

FEATURES

STANDARD



USED BY:

- AUTOMOTIVE ASSEMBLY PLANTS
- SHIPYARDS
- STEEL PLANTS
- MILITARY
- MANUFACTURERS OF:
 - WHITE GOODS
 - MOTORS
 - VALVES
 - PUMPS
 - LIFTS
 - CRANES
 - FIRE DOORS
 - LOGGING INDUSTRIES
- LOGISTICS MANAGEMENT
- POWER & UTILITY COMPANIES

IDEAL FOR:

- AUTOMOTIVE BODY & VIN PLATES
- MILITARY ID TAGS
- CABLE / HOSE TAGS
- INVENTORY / ASSET CONTROL & TRACKING TAGS FOR HARSH ENVIRONMENTS
- WORK IN PROGRESS
- COMPONENT ID
- TAGS FOR GALVANIZED OR HEAT-TREATED PROCESSES
- SERIAL NUMBER TAGS

SOFTWARE



METAL EMBOSSEY SERIES

ME 1000 - 2000



THE BEST VALUE IN METAL PLATE MARKING

BUILT FOR TOUGH WORKING ENVIRONMENTS

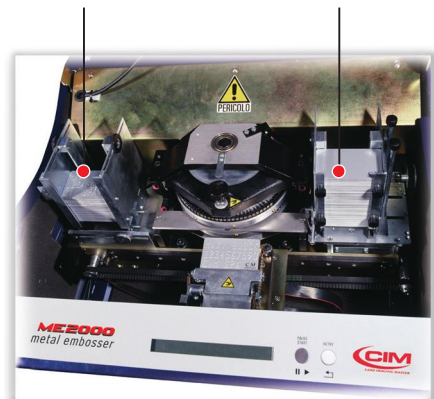
Embossing type set

Blocco USA



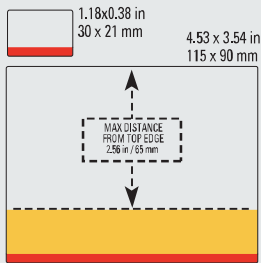
Simplex 2

Up to 250 plates capacity hoppers: input & output



TECHNICAL FEATURES

EMBOSSING AREA



- Embossing area
- Restricted embossing area
- Bottom edge / 0.157 in / 4 mm



Embossing station

ME1000
metal embosser

ME2000
metal embosser

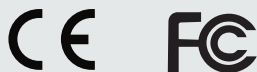


PLATE & FEEDER

dimensions

width: 1.18 - 4.53 in / 30 - 115 mm
height: 0.83 - 3.54 in / 21 - 90 mm

thickness

0.0157 - 0.0354 in / 0.4 - 0.9 mm

materials

stainless steel, carbon steel, aluminium, copper, and brass

input hopper

ME1000: manual feed - Single Access Point

ME2000: up to 250 plates capacity. (0.0157 in / 0.4 mm)

output hopper

ME1000: manual feed

ME2000: up to 250 plates capacity. Options: FIFO (first in - first out) technology or side eject

STAMPING

technology

Embossing, Indent or Debossing

drum capacity

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

type set

many character configurations available:

embossing

Simplex 2, OCRB1, Blocco USA, Double Blocco, etc. - Height: 0.118 - 0.472 in 3 - 12 mm

indenting

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

debossing

Elite Dog Tag

embossing area

from the top edge up to 2.56 in / 65 mm, leaving free 0.157 in / 4 mm at the bottom edge.

Reversed character sets are available on request for embossing close to the bottom edge of the tag. Measurements are taken from the base of the character.

performance

1 plate in 18 sec. (55 characters)

COMMUNICATION INTERFACE & SOFTWARE

communication interface

RS232 serial port

operating systems

Sword PC application proprietary software compatible with Windows/XP/Vista/7

application software

automatic data field; plate archive; DBIII, DBIV, Excel, MS Access file compatibility; self diagnostics, automatic remake of rejected plates, resetable and non-resetable counters.

protocol

CIM, Xon-Xoff, MultiEmbosser, Stored Format default, Stored Format Select and Pound-Pound

LCD Edit

via external keyboard; 20 storable formats downloadable

data format

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

HARDWARE

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

dimensions (WxDxH)

24.8 x 29.1 x 15 in / 630 x 740 x 380 mm

weight

ME1000 165 lbs / 75 Kg - ME2000 172 lbs / 78 Kg

VARIOUS

display LCD

2 lines by 40 characters LCD display for diagnostic visualization and offline operation

FLASH memory

for easy firmware upgrade operation

technology

others

lithium back up battery; security operation with key lock; emergency stop red button; machine status indicator lights; near end input / near full output hopper plate sensors for continuous production (ME2000); visual alarm kit for operator alert

RELIABLE & COST EFFECTIVE - Alternative to stamping and dies. **EASY & FLEXIBLE** - Semi-automatic (ME1000) or automatic (ME2000) loading and unloading has never been easier. Equipped with a unique clamp for plates of most dimensions and materials as well as a large selection of fonts, the METAL EMBOSSERS are designed to meet most requirements in metal plate marking. CIM has developed various command protocols allowing the ME1000 / 2000 to easily interface with custom applications.

