Gravotech

Technifor   Gravograph

LASER WORKSTATION LW2

LASER ENGRAVING SOLUTION

LW2 TOUCH

SAFE, MULTIPURPOSE AND ROBUST

LW2 TOUCH

LASER ENGRAVING WORKSTATION

Automatic door with anti-pinch system

U door with a large protective viewing window

LED Lighting for user comfort

Intuitive touchscreen computer-free automatic mode

H

Motorised and programmable Z-axis for height adjustement (295mm stroke)

Large and robust working area with mounting holes L 502 x P 477 x H 322 (mm) *

P

L

	L622 X P600 X H773 (mm)
	60 without laser (kg)
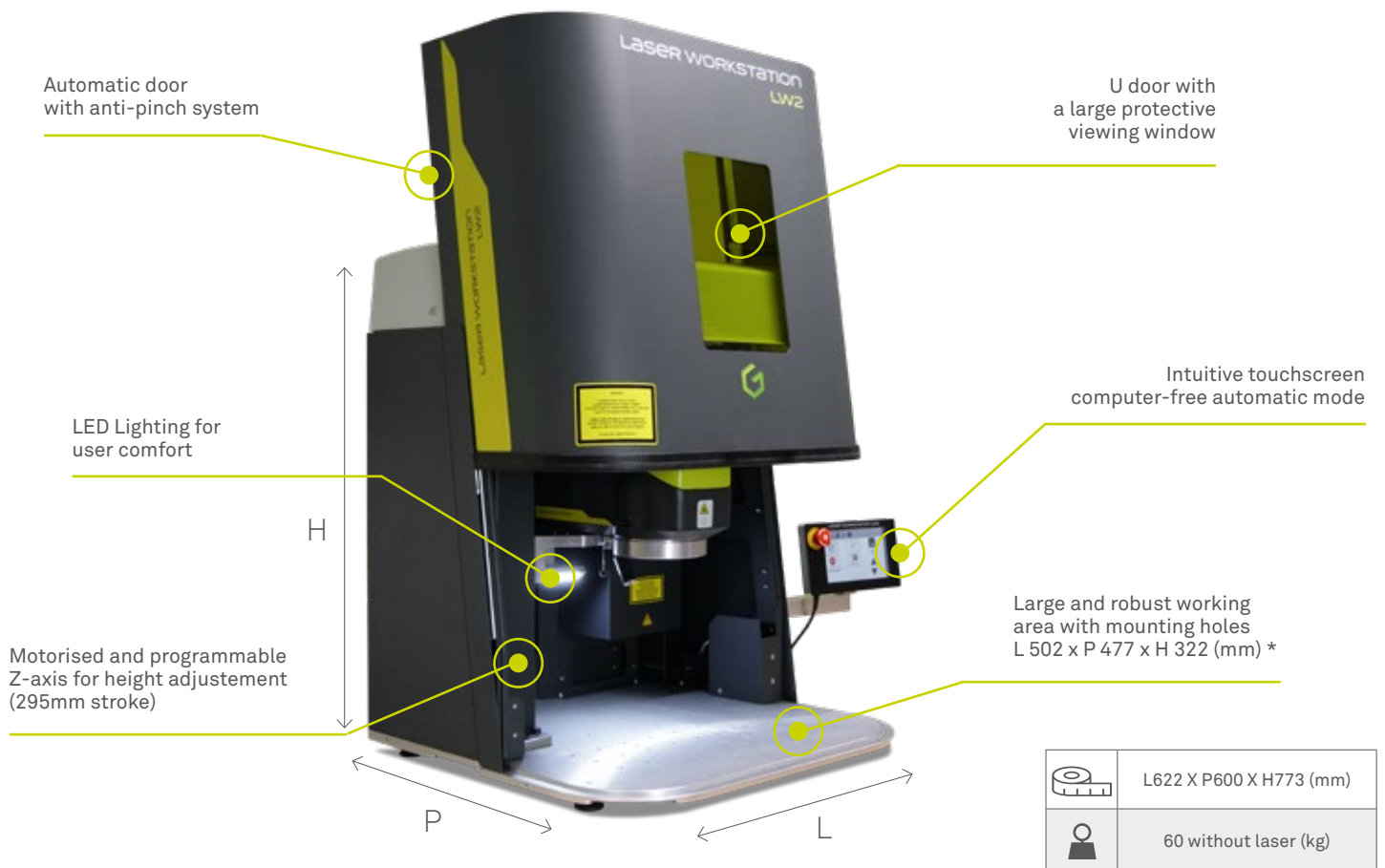
* Depending on the laser focal length

