

iLaserBox 600

DATA SHEET

MID-RANGE LASER MARKING WORKSTATION



iLaserBox 600 by **MACSA**
Complete. Compact. Affordable.

iLaserbox 600

Fully featured bench top system

iLaserBox 600 is a fully featured benchtop laser marking workstation designed for operation with the Series F and D of laser ranges from Macsa.

It is suitable for medium to high production rates.

Not only will your throughput increase but also your flexibility and marking quality together with the safety, well-being and comfort of your operator.

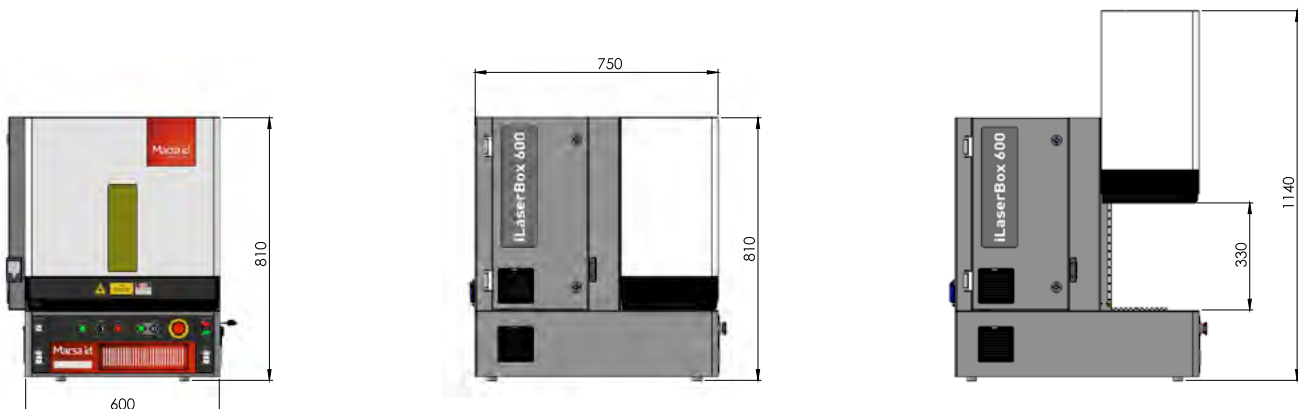


Benefits:

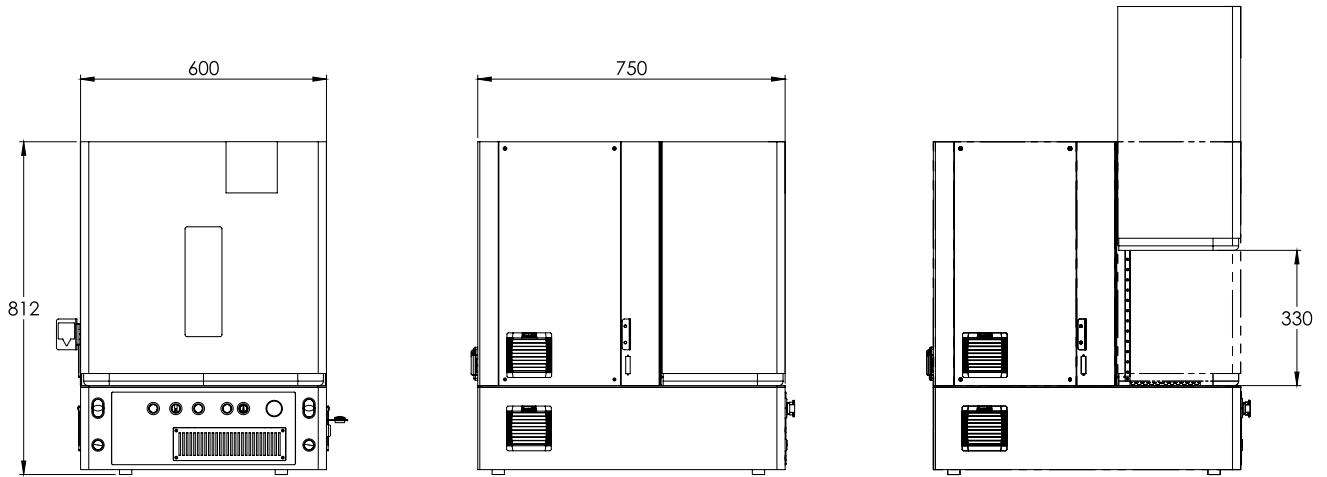
- Marks different products with minimal set-up time thanks to automatic adjustment of the laser to a pre-programmed Z-position
- Ensures the safety and well-being of the operator.
- Achieves consistent and high precision marking results
- Minimizes part setup times with programmable Z-Axis
- The automatic door reduces the risk of repetitive stress injuries to the operator
- Easy installation and set-up.
- Includes an option for the installation of a rotary axis for marking cylindrical components.
- The wraparound door provides unencumbered access for part loading and unloading.

Special features:

- Class IV override mode for marking oversize parts
- Programmable Z axis for quick and precise focal position adjustment for different part sizes.
- Standard configuration includes a programmable Z-Axis and a motorized door.
- 'T' slot tool rail for easy loading of parts
- Port for extraction unit
- Viewing window
- Option for rotary axis to mark cylindrical components



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Dimensions (mm)	600 w x 810 h x 750 l
Weight (excl. laser)	101 Kg
Lens	60 x 60 mm 100 x 100 mm (standard) 160 x 160 mm
Door opening	330mm
Power requirements	150 VA (excl. laser)
Z-axis travel	400mm
Internal Light	LED with dimmer switch
Class IV override	Yes
Cooling	Air
User interface	Touch Screen, PC
Door Type	Powered, electric.
Maximum Part height	200mm with 100 x 100mm lens 80mm with 160 x 160mm lens
Compatible lasers	F Series D Series
Accessories	
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

* Workstations are built from welded steel construction.

SIGTECH AG

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