



ME SERIES

METAL EMBOSSEER 2000 DM

Up To 250 Plate Capacity Hoppers (