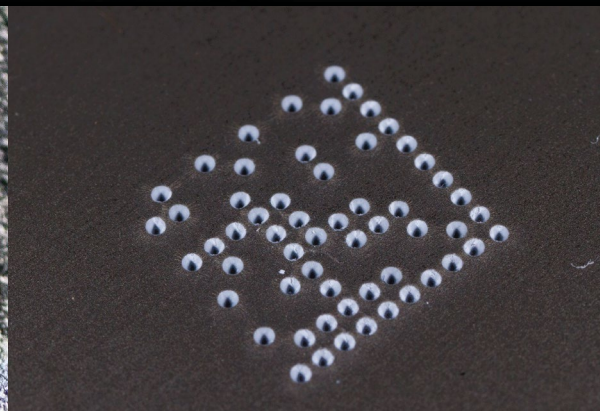# Technifor

IMPACT

IMPACT MARKING STATIONS
DOT PEEN SOLUTION

BENCHTOP RANGE

AHB
TOOLING & MACHINERY, INC.
COMPLETE METALWORKING SOLUTIONS

IMPACT DOT PEEN MARKING STATION

Motorized Z axis

Color touchscreen

Heavy-duty design:
metal cover, high-
performance motors

Onboard software
All-in-one machine

Precision:
Top-of-the-
range guiding

LED lighting

Workpiece height
up to 300 mm

High-performance stylus
DDC™ technology

TOUCH & MARK

Plug-n-play design allows marking the moment your machine is out of the box!
The IMPACT is a **totally standalone machine** with onboard traceability software.
Its intuitive touch interface makes it easy to configure and master. So it facilitates the development of a unique identification system for your workpieces and reduces the risk of error.
The IMPACT capitalizes on long experience in the field of industrial traceability.

I-SENSE

With the motorised Z axis, it has never been so easy to adjust the Z axis. The I-Sense function detects the surface of the workpiece, **automatically adjusts the height** of the Z axis and starts marking with no intervention on the part of the operator.
Several adjustment modes are available: automatic mode (I-Sense), programmable mode and normal mode, which allows manual adjustment by means of buttons located on the side of the machine.

DYNAMIC DOT CONTROL (DDC)

A perfect result every time!
The IMPACT features DDC™ (Dynamic Dot Control) technology.
This enables **automatic adjustment of point density** according to the required size and depth of marking. Your markings are visible and of high quality, irrespective of your application. Two adjustment modes available: automatic and manual.

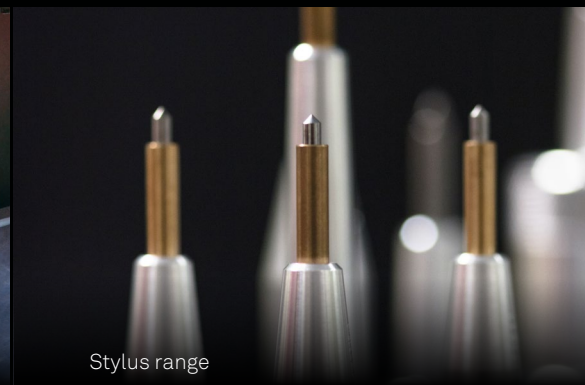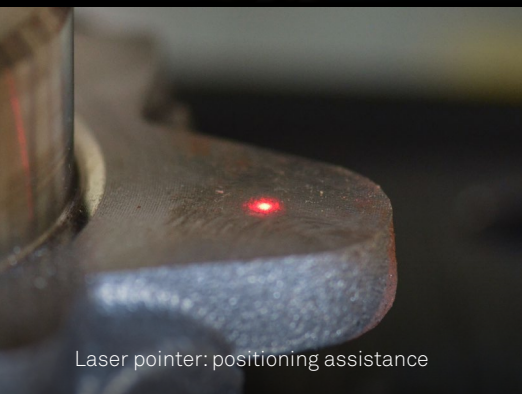|	IMPACT P	IMPACT ez P	IMPACT m	IMPACT ez m
Technology	Pneumatic	Pneumatic	Electromagnetic	Electromagnetic
Z axis	Manual	Motorized	Manual	Motorized
I-Sense technology	-	-	-	YES
Dynamic Dot Control (DDC)	-	-	YES	YES
Small characters: 0.02 inch (0.5 mm)	-	-	YES	YES
Marking field	3.9 x 4.7 inches (100 x 120 mm)			
Z travel	11.8 inches (300 mm)			
Character height	0.11 - 3.9 inches (3 - 100 mm)			
Marking applications	Texts, logos, 2D codes (DataMatrix, QR codes etc.)			
Communication	Ethernet TCP/IP, RS232, USB, FTP, dedicated Inputs/Outputs			
Power supply	Universal: 100-240 V AC			
Material hardness	≤ 62 HRC (marks most metals)			
Weight & dimensions (l x w x h)	57.3 lbs (26 kg) | 16.9 x 10.6 x 27.7 inches (430.9 x 270 x 704 mm)			
Software	T08 - onboard software			
Software capabilities	>> Serialization >> Automatic time stamping >> Counters >> Duplication control >> Marking result preview >> Link to a database (CSV, Excel, Access) >> Marking history			

