USED BY:

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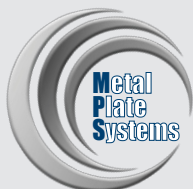- POWER & UTILITY COMPANIES

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
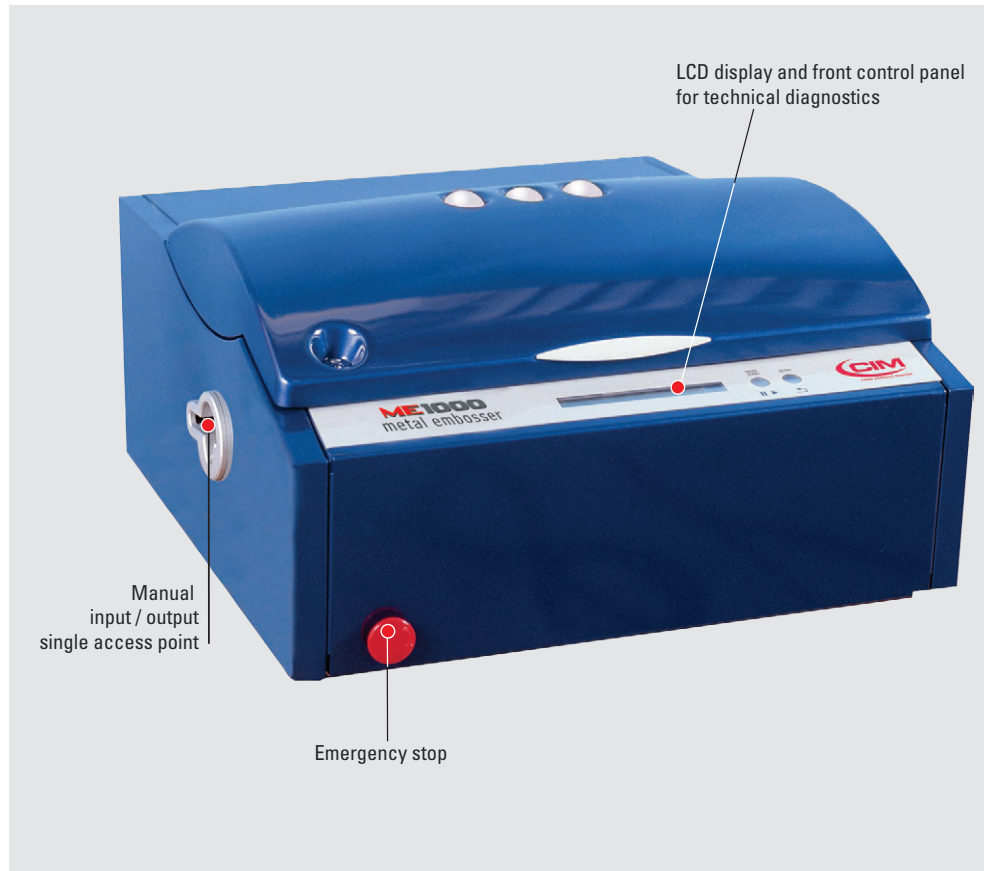- SERIAL NUMBER TAGS

SOFTWARE

powertag LITE

OPTIONAL:

powertag EVO

Metal Plate Systems

METAL EMBOSSER SERIES
ME 1000 - 2000

LCD display and front control panel for technical diagnostics

Manual input / output single access point

Emergency stop

THE BEST VALUE IN METAL PLATE MARKING
BUILT FOR TOUGH WORKING ENVIRONMENTS

Embossing type set

Blocco USA

TYPE BLOCCO USA
ABCDEFGHIJKLMNOP
QRSTUVWXYZ-/.,'
1234567890

SIMPLEX 2
ABCDEFGHIJKLMNOP
QRSTUVWXYZ...'-/
9876543210

Simplex 2

Up to 250 plates capacity hoppers: input & output

CIM CARD IMAGING MASTER

EMBOSSING AREA

30 x 21 mm
1.18x0.38 in

115 x 90 mm
4.53 x 3.54 in

MAX DISTANCE
FROM TOP EDGE
65 mm / 2.56 in
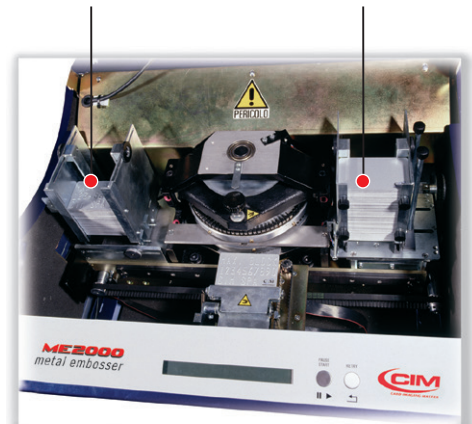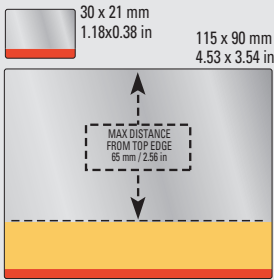
○ Embossing area
◻ Restricted embossing area
▬ Bottom edge / 4 mm / 0.157 in
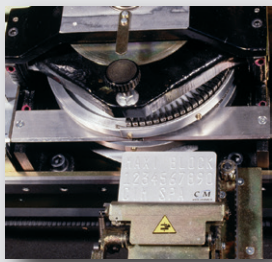
Embossing station

ME1000
metal embosser

ME2000
metal embosser

c(UL)us
LISTED

RoHS

CE FC

TECHNICAL FEATURES

PLATE & FEEDER

dimensions	width: 30 ÷ 115 mm / 1.18 ÷ 4.53 in
	height: 21 ÷ 90 mm / 0.83 ÷ 3.54 in
thickness	0.4 ÷ 0.9 mm / 0.0157 ÷ 0.0354 in
materials	stainless steel, carbon steel, aluminium, copper, and brass
input hopper	ME1000: manual feed - Single Access Point
	ME2000: up to 250 plates capacity. (Ø 0,4 mm/0.0157 in)
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, 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	from the top edge up to 65 mm / 2.56 in, leaving free 4 mm / 0.157 in 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
	Isolated USB to RS232 converter
operating systems	**PowerTag** application proprietary software compatible with 7/8/10
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: 5 ÷ 40 °C / 41 ÷ 104 °F
	relative humidity: 30% ÷ 90% non condensing
dimensions (WxDxH)	630 x 740 x 380 mm / 24.8 x 29.1 x 15 in
weight	ME1000 75 Kg / 165 lbs - ME2000 78 Kg /172 lbs

VARIOUS

display LCD	2 lines by 40 characters LCD display for diagnostic visualization and offline operation
FLASH memory technology	for easy firmware upgrade operation
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.

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CIM
CARD IMAGING MASTER