COMPACTMARK G7

Compact and productive laser marker

lasitlaser.com

LASIT
LASER MARKING INNOVATION

DOUBLE SCREEN (OPTIONAL)

ADJUSTABLE COMMAND CONSOLE

PC, RACK AND SUCTION SYSTEM COMPARTMENT

PNEUMATIC FRONTAL DOOR WITH SAFE SYSTEM

CE CERTIFIED SAFE INSPECTION GLASS

CASTERS FOR EASY MOVEMENT OR RELOCATION OF THE MACHINE WITH PERFECT STABILITY (OPTIONAL)

ACCESSORIZES

- 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

CompactMark G7 is an extremely compact system, thanks to the bench movement in Y, which strongly reduces Axis-structure.

Made of welded steel, the system is stable and perfect to mark small components. In the standard configuration, Compact G7 has 3 axes, but it's possible to add W axes and rotary head.

The XY axes stroke is 600x400 mm, the Z axis is 400mm. Machine functions are managed by LASIT software FlyCAD, which can be customized.

TECHNICAL FEATURES

Working Position	Stand Up
Working Plane	800x450mm in hard anodized aluminum
Available Marking Areas	700x450mm / FFL 160 750x450mm / FFL 254
Total Weight	620 kg
Max. Weight on the Plane	200 kg
Max. Markable Height	450mm / FFL 160 350mm / FFL 254
X and Y axes stroke	600x400mm
Z axis stroke	450mm

Type of Door	Pneumatic
Type of Laser	Optic Fiber/Green/CO2
Laser Power	20-30-50 W
Pointer for preview	First Class (safe) with red light
Machine Size	Heigh 2300mm Width 1135mm Depth 1296mm
PC, Monitor and Software	Included, provided by Lasit
Type of Engine	Up to 5 motors with encoder
Power Supply	230Vca ±10% 50/60Hz <2000VA

COMPACTMARK G7

High productivity and extreme stability

Laser marker **CompactMark G7** can be equipped with the TTL (Through the Lens) vision system, which is the best solution for both high speed centering on small pieces and reading DMC or QR codes: being positioned in correspondence of laser head, it avoids the shift of laser head and vision system itself.

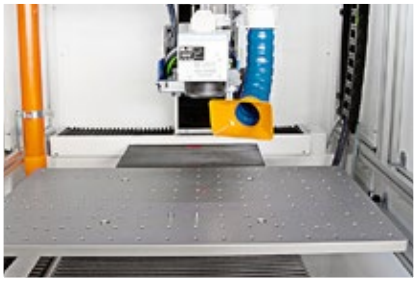
PRODUCTIVITY

With a maximum marking area of 750x450 mm using the focal FFL254, laser marker CompactMark G7 can mark small pieces but also a pallet with hundreds of pieces.