BOOST YOUR PRODUCTIVITY

1		
UNIT MARKING	**BATCH MARKING**	**INTEGRATION IN PRODUCTION CELL**

- **Autofocus assistant** with focusing diodes, vertical Z-axis adjustment and preview of the marking area.

- Quick and intuitive settings thanks to the **touch screen.**

- **Mark all your files:** texts, logos, vector files, photos and 2D codes (Datamatrix, QR code, MQR code, barcode, etc.) and Unicode.

- Load & mark **without a connected PC and without errors**.

- **Simultaneous high-volume marking of workpieces of different shapes & sizes.**

- **Examples of parts:** valves, cylindrical tools, mechanical parts, surgical tools, keys, electronics, electrical components, etc.

- **Fully controllable by a PLC** (Programmable Logic Computer).

- **Robots or cobots can** load and unload the parts and control the opening of the door.

- **Performance:** 1 cyle (door opening or closing) in 2 sec. With about 2 000 cycles/day, LW2 Touch can perform more than +750 000 cycles/year.

Gravotech has been creating specific engraving solutions for more than 80 years: our creations set the standards. Our brand manufactures machines, software, consumables and services, our 360° offer supports you in all your marking needs. Present in more than 100 countries, used by everyone from independent craftsmen to international heavy industry.

Discover LW2 Touch™, the perfect laser engraving machine to boost your productivity!

SAFE & SECURE
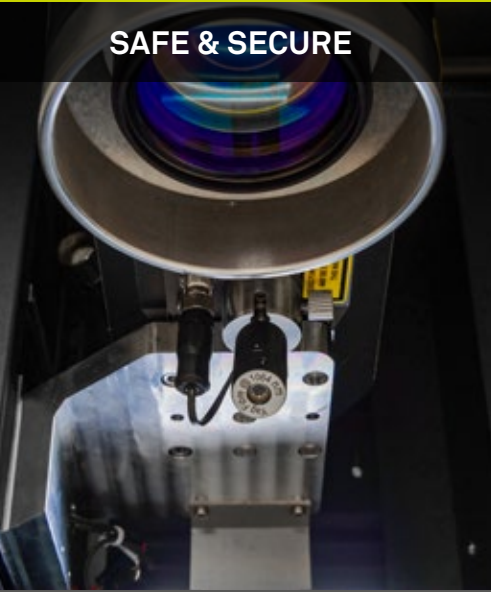
- Maximum security certified Class 1. Large window to visualize marking without glasses.
- Automatic opening and door closure with security (interlock) and anti-pinch systems.
- Physical emergency stop and fumes extractor for a complete protection of the user.

TOUCH SCREEN

- Markings control, management and launch from the touch screen and its simplified interface.
- Laser control: door, focus and vertical Z-axis adjustment, lighting and extractor.
- Jobs control: choose, launch and manage your jobs.

