



COMPACT, AUTO-FEED METAL TAG EMBOSSEER WITH 2D DATA MATRIX OPTION

The **ME1500S DATA MATRIX** is an advanced solution for durable and long life industrial marking applications that require automatic data collection and the management of a **2D DATA MATRIX** barcode readable by a handheld scanner. The **ME1500S DATA MATRIX** is an advanced solution for **2D DATA MATRIX** bar code embossing that can be integrated into any existing factory and office network. 7" color touchscreen display with high resolution

The **ME1500S 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.

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 **ME1500S 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 **ME1500S DATA MATRIX** is capable of producing **2D DATA MATRIX** bar codes with readable characters. The code can hold up to 64 characters in a variety of matrix sizes that will suit any metal tag application. You will be able to convert alpha numeric data into embossed **2D DATA MATRIX** for ease of data retrieval and management.



USED BY

- MANUFACTURING
- POWER PLANTS
- UTILITY COMPANIES
- OIL REFINERIES
- CHEMICAL PLANTS



IDEAL FOR

- COMPONENT ID
- WIP
- ASSET TRACKING
- INVENTORY CONTROL
- FACILITY IDENTIFICATION
- POST-SALE SERVICE

FEATURES AND SPECIFICATIONS

MODEL NAME ME1500S

PLATE AND FEEDER

Dimensions
 Rectangular tag: 1.18 ÷ 4.5 x 0.83 ÷ 3.5 in (WxH),
 Dog tag: 2.05 x 1.14 in (WxH)
 Medical alert tag: 2.24 x 1.26 in (WxH)



rectangular tag



dog tag



medical alert tag

Materials
 Stainless steel: 0.0157 in - aluminium: 0.0157 ÷ 0.0354 in
Thickness
 0.0157 ÷ 0.0354 in
Input hopper
 400 tags
Output hopper
 External collection tray (FILO)

MARKING

Technology
 Embossing
Wheel capacity
 60 slots
Type set
 Simplex 2, Block USA, Block 5
Data Matrix embossable area
 See table beside (ECC200 DATA MATRIX ENCODING AREA)
Performance
 171 tags per hour based on 55 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
 100 - 117 - 220 - 230 or 240 Volts - 50 or 60 Hz
Power consumption
 800 Watt max
Operating environment
 Temperature: 41 - 104 °F / 5 - 40 °C, relative humidity: 30% - 90% non condensing

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

CERTIFICATIONS

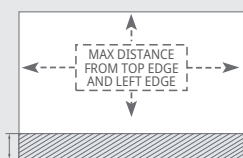
UL, FCC, CE, ROHS

WARRANTY

12 months



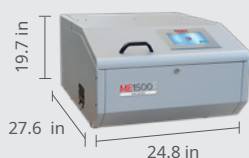
EMBOSSING AREA



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



DIMENSION



189 lbs

WEIGHT



SOFTWARE

power tag
 LITE
 optional
 power tag
 EV3

ECC200 DATA MATRIX ENCODING AREA

ROW & COL.	NUBER ONLY	ALPHA-NUMERIC
10 x 10	6	3
12 x 12	10	6
14 x 14	16	10
16 x 16	24	16
18 x 18	36	25
20 x 20	44	31
22 x 22	60	43
24 x 24	72	52
26 x 26	88	64