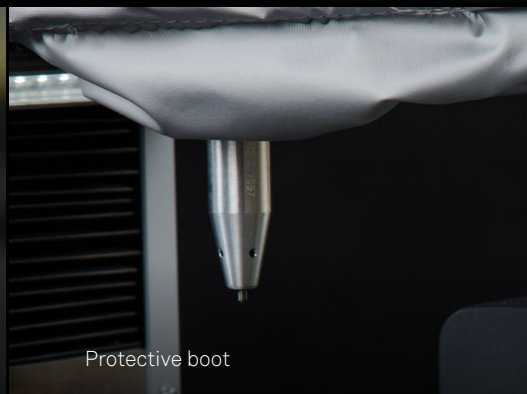Rotary device: accessory for cylindrical workpieces

Hand-held scanner for instantaneous reading of markings

Stylus range

Laser pointer: positioning assistance

Protective boot

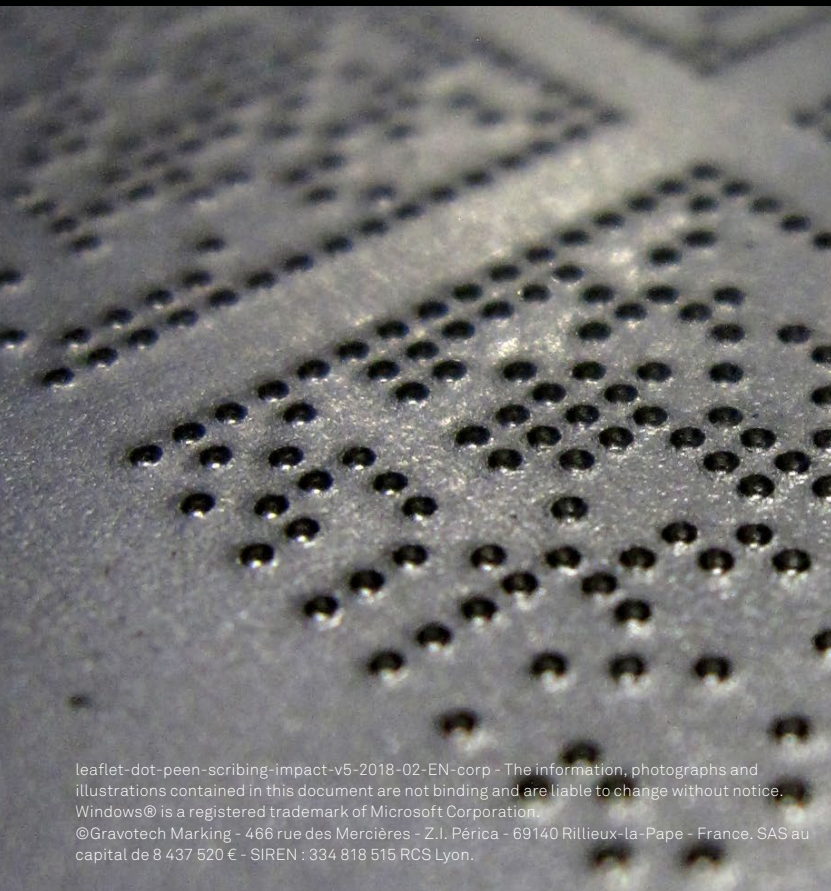Positioning with magnetic clamping

A MARK **FOR A LIFETIME**

THE IMPACT MARKING STATION MEETS ALL YOUR
IDENTIFICATION NEEDS, PRESENT AND FUTURE:

» **Direct and permanent marking** : references, logos,
serial numbers, dates, graphics and symbols, counters,
graduations, DataMatrix codes etc.

» **Marking of plates in series** : automatic plate feeders (as
an option).

» **Unique identifier and traceability** of every component
and batch of workpieces.

» **Markings compliant with ISO**, automotive, aeronautical,
military and defence standards etc.

" The user is at the center of our
solutions: **maximum simplicity and
efficiency have been our goals in the
design of IMPACT.** Identification and
traceability have never been so simple. "

Gérard Guyard - President

Technifor

GRAVOTECH GROUP

AHB

TOOLING & MACHINERY, INC.

COMPLETE METALWORKING SOLUTIONS