



TOUCH
SCREEN 7"



INTERNET
OF THINGS



WiFi



USB



ETHERNET



DATA MATRIX



COMPACT, PORTABLE METAL TAG EMBOSSEER 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 MANAGEMENT
- 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 Aluminum, 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 Linux based self enclosed software
 PowerTag PC application proprietary software Windows 7/8/10
 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 / 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

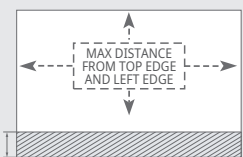
UL, FCC, CE, ROHS

WARRANTY

12 months



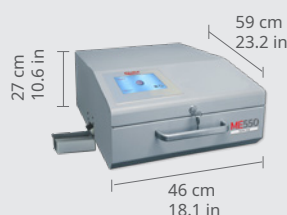
EMBOSSING AREA



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



DIMENSION



WEIGHT

26 Kg / 57.3 lbs



SOFTWARE

power tag
 LITE

optional
 power tag
 EVO