# TECHNO*mark*®
## smart traceability

# Tempo
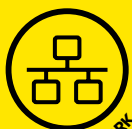## Performance dedicated to integration



**DOT PEEN TECHNOLOGY**

**INTEGRATED USE**

**16-CHANNEL CARD**

**FIELD NETWORK**

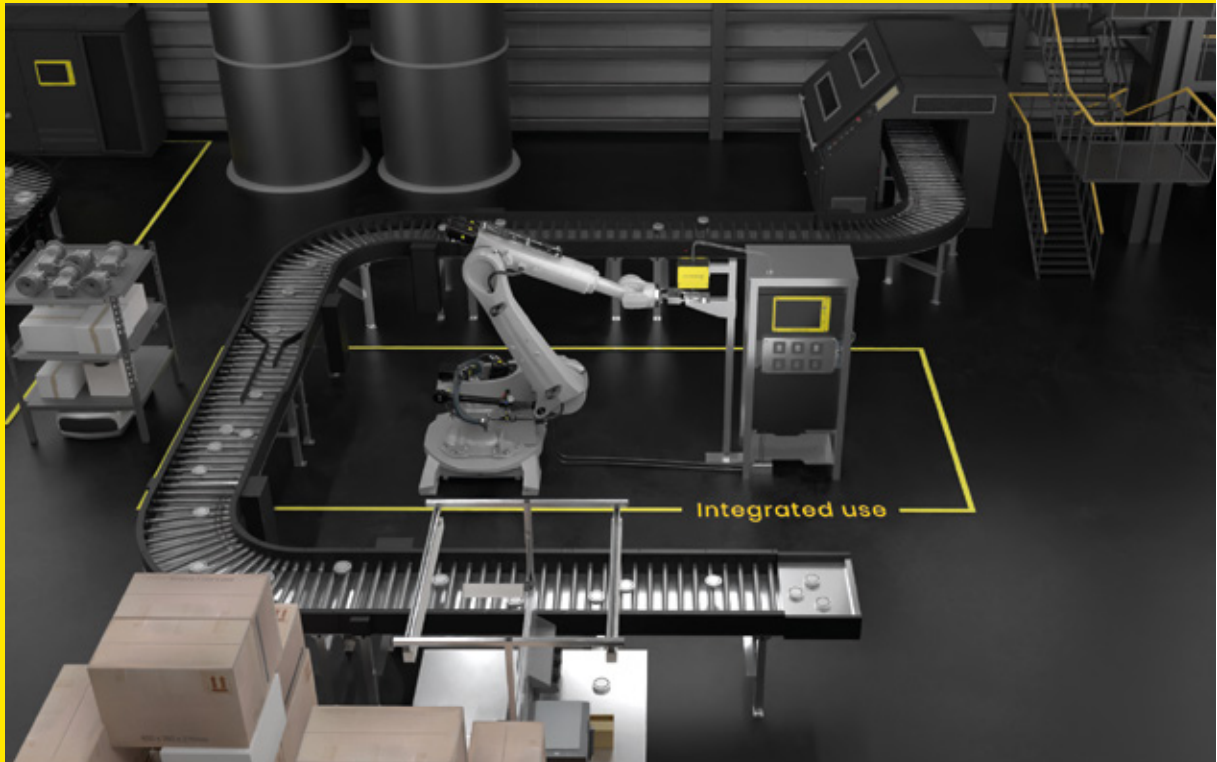## INLINE.series®

# Tempo model

EASY TO INTEGRATE

NETWORK CONNECTION

16-CHANNEL CARD

Integrated use

**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.

## Integrated use

### 1.
The machine is mounted **on a line, a production unit or a robot arm**

### 2.
Markings are produced in **large series**

### 3.
Marking on **parts of any size**

## Electromagnetic dot peen technology

- **Indent the material** through a succession of impacts that form a permanent mark

- **On all types of part** up to a hardness of 63HRC

# Designed for all industrial environments

## Easy to integrate
on a production line

- Multi-position marking head (360°) thanks to its 3 mounting faces, with the ability to mount on a robot arm
- Controller with front mounting (rack and panel mount) and back mounting (VESA 100)
- Single energy source: electricity

124 mm

132 mm*

170 mm

TECHNOmark

## Plug-in cables

- Simplified handling
- Cable length from head to controller: 10 m
- 24VDC 10A power supply

## Marking window

Tempo 30
**30*60 mm**

## Robustness

- Integrated protective bellows with Velcro fastening system
- Material: aluminium frame

## Productivity

- Up to 3 characters per second
- Developed for continuous operation 24/7

*198 mm with impact unit and standard stylus

CONNECTIVITY

# A wide range of possibilities

**10" touch screen in tempered glass**
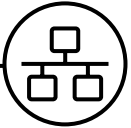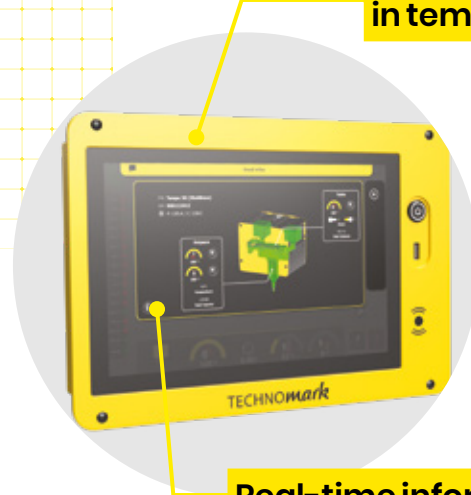


## Network connection
up to 3 Ethernet ports

- Slave mode control
- Field network compatibility:
  - **PROFI NET®** or **EtherNet/IP™**
  - Integrated switch function
- Ethernet TCP-IP compatibility:
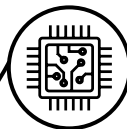  - Data exchange with an internal network and saving files on a shared folder

**Real-time information**

- Machine state
- Maintenance information

**3 USB ports**

Connection for keyboard, mouse, USB key (file & logo transfer) and code reader (variable filling; barcode, Datamatrix & QR code reading)

**24VDC 1A power supply**

## 16-channel card
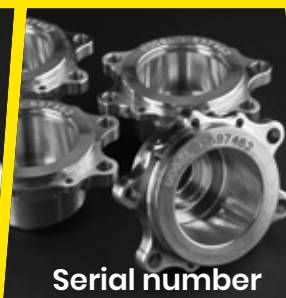fully configurable and programmable

- **14 types of output:** maintenance, copy input status, control output in marking cycle, etc.
- **12 types of input:** start marking, wait external input, increment serial number, etc.

✚ Simplified set-up
✚ Reduced overall investment

## Many types of marking possible



**Alphanumerical***

**Serial number**

**Timestamp**

**2D Datamatrix**

**Logo**

*Straight, radial, angular & circumferential alphanumeric: text, serial number, variable, timestamp (incremental numbers, shift patterns, time, date, week, etc.).

# Software that meets all your needs

## Intelligent software
developed by Technomark

- **Control of the course of the impact unit:** marking window size restriction, add path points, choice of origin taps, etc.
- **4 user profiles:** administrator, supervisor, production & auto. Possibility to create individual accounts with access by password and badge.
- Management of **local variables** (files) and **global variables** (machine).
- Input, output and origin **indicators.**
- **History of activities:** connection, marking, test, error, mode of use, etc.
- **Easy Shift function:** stylus simultaneous moves as the text is re-positioned on screen.

Intuitive and easy to use

Advanced settings

## Available licences

- **« USB Production Tracker » license**
  Exporting marked data

- **« Mark & Read » license**
  2D codes validation after marking

- **RFID - Log on control box license**
  Badge access

- **« Marking authorization control » license**
  Checking duplicate variables

- **« Network access » license**
  Local network connection

- **Other licenses**
  « Datamatrix », « LogPro », « Logo marking »,
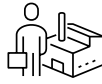  « CSV Manager », « Font creator ».

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# 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* ®

## smart *traceability*

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## 47 countries

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