ACCESSORIES

- Automatic plate feeder for ID tag marking production.
- Rotary device for cylindrical part marking.
- Fume extraction to protect users from dust and smoke.
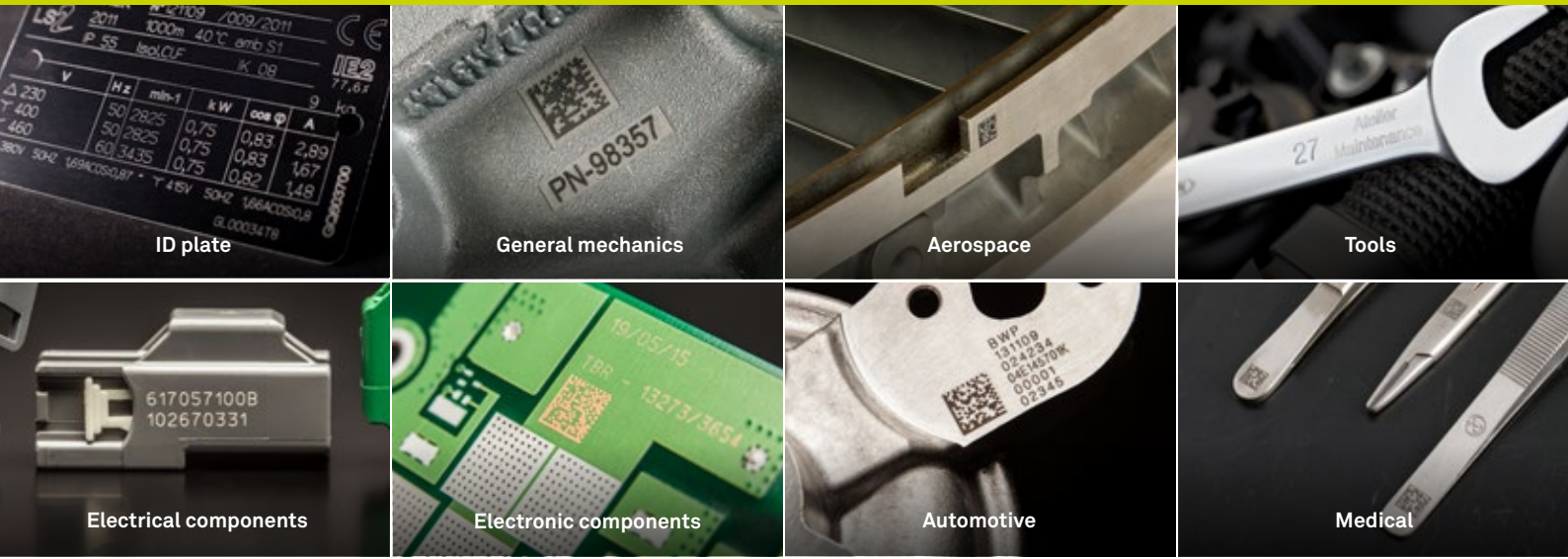
IDENTIFICATION FOR TRACEABILITY SOFTWARE

CREATION SOFTWARE

LASERTRACE™

GRAVOSTYLE™

- All 2D code formats: Datamatrix, QR codes, UID and UDI, 1D-2D barcodes, etc.
- Serial numbering and codification: counter, variables, shift codes, timestamping, etc.
- Multilingual & Unicode
- Library of pre-sets by material, marking colour chart
- Link to databases: ODBC, Excel, ASCII, etc.
- Import PLT, PDF , DXF , SVG , DWG files
- Job control: auto log files, historic, duplicates, quality check

- Import, create and retouch your logos, texts, photos
- Engraving several items at once with variables, in relief and 3D
- Compatible with all file types: EPS, JPEG, PNG, BMP, PDF, DXF, etc.
- Advanced engravings: photos, bas-relief, specific tool path
- Built-in wizards and tutorial videos
- Mark with any font in any language

| ID plate | General mechanics | Aerospace | Tools |
| Electrical components | Electronic components | Automotive | Medical |

A LASER FOR EVERY MATERIAL

		FIBER	HYBRID	GREEN	CO₂
METALS	Steel, stainless steel	●	●	●	
	Aluminium	●	●	●	
	Carbide	●	●	●	
	Copper, brass	●	●	●	
	Titanium	●			
	Gold, silver, nickel, platinum		●	●	
PLASTICS	ABS	●	●	●	○
	PA	●	●	●	○
	PC		●	●	○
	PE - PET			●	○
	POM - PBT	●	●	●	○
	PP			●	○
ORGANIC MATERIALS	Wood, varnished wood			●	●
	Rubber			●	●
	Leather			●	●
	Paper, cardboard, cork			●	●
	Stone, marble, granite				●
OTHERS	Pottery				●
	Electrical and medical ceramics	●	●	●	
	Silicon			●	●
	Glass, crystal				●

● = *Contrasted marking*   ○ = *Non-contrasted marking*

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FABRICANT **FRANCAIS**

CERTIFIED MANAGEMENT SYSTEM ISO 9001

Certified sites :
France: Gravotech Marking SAS
China: Gravotech (Shanghai)
Engraving Equipment Co. Ltd