CIM
CARD IMAGING MASTER

ME1000S | ME2000S

TOUCH SCREEN 7"

INTERNET OF THINGS

WIFI

USB

ETHERNET

METAL PLATE Systems

METAL PLATE EMBOSSER

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 - 1.5 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

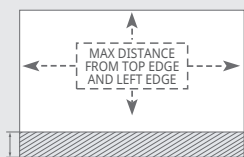|	
Others	Built in touch screen 7", multi-language user interface management: English, Spanish, Italian
	Innovative embedded software up-grade system thru pen drive and web server
	Machine configuration protected by password for high security and data protection

CERTIFICATIONS

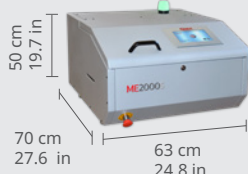UL, FCC, CE, ROHS

WARRANTY

12 months

EMBOSSING AREA	DIMENSION	WEIGHT	SOFTWARE
MAX DISTANCE FROM TOP EDGE AND LEFT EDGE	50 cm 19.7 in / 70 cm 27.6 in / 63 cm 24.8 in	85,5 Kg / 189 lbs	powertag LITE optional powertag EVO
Dashed area not usable height 3,5 mm - 0.137 in			

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