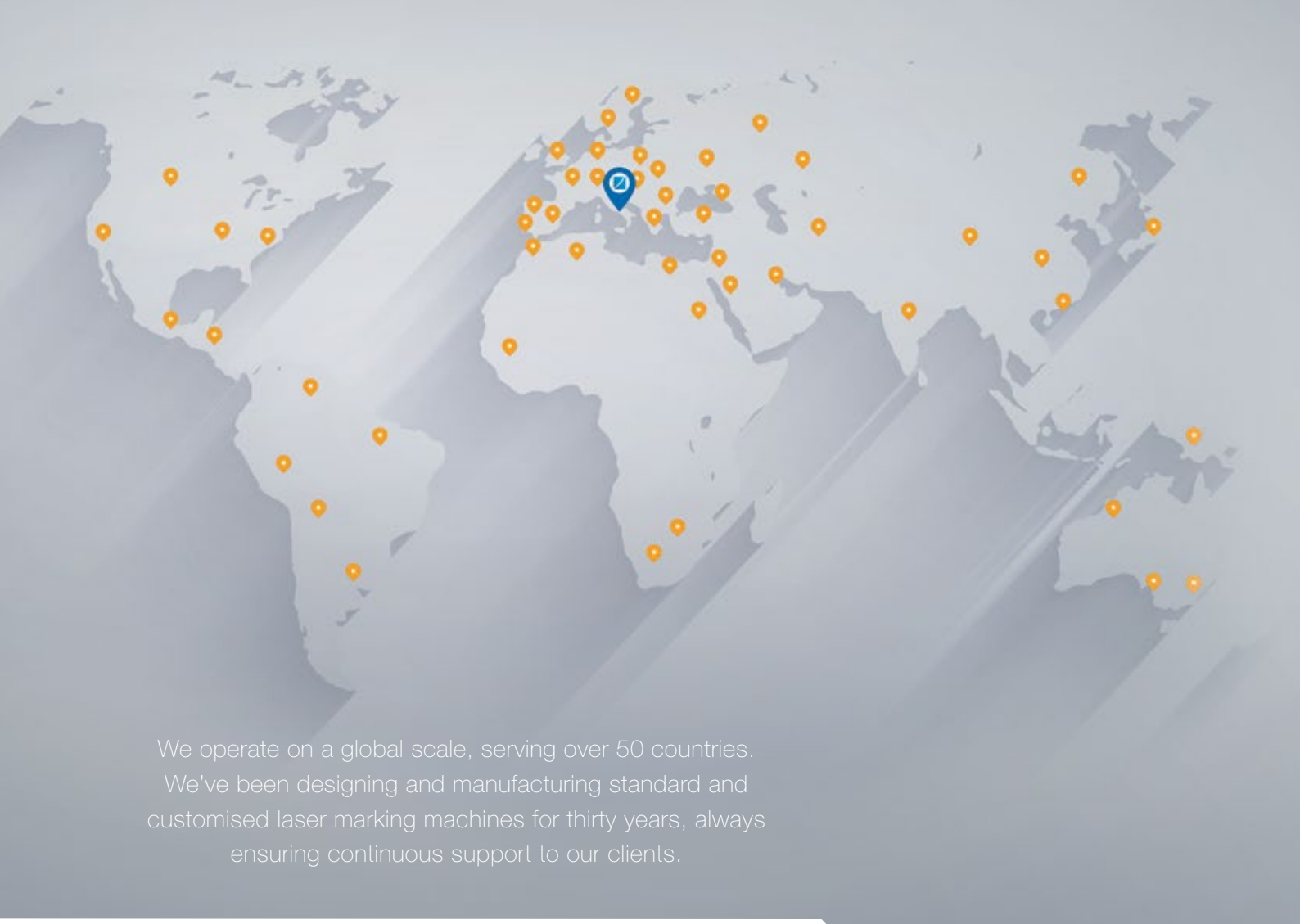
5 AXES INTEGRATION

In the standard configuration, Compact G7 has 3 axes, but it's possible to add W axes and rotary head, in order to make the machine suitable for more applications.

COMPACT



The heart of the machine is the XYZ axes, which is a single unit sustained by the external Bosch profile structure. G7 is not the simple combination of 3 axes, It's a real laser working system designed with FEM technics.



We operate on a global scale, serving over 50 countries. We've been designing and manufacturing standard and customised laser marking machines for thirty years, always ensuring continuous support to our clients.

Over the years, we've been standing out for our high-tech products of our research and development departments which include mechanics, automation, hardware and software.

- Over 30 years of experience in this industry. We have seized all the challenges of the marking industry – from manufacturing laser marking heads to whole turnkey systems – providing standard and customised solutions.
- We take care of the entire project, developing the marking machine, as well as its design and manufacture, without relying on intermediaries.
- Our laser marking machines can be integrated into MES–ERP systems or simple management programs, communication software and hardware.
- Our laser systems can interface with communication protocols, such as PROFIBUS, PROFINET, and In case of integrations, the laser marking unit interfaces with an existing PLC system or a PLC system specifically programmed for this purpose.

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