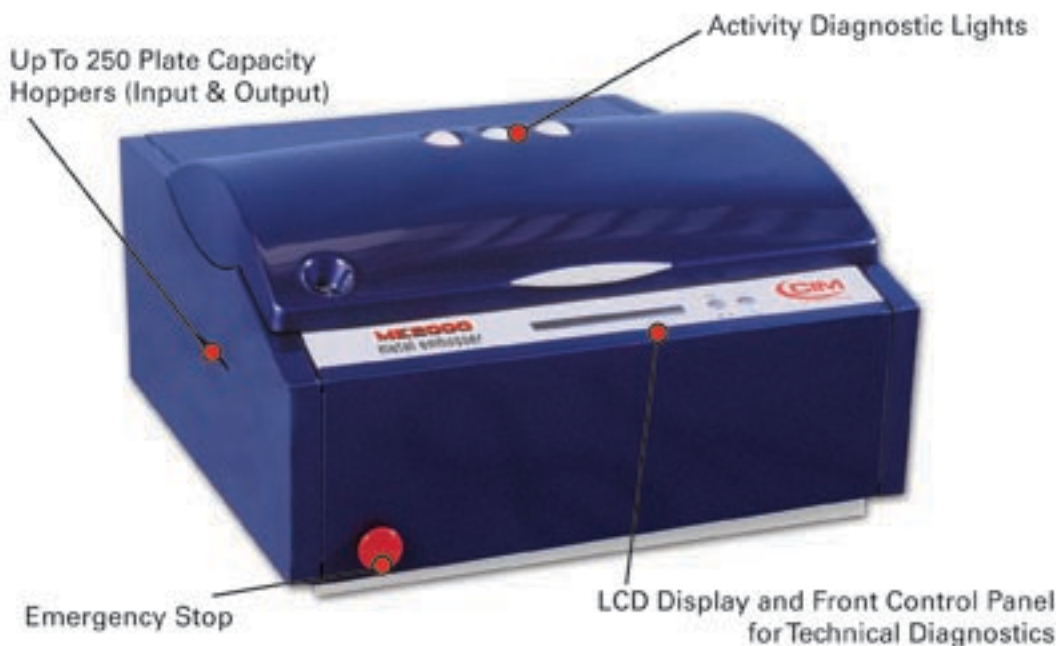




# ME SERIES

# METAL EMBOSSEY 2000 DM



## FEATURES

Metal Data Matrix™



## USED BY

- AUTOMOTIVE
- MILITARY
- AEROSPACE
- STEEL MILLS
- SHIPYARDS
- COMPONENT MANUFACTURERS
- EQUIPMENT RENTAL

## IDEAL FOR

- COMPONENT IDENTIFICATION - QUICKLY TAG & CATALOG COMPONENTS
- WIP - TRACE WORK IN REAL TIME AT ANY STEP IN THE PRODUCTION PROCESS
- ASSET TRACKING - LOCATE TOOLS | EQUIPMENT
- INVENTORY CONTROL - COMPONENTS, PARTS, ETC.
- POST-SALE SERVICE - POST PRODUCTION TRACK AND TRACE FOR PROVISION OF SERVICES



## SOLUTION FOR DURABLE OR LONG LIFE INDUSTRIAL MARKING APPLICATIONS

### 2D MATRIX BARCODE EMBOSSED METAL TAGS IDEAL FOR:

- **Harsh post marking treatment of tags** (Sandblasting, painting, pickling and more)
  - PVC or Mylar tags need to be regularly replaced causing lost time, identification errors and high consumables costs.
  - Tags are required to have a long working life and will be subject to environmental degradation.
- **Applications where marking the component or item directly.**
  - affect its mechanical integrity,
  - is too difficult to achieve,
  - is too costly (laser dot peen)
  - too time consuming affecting production efficiency

## SOFTWARE (INCLUDED)



- EASY TO USE SOFTWARE
- AUTO REMAKE REJECT PLATES
- 2D BARCODE DATA CONVERTER
- MULTIPLE 2D ALGORITHMS SUPPORTED



**CIM USA Inc.**  
 10813 NW 30th Street, Suite 108 - Miami, FL 33172  
 Tel. 305-639-3040 - Fax 305-639-3060 - email: info-usa@cim-usa.com  
 www.cim-usa.com - www.cimgsa.com



# ME SERIES

# METAL EMBOSSESSER 2000 DM

## 2D MATRIX EMBOSSABLE AREA

ECC200 Barcoding		
Row x Col	Numbers Only	Alpha-numeric
10 x 10	6	3
12 x 12	10	6
14 x 14	16	10
16 x 16	24	16
18 x 18	36	25
20 x 20	44	31
22 x 22	60	43
24 x 24	72	52
26 x 26	88	64

\* Tot area depends on dot size

## BARCODE READER: DATAMAN 7500 (OPTIONAL)



Industrial grade reader able to accurately read of multiple surface types for embossed, dot peen and laser barcoding. Offers corded and wireless version.



## 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** up to 250 plate capacity (0.4mm / 0.0157in)

**OUTPUT HOPPER** up to 250 plate capacity. Options : FIFO (first in-first out) or side eject

### MARKING

**TECHNOLOGY** Standard alphanumeric marking plus 2D Matrix embossing  
Reed-Solomon error correction

**DRUM CAPACITY** 60 , 90 slot (45 by special request)

**TYPE SETS:** Many character configurations available

- 2D DOT FONT 0.25, 0.50, 0.75 mm
- EMBOSSING Simplex 2, OCRB1, Blocco USA, Dbl Blocco, etc. (Height: 3 - 12 mm / 0.118 - 0.472 in)
- DEBOSSING Elite Dog Tag
- INDENTING Simplex 1, Simplex 2, etc.. (Height: 1 - 4 mm / 0.039 - 0.157 in)

**EMBOSSESSING AREA** see table on left or contact your dealer

**PERFORMANCE** 250 plates per hour (40 characters per plate)

### COMMUNICATION INTERFACE & SOFTWARE

**INTERFACE** RS232 serial port; ethernet (optional)

**SOFTWARE** SWORD™ embossing software (for Windows 2000/XP/Vista) with CIM 2D Data to Barcode automatic conversion. Also offers diagnostics, automatic reject plate remake, plate counters, store job templates and more.

**DB COMPATIBILITY** DBIII, DBIV, MS Excel, MS Access

**DIRECT CONTROL** CIM, Xon-Xoff, MultiEmbosser, Stored Format default, Stored Format PROTOCOL Selected and Pound-Pound: for internal application development

**LCD EDIT** Offline keyboard with 2D storable job templates

**2D MATRIX ENCODING** ECC200, DOD, VID and more.

### HARDWARE

**POWER SUPPLY** (100 - 117v; 60Hz) or (220v - 230v or 240v; 50Hz)

**POWER CONSUMPTION** 800 W max

**TEMPERATURE** 5- 40°C / 41-104°F relative humidity 30% -90% non condensing

**DIMENSIONS** 630 x 740 x 380 mm/ 24.8 x 29.1 x 15 in (WXDXH)

**WEIGHT** 172 lbs / 78 kg

### VARIOUS

**LCD DISPLAY** 2 lines by 40 characters LCD display for status display and offline operation

**OTHERS**

- lithium back up battery
- security operation with key lock
- emergency stop red button
- machine status indicator lights
- End of hopper



**MF GROUP SpA - CIM division**  
HEADQUARTERS/OFFICES: Loc. Braine, 54/A - 40036 Rioveggio (BO) - Italy - Tel. +39 051 6776 611 - Fax +39 051 6776 612  
FACTORY: Via O. Serra, 2 -40012 Calderara di Reno (BO) - Italy - Tel +39 051 6465 011 - Fax +39 051 6465 012  
www.cimitaly.it - info@cimitaly.it

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