



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" WGA 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

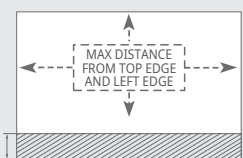
**Others** Built in touch screen 7", multi-language user interface management: English, Spanish, Italian  
 Innovative embedded software up-grade system thru pen drive and web server  
 Machine configuration protected by password for high security and data protection

## CERTIFICATIONS

UL, FCC, CE, ROHS



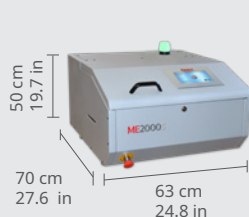
### EMBOSSING AREA



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