

TOWERMARK X

Efficient and versatile
laser marker





ACCESSORIES

- Barcode reader
- Software interface between Barcode reader and ERP system
- W axis standard resolution 61.440 steps/rev, ø100 chuck without bar pass thru arrangement
- Integrated 3-stage suction system with hepa filter
- Manual or motorized rotary head
- Vision system TTL or lateral
- Metal Sheet Tightener

The **TowerMark X** is an extremely versatile and configurable laser marking machine in order to meet a wide range of needs. It can be equipped with different types of laser sources (CO₂, Fibra, FlyAir, FlyAir Green, Fibra Green, UV).

The main feature of the TowerMark X is an innovative system that moves the laser along the X and Z axes, allowing for the marking of individual pieces in all different sizes as well as – and especially – pallets as long as 600 mm x 100 mm. This is done in such a way so as to not obstruct the work area of the marking machine at all and to utilize all available space.

Considering his working area, TowerMark X is a very small and compact stand-alone marker, with the possibility to integrate different accessories, meeting a wide range of needs.

TECHNICAL FEATURES

Working Position	Stand Up
Working Plane	750x575 mm in hard anodized aluminum
Available Marking Areas	600x100 mm/FFL 160 655x155 mm/FFL 254 685x185 mm/FFL 254
Total Weight	350 kg
Max. Weight on the Plane	120 kg
Max. Markable Height	400 mm/FFL 160 300 mm/FFL 254 200 mm/FFL 330
Type of Door	Manual or Pneumatic

Type of Laser	Fiber/Mopa/Green/CO ₂ /Pico/Uv
Laser Power	20-30-50-100 W
Pointer for preview	First Class (safe) with red light
Machine Size	Height 2200mm Width 880mm Depth 870mm
PC, Monitor and Software	Included, provided by Lasit
Type of Engine	Up to 4 motors with encoder
Power Supply	230Vca ±10% 50/60Hz <1000VA

TOWERMARK X

Complete and reliable
laser marking system



VERSATILITY



TowerMark X is equipped to upgrade with the TTL vision system, ideal for laser marking on very small details, where extreme precision and high definition are required. Moreover, it is possible to add rotary axes in order to mark cylindrical parts.

HIGH PRODUCTIVITY

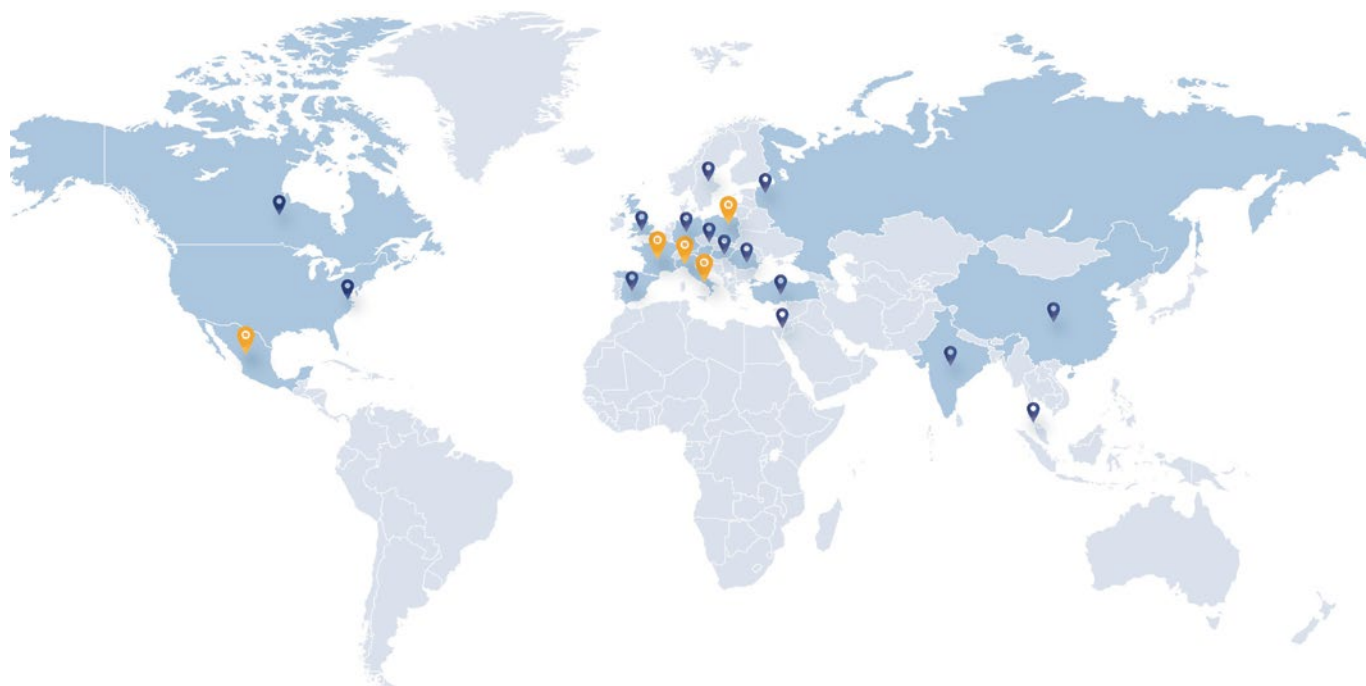


The useful stroke of the X axis is 500 mm and this allows you to increase the marking area to 600x100 mm. In this way it is possible to mark an entire pallet and to mark in different positions the same component.

MOTORIZED Z AXES



TowerMarkX's Z axis allows marking details up to 400 mm. The sliding guide uses ball bearings and ensures speed, precision of movement, excellent rigidity and durability. The Z axis is fully programmable with Fly-CAD and you can automatically mark different parts of the design at different heights. The Joystick, combined with SmartFocus, allows you to move the Z axis manually to find the right focus distance even on complex articles.



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