CIM
CARD IMAGING MASTER

ME550
FLEXI TAG DATA MATRIX

TOUCH SCREEN 7”

INTERNET OF THINGS

WIFI

USB

ETHERNET

DATA MATRIX

METAL PLATE Systems

COMPACT, PORTABLE METAL TAG EMBOSSER WITH 2D DATA MATRIX OPTION

The **ME550 FLEXI TAG DATA MATRIX** is a portable metal tag embossing solution designed to mark alphanumeric characters and **2D DATA MATRIX** barcodes on different aluminum and steel tags sizes. The **2D DATA MATRIX** barcode has the great advantage of containing a high volume of data on limited space. With a completely renewed design and new features, the **ME550 FLEXI TAG DATA MATRIX** is an advanced solution that can be integrated into any existing factory or office network.

7” color touchscreen display with high resolution
The **ME550 FLEXI TAG DATA MATRIX** is equipped with a built-in 7 "WVGA LCD touchscreen display with simple and easy to use icon and buttons. The user can access and manage machine functions through a multi-level menu in an easy and intuitive way. The configuration of the machine can be protected by password for high security and data protection.

IoT (Internet of Things) remote access and management
- Web services: The machine set-up and operations can be entirely managed remotely via the web or through the use of VNC (Virtual Networking Computing) client, using a personal computer or other devices connected to the Customer’s network.
- Data transfer: Data import/export and the machine updating can be managed from any device connected to the embosser via Ethernet by using the FTP protocol (file transfer protocol).

USB (type A, type B), Ethernet and WiFi
The **ME550 FLEXI TAG DATA MATRIX** can be connected to a personal computer, to load data and start production, or to another device, such as keyboard, barcode reader or other if needed.

The **ME550 FLEXI TAG DATA MATRIX** is a completely self-contained tag marking machine that is easy to transport, and designed to operate in harsh industrial environments. It is ideal for component and production line identification and traceability applications.

USED BY

- AUTOMOTIVE PLANTS
- SHIPYARDS
- STEEL PLANTS
- MILITARY
- LOGISTICS MENAGEMENT
- INDUSTRIAL MANUFACTURERS

IDEAL FOR

- BODY & VIN PLATES
- MILITARY ID TAGS
- INVENTORY
- ASSET CONTROL
- ID & TRACKING TAGS
- CABLE / HOSE TAGS
- TAGS FOR GALVANIZED OR HEAT-TREATED PROCESSES
- COMPONENT ID
- SERIAL NUMBER TAGS

FEATURES AND SPECIFICATIONS

MODEL NAME	**ME550 FLEXI TAG DATA MATRIX**
PLATE AND FEEDER	
Dimensions	Rectangular tag: 52 x 29 ÷ 65 x 60 mm - 2.05 x 1.14 ÷ 2.56 x 2.36 in (WxH)
	min. 52 x 29 mm - 2,05 x 1,14 in
	max. 65 x 60 mm - 2.56 x 2.36 in
Materials	Alluminum, stainless steel
Thickness	0,3556 ÷ 0,70 mm - 0.014 ÷ 0.0275 in
Input hopper	Up to 250 plates capacity (0,4 mm / 0.0157 in) - automatic feed only
Output hopper	External collection tray
MARKING	
Technology	Embossing or debossing
Wheel capacity	60 slots
Type set	Simplex 2, Block USA, Block 5, OCRB1
Embossing area	See picture. Up to 10 lines / 20 characters
Performance	105 tags per hour based on 55 characters (144 tags per hour based on 45 characters)
COMMUNICATION AND SOFTWARE	
Interface	USB 2.0 port (device and host), Ethernet. WiFi (optional)
Software	PowerTag PC application proprietary software compatible with Windows 8.1/10/11, MacOS (Intel64, da 10.x onwards), Linux PowerTag USB on USB key for multiple use
Protocol	Multiembosser Optional: Cim, Xon-Xoff, Stored Format default, Stored Format Selected and Pound-Pound
HARDWARE	
System	CPU Arm Cortex-A8 / RAM 256 MB, with flash-disk and file system Linux O.S. based
Power supply	Universal switching power supply 100-240 Volts; 50 or 60 Hz
Power consumption	300 Watt max
Operating environment	Temperature: 5°÷ 40°C 7 / 41°÷104° F, relative humidity 30% ÷ 90°
VARIOUS	
Others	Built in touch screen 7”, multi-language user interface management: English, Spanish, Italian Innovative embedded software up-grade system thru pen drive and web server Machine configuration protected by password for high security and data protection Easy to carry handle, no packaging required

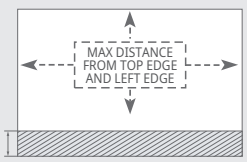
CERTIFICATIONS

CE · c UL us LISTED · FC · RoHS COMPLIANT

WARRANTY

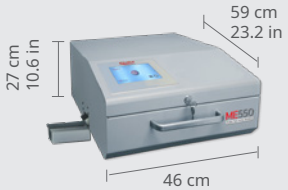
1 YEAR WARRANTY

EMBOSSING AREA



Dashed area not usable height
3,5 mm - 0.137 in

DIMENSION



WEIGHT

Kg
lbs

26 Kg / 57.3 lbs

SOFTWARE

powertag LITE

optional

powertag EVO

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CIM

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