

TowerMark

Product Description

The TowerMark is an extremely versatile marking system and can be used both manually and in combination with a **robot for loading/unloading**. All components are housed inside the cabinet below which is part of the main structure. The system can be moved easily with a **pallet jack** or is also available with wheels. The door can be both manual and pneumatic. The large viewing glass and interior lighting system provide a clear view of the objects to be engraved and simplify their positioning. The working area is 620x450mm and the marking area ranges from 100mm up to $\varnothing 310$ mm depending on the choice of lens (100mm, 160mm, 254mm, 320mm, 420mm). The Z axis, operated by the **FlyCAD marking software provides** for marking of various thicknesses from 0 to 450 mm. The motors with **encoder feedback** can also be controlled via the Joystick and the **SmartFocus** providing instantaneous focus. With these features the operator can easily **find the correct position** and focus on all flat, cylindrical and complex geometries with curves and special angles. Another optional feature is a special pull out drawer to speed up the loading and the unloading of the pieces to be engraved. Other special options include a rotary axis (rotary indexer, 5 collet, through hole rotary) providing another axis for the **continuous marking** of cylindrical parts, a rotating scan head for the marking of cylindrical and angled parts up to 90 degrees, and a table with a 300 mm stroke to increase the working area.



Additional Information

Working position	stand up
Working plane dimensions	620 x 450
Max weight on the plane	100kg
Markable max height (\varnothing 140mm)	450mm
Available marking areas	$\varnothing 100$, $\varnothing 140$, $\varnothing 220$, $\varnothing 310$
Options which can be installed	rotating axis, direct rotating axis, tilting rotating axis, rotating head, metal sheet tightener, x table
Type of laser	fiberfly, flyair, flyair green, fiberfly green, flyco2
Vision system	optional – both ttl and reflex
Type of engine	up to 4 motors with encoder

Joystick	included
Type of door	manual or pneumatic
Exhaust fan and filter	integrated into the base – optional
Pc and monitor	integrated into the base and monitor holder
DMX player	optional
Weight	300kg
Power supply	110 – 230 vac – 50hz
