

# Graphix station

The laser marking of tomorrow

TECHNOmark  
GRAPHIX  
ALL IN ONE  
LASER STATION

20W



LASER TECHNOLOGY



STATION USE



SMART VIEW FUNCTION

**GRAPHIX**.series<sup>®</sup>

LASER MARKING ACCESSIBLE TO ALL

# Graphix station



SMART VIEW FUNCTION



MATERIALS DATABASE



MULTI-LEVEL MARKING



We have rethought the way we design and develop our products. Today, our marking solutions are the result of direct customer feedback across a wide range of applications.



## Station use

1.

The parts to be marked are taken to a marking area

2.

The machine is placed on a workbench

3.

Ability to create multiple marking areas in the workshop



## Fibre laser technology

- Fibre lasers transmit a high frequency light to a galvo head which focuses and positions the light beam onto the component with great precision
- Non contact marking on most types of substrate (see material table)

ALL-IN-ONE STATION

# On-board marking head and electronics



**Assisted door opening**  
with 2 positions for easy access to parts

**Motorised column**  
Digital Z-axis control, 400 mm working stroke

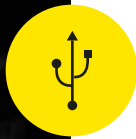
**Loading capacity**  
500 x 500 x 400 mm



3 power ratings available: 20W, 30W and 50W



Illuminated marking area



3 USB ports



Network connection via Ethernet port

## A wide range of options

- Side opening (single or double) for the loading of long parts
- Rotating axis for circumferential marking
- Retractable drawer for keyboard and mouse
- Fume extractor



Small to large series



Small to medium-sized parts





GRAPHIX.series®

2 sizes of marking window available depending on the focal length

100\*100 mm

140\*140 mm

MARKING HEAD

High performance  
with camera



Scan speed 12m/s



Fibre Laser



**Smart View function thanks to the on-board camera**

- Direct view of the part being marked on the screen
- Dynamic live positioning of the marking data on the part

Note: Software developed by Technomark, laser head co-developed by Technomark and Scanlab

\*Class 1 fibre laser station conforming to machine directive 2006/42/CE, compliance of standard NF EN ISO 13849-1 / Ple door security functions

SOFTWARE

# Laser marking accessible to all



2 operating modes



**Creation mode**  
Design of marking files



■ Simplified settings for novice users



■ Advanced settings for experts



**Production mode**  
Producing a mark

■ Reduced risk of error

■ Optimizing productivity



## Materials database

Create marking files in a few clicks:

- Material selection
- Select type of mark from 3 criteria



## Multi-level marking



- Optimisation of the laser path in 3 dimensions thanks to the multiplane software function
- Optimised implementation with Smart View function
- Marking on different heights of a part (stepped or curved shape)

3D Marking

OUR ADDED VALUE

# Long-term support

## Pre-sale



FEASIBILITY  
STUDY



SAMPLES  
MARKING



ON-SITE  
TESTING



CUSTOMIZATION

## After sales



HELPLINE



TRAINING



SERVICE AND  
MAINTENANCE CONTRACT



REPAIR



LOAN OF  
EQUIPMENT

**TECHNO**mark<sup>®</sup>  
——— smart traceability



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