

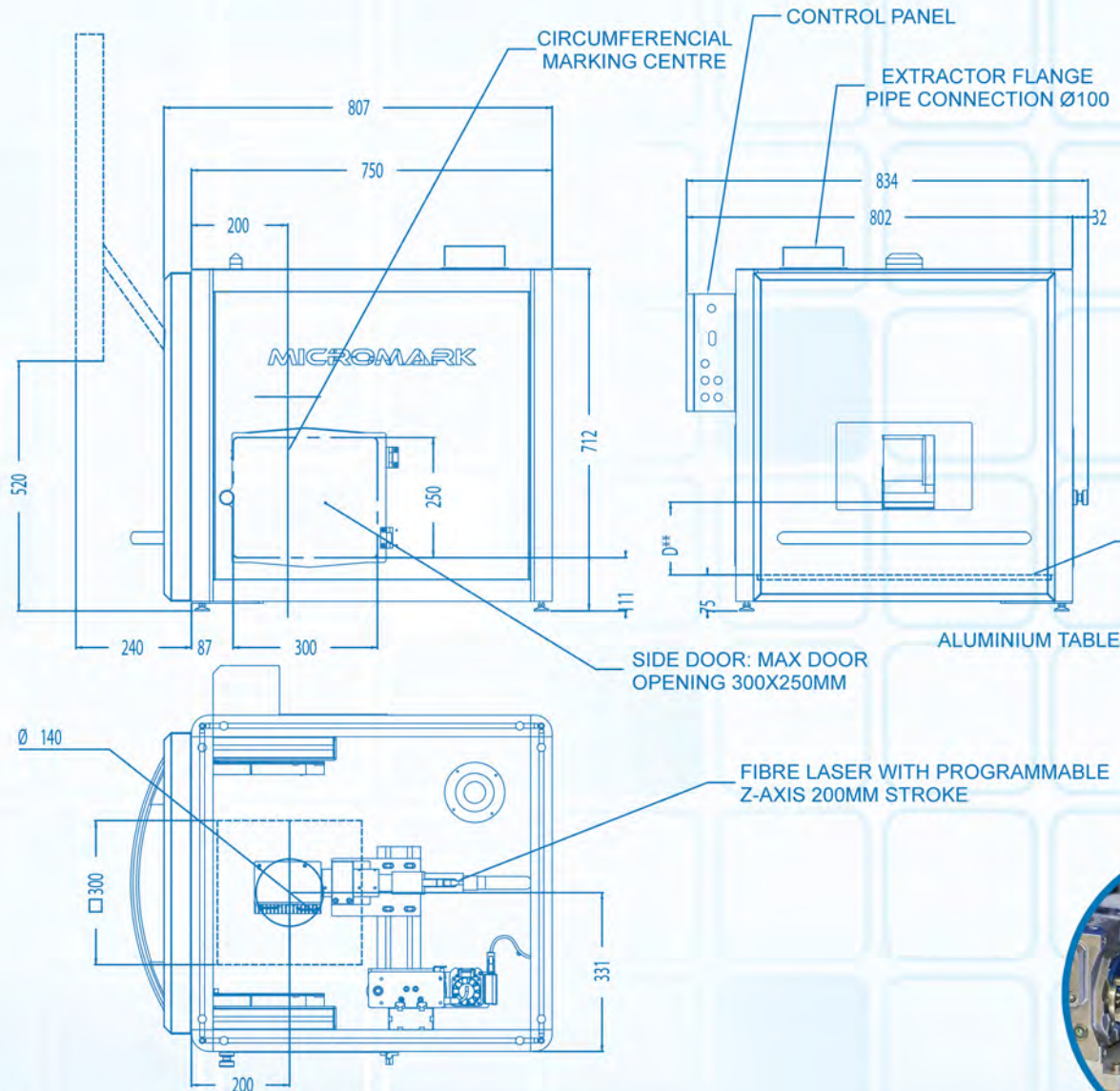
# MicroMark



The MicroMark is a Class I laser marking station. The MicroMark is a **fully enclosed compact desktop system** fully CE and USA CDRH certified. The MicroMark comes with a convenient manual door and with viewing glass to allow a clear view of the marking field. The standard marking area of the machine 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	615 x 410
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, rotating head, 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 folding door
Exhaust fan and filter	Supplied by Lasit Which can be integrated
DMX player	Optional
Pc and monitor	Supplied by Lasit but separate
Weight	100Kg
Power supply	110 - 230 Vac - 50Hz

