



TOUCH  
SCREEN 7"



INTERNET  
OF THINGS



WiFi



USB



ETHERNET



## METAL PLATE EMBOSSESSER

The **ME1000S** and **ME2000S** are robust and reliable electronic embossers engineered for heavy duty and able to handle large metal plate volumes. ME series supports a wide variety of sizes, shapes, thickness including stainless steel, aluminum, copper and brass. With a 10% increase in production speed, a completely renewed design and new features, the **ME1000S** and **ME2000S** are advanced solution that can be integrated into any existing factory or office network.

### 7" color touchscreen display with high resolution

The **ME1000S** and **ME2000S** 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 **ME1000S** and **ME2000S** 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.

With a semi-automatic (**ME1000S**) or automatic (**ME2000S**) loading and unloading are really easy. It is equipped with a unique clamp for plates of different dimensions and materials as well as a large selection of fonts. Once embossed, the metal tags can be placed in an external collection tray via a side eject mechanism or stacked in a FIFO output stacker. It is designed for medium to high volume production process.



USED BY

- AUTOMOTIVE PLANTS
- SHIPYARDS
- STEEL PLANTS
- CHEMICAL PLANTS
- MILITARY
- INDUSTRIAL MANUFACTURERS
- LOGISTICS MANAGEMENT
- POWER & UTILITY COMPANIES




IDEAL FOR

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

# FEATURES AND SPECIFICATIONS

## MODEL NAME

ME1000S - ME2000S

## PLATE AND FEEDER

### Dimensions

Rectangular tag: 30 ÷ 115 x 21 ÷ 90 mm - 1.8 ÷ 4.53 x 0.83 ÷ 3.54 in (WxH)  
 Round tag: Ø 38,10 mm - 0.5 in, dog tag: 52 x 29 mm - 2.05 x 1.14 in (WxH)  
 Medical alert tag: 57 x 32 mm - 2.24 x 1.26 in (WxH)



rectangular tag



round tag



dog tag



medical alert tag

### Materials

Stainless steel, carbon steel, aluminium, copper and brass

### Thickness

0,4 ÷ 0,9 mm - 0.0157 ÷ 0.0354 in

### Input hopper

ME1000S: manual feed - Single Access Point

ME2000S: up to 250 plates capacity (0,4 mm - 0.0157 in)

### Output hopper

ME1000S: manual feed

ME2000S: up to 250 plates capacity

Options: FIFO (first in – first out) technology or side eject

## MARKING

### Technology

Embossing, Indent or Debossing

### Wheel capacity

60 or 90 slots - 45 slots drum available for special applications

### Type set

Many character configurations available:

Embossing: Simplex 2, OCRB1, Block USA, Double Block, etc. - Height 3 ÷ 12 mm / 0.118 ÷ 0.472 in

Indenting: Simplex1, Simplex 2, etc. - Height 1 ÷ 4 mm / 0.039 ÷ 0.157 in

Debossing: Elite Dog Tag

### Embossing area

See picture

### Performance

231 tags per hour based on 55 characters

## COMMUNICATION AND SOFTWARE

### Interface

USB 2.0 port (device and host), Ethernet, WiFi

### Software

Linux based self enclosed software

PowerTag PC application proprietary software Windows 7/8/10

### Protocol

Multiembosser

Optional: Cim, Xon-Xoff, Stored Format default, Stored Format Selected and Pound-Pound

### Data format

50 fields of 42 characters each (Variable, Fixed data, Counters, etc.)

## 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: 5 ÷ 40 °C / 41 ÷ 104 °F, 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

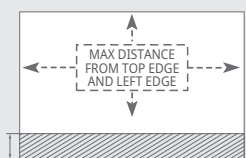
Machine configuration protected by password for high security and data protection

## CERTIFICATIONS

UL, FCC, CE, ROHS



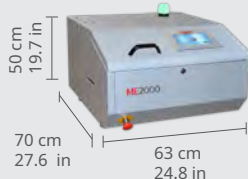
### EMBOSSING AREA



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



### DIMENSION



### WEIGHT

85,5 Kg / 189 lbs



### SOFTWARE

power tag  
LITE

optional  
power tag  
EVO