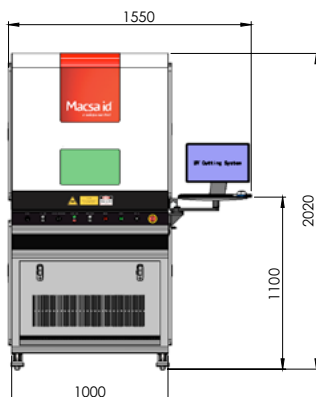
### Benefits:

- Provides a laser safe Class I enclosure for the safety and well-being of the operator.
- Facilitates marking of large workpieces
- Achieves consistent and high precision marking results
- Improves throughput due to Programable Z-Axis and step and repeat option
- Includes option for additional X/Y axes enabling semi-automatic operation to optimize operator productivity
- Provides option for operator to be seated or standing for comfortable operation.
- Side doors can be removed for easy integration into production lines

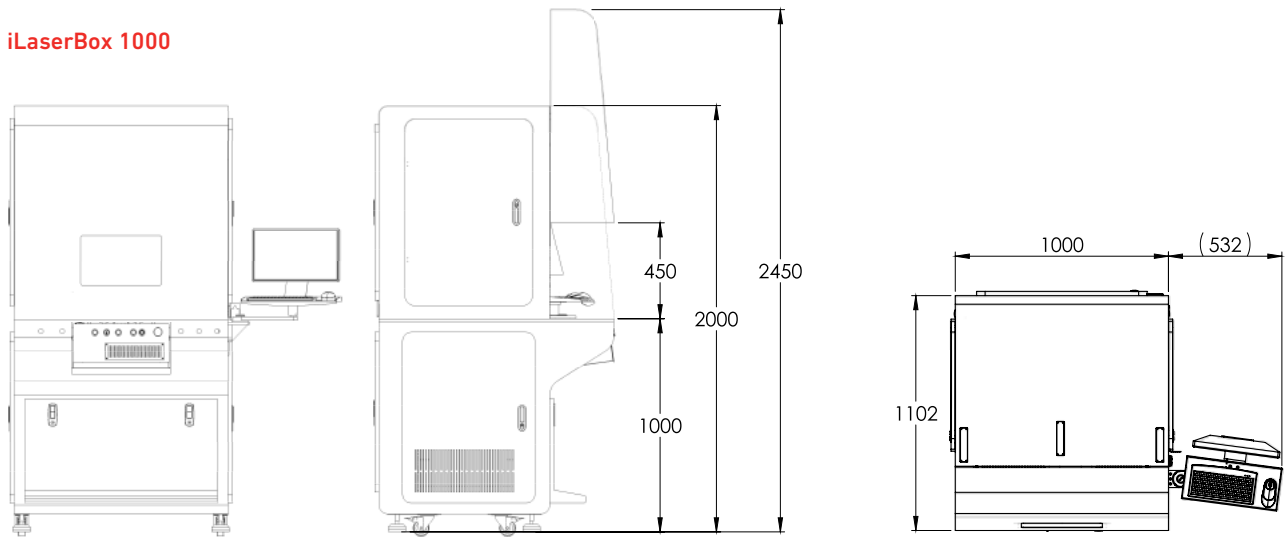
### Special features:

- Automatic door opening when marking is finished (can be deactivated)

- Programmable Z axis for quick and precise focal position adjustment for different part sizes.
- 'T' slot tool rail for easy loading of products
- Ergonomic computer arm is provided four mounting a laptop or the display and keyboard from a desktop computer.
- Port for extraction unit
- Viewing window
- Option for additional X/Y axes to enable 'Step & repeat' operation.
- Option for rotary axis to mark cylindrical components
- Option for rotary axis to mark cylindrical components



## iLaserBox 1000



Dimensions (mm)	1000 w x 2000 h x 1100 l (Door closed) 1000 w x 2450 h x 1100 l (Door open)
Weight (excl. laser)	369 Kg
Lens	60 x 60 mm 100 x 100 mm (standard) 160 x 160 mm 212 x 212 mm (restricted part height)
Door opening	450mm
Power requirements	150 VA (excl. laser)
Z-axis travel	500mm
Internal Light	LED with dimmer switch
Class IV override	Yes
Cooling	Air
User interface	Touch Screen, PC
Door Type	Powered, electric.
Maximum Part height	300mm with 100 x 100mm lens 180mm with 160 x 160mm lens 70mm with 212 x 212mm lens
Compatible lasers	F Series D Series
<b>Accessories</b>	
Open door red pointer diode	Needed to view simulation when door is open
Rotary Axis	Rotary axis with 3 jaw 65mm chuck and tilt plate
Integrated XY axis	600mm travel in X and 200mm travel in Y

\* Workstations are built from welded steel construction.

# SIGTECH AG

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Hauptstrasse 72  
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