Macsa id®
a code you can trust

IdTIJ

SMALL CHARACTER THERMAL INKJET

User-friendly and reliable printing solution











IdTIJ by **MACSA**
Intuitive. Affordable. Reliable

IdTIJ

idTIJ from Macsa ID offers a compact, simple and easy to use coding solution with high-resolution printing



- **High performance**
  Simple coding system with the last innovations in inkjet technology, printing up to 150 mts/min
- **Simple and user-friendly interface**
  Intuitive and easy to use touch screen
- **Reliable and durable**
  Designed for industrial applications
- **Cost efficient and affordable**
  No spare parts needed, virtually maintenance-free and low capital investment
- **Excellent print quality and legibility**
  Up to 600 dpi resolution
- **Easy to use and flexible**
  Cartridge can be changed by any user, can be integrated in any process, well proven technology (food, pharma...)
- **Quick and easy change of consumables**
  Cartridge-based ink
- **Low maintainance**
  No serviceable parts, only occasional cleaning required

- **Training, service, support**
  No need for dedicated technicians
- **Clean and safe**
  No mess, no additional chemicals required.

- **Simple to install**
  In-built sensors for normal operation:
  - Normal speed detection for quick and easy installation
  - Auto detection of product direction

  External encoder for high precission cases.



Cartridge ink

IdTIJ inkjet printer from Macsa ID is based on HP TIJ technology. Its range of cartridge inks offers a high-quality coding and marking solution for all kinds of applications

Macsa ID offers a wide range of inks:
- For porous and non-porous substrates
- High quality and fast dry
- Strong adhesion

Colors available	Solvent	UV	Water
Black	BLK17-S1C2	BLK30-U1C1	BLK18-W1C1
Yellow	YLW20-S1C1		
Blue	BLU25-S1C1		BLU22-W1C1
Green			GRE23-W1C1
White	WHT21-S1C1	WHT31-U1C1	
Red	RED26-S1C1		RED24-W1C1
Black Continuous	BLK27-S1C1		
Black labels	BLK28-S1C1		

Linear bar codes (EAN 8, EAN 13, EAN 128, CODE 39, UPC-A, Codabar)	**2D codes** (datamatrix, QR code, GS1 databar)	**Logos and graphics**	**Font sizes** (all TrueType fonts available)
9 780201 379624		Macsa id *a code you can trust*	Din Next LT Light - 11 pts. Din Next LT Regular - 9 pts. **Din Next LT Bold - 8 pts.**

idTIJ from Macsa ID is intuitive and user-friendly

Macsa ID touch screen (10") is a new & fresh user interface that permits an easy installation, operation and service of the TIJ printer. It is fully tactile to improve & facilitate the user experience.

idTIJ, the new small character inkjet printer, interfaces with the powerful proprietary marking software Marca TIJ by Macsa ID that makes easier to code and mark precisely and consistently.

Marca TIJ is a user-friendly software that allows the user to create messages with text, logos and all types of 1D & 2D codes. It also incorporates comprehensive management of the cartridge usage:

- **Ink consumption calculator:**
  - Estimation of ink left based on the message being printed and resolution used.
  - Real time indicator of the number of prints remaining.
- **Automatic adjustment of the print parameters** based on the type of ink.
- **Cartridge Expiration Date warning**.
- **Maximum line speed indicator according to resolution**





Available for Terminal 10" and PC Lite software

For most applications



Food

Cardboard



Pharma

Blister



Personal care

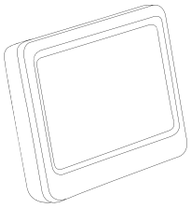
PE Plastic



Beverage

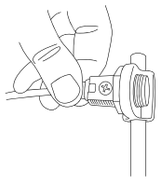
HPDE Plastic

A complete set of accesories for installation



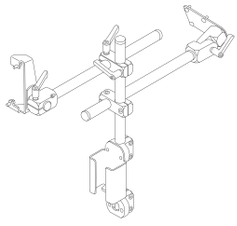
Touch screen

With a new user interface and software Marca by Macsa



Photocell

External sensor for specific line detection



Support

Adaptable for different product lines



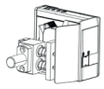
Beacon alarm

Indicates when the machine is running, stopped or low ink level.



Encoder

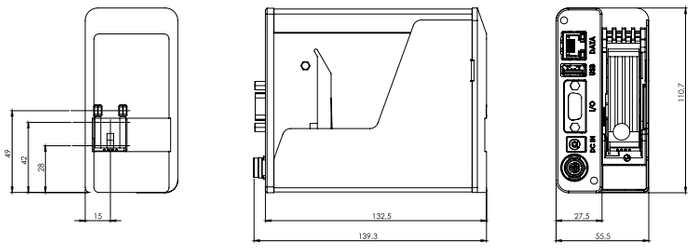
External to get maximum quality in the printing



Retractable stand

Designed for seamless integration with the idTIJ system

IdTIJ



Dimensions (mm)	55,5w x 110,7h x 139,3 l	
Weight	Weight 650 grs.	
Features	• Little, compact, robust • High speed coding • Several user interfaces that adapt to every need: - Buttons on the equipment - 10'' Touchscreen HMI - MARCATIJ Software for PC (Windows) • Wide range of inks available for any substrate • Includes 2 internal sensors for product detection and for automatic detection of line speed and direction	
Aplications	• Coding and identification	
Printing features	• Printing height: ½ inch / 12,5mm. • Maximum printing length: unlimited • Distance to Surface: <2 mm • Maximum printing speed: 150 dpi up to 180 m/min • 300 dpi up to 90 m/min (other speeds and resolution available) • Inputs available for selecting messages from PLC • Encoder and internal or external shooting photocell • Printing direction: Left -> Right-Right -> Left according to settings or input	
Printing facilities	• True Type Fonts: yes • Storage: as many messages as space in hardisk (2GB) • Counters: unlimited • Hours: unlimited • Dates: unlimited • Barcodes: unlimited • 2D codes: unlimited • Logos and graphics: unlimited	
Connections	• USB Pen Drive • RJ45 • GPIO port DB15HD: Encoder / External Photocell / BCD / Invert Print direction / Start&Stop	
Enviroment conditions	• Temperature ºC: from 5º to 40º non condensing • Relative humidity: up to 90%	
Electrical requirements	• Electrical Supply: 110 to 240V AC • Power Supply: 240 DC • Frequency: 50/60 Hz	
Substrates & Cartridges	Wide range of color inks for porous and non-porous substrates Packaging: 42ml cartridges	
Software	Terminal 10"	For Macsa 10" touch screen
	Marca TIJ	Based on Office standards

Versión MAYO 2024

Coding, tracing and marking solutions worldwide



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