The LaserTop410

A Compact Laser Marking Workstation

Simple & Reliable

The Technifor LaserTop 410 makes **precise, reliable laser part-marking** accessible to all and easier than ever thanks to its innovative design and user-friendly control software.

Enhanced Productivity

With its **compact and durable housing**, the LaserTop 410 is ideal for hard-working production environments. **Fully enclosed,** it needs no additional safety equipment, runs using single-phase power and can be operated with minimum training.

- **The unit's large counter-balanced door** and ergonomically laid-out controls allows parts to be loaded quickly and easily.
- **The well-lit marking area** is visible through a large, laser protective viewing glass.
- **Parts are aligned** using a red pointer and motorized height adjustment with position display.
- **The T-slot table** makes changing fixtures quick and easy.
- **The spacious working area** can accommodate parts up to 330mm (10") in height, depending on the lens type in use.

Marking Versatility

- The LaserTop 410 control allows the creation of texts from fixed or variable data, symbols, barcodes & Data Matrix™ … with **simultaneous display** of the marking parameters.
- The operator selects features with one-click or by scrolling through menus and can import graphics and logos, link with or **create databases** and **link with other external files.**

TD410 Diode-pumped Laser performance

- Based on the globally successful Technifor TD410 laser marking system, the LaserTop 410 delivers **high quality marking** as standard, with excellent beam precision and consistent repeatability.
- The LaserTop 410 is able to mark **a wide range of part materials at high speed,** including metal, plastics and ceramics.
- Thanks to an efficient air-cooling system and a diode life of more than 10 000hours, the LaserTop 410 has longevity built in and is virtually **maintenance free.**

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A MARK WHICH DEFIES TIME

TECHNICAL CHARACTERISTICS

TD410 diode-pumped Laser

Resolution	< 3 µm
Lenses available	F-100 / F-160 / F-254
Marking area	70x70 / 120x120 / 180x180mm
Control unit UC410-Rack 19"	L 485 x W 480 x H 267mm

Weight & dimensions: (laser included)

Weight	75kg
Dimensions	W 590 x H 827 x D 806mm
Slotted table	W 500 x D 350mm
Marked parts	W 400 x H 330* x D 300mm
maximum dimensions	*(ref. Height table)

Included:

- Motorized Z-axis – travel 265mm
- Red pointer
- T700W marking software
- F-160 Flat Field Lens

Safety & protection:

Class 1

Conformity to european and USA/Canada standards

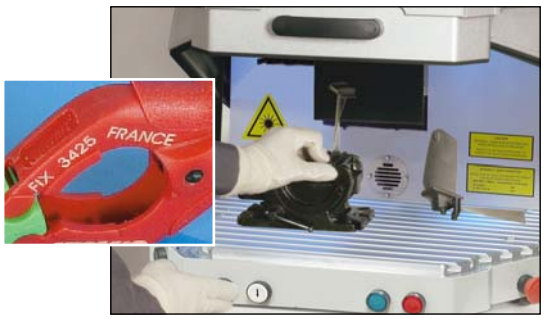
Power supply:

Power supply	115/230 V
Electrical consumption	< 800 W
Cooling system	by air

Options:

- Fume and dust extraction systems:
  -Vacuum tube on marking area
  -Fume and dust extractor
- Circular marking device DMC11
- Handheld Data Matrix™ reader

Table and computer : optional



Plastics and metal marking

Circular marking system

Traceability functions integrated

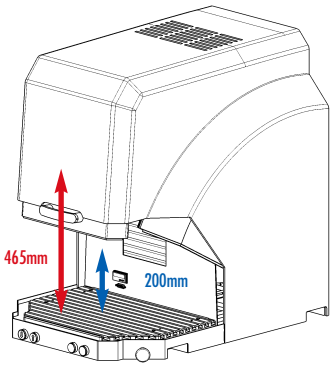
CLEARANCE UNDER THE HEAD

Maximum head adjustment height: 465mm from worktable

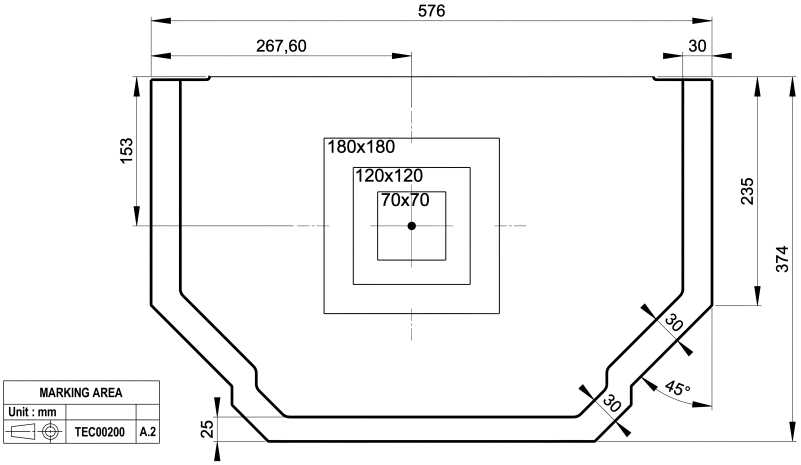
Minimum head adjustment height: 200mm from worktable

Calculate the part's dimensions depending on the lens used

LENS	F-100	F-160	F-254
Working distance	135mm	215mm	345mm
Maximum height of parts to be marked (465mm-working distance)	330mm	250mm	120mm
Minimum height of parts to be marked (200 mm-working distance)	65mm (part or part + fixture)	-	-



WORKTABLE



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CERTIFIED QUALITY MANAGEMENT SYSTEM ISO 9001:2000 DNV