



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

Data format

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

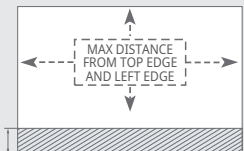
Built in touch screen 7", multi-language user interface management: English, Spanish, Italian
 Innovative embedded software up-grade system thru pen drive and web server
 Machine configuration protected by password for high security and data protection

CERTIFICATIONS

UL, FCC, CE, ROHS



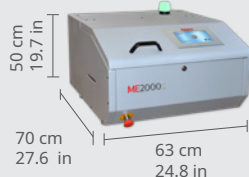
EMBOSSING AREA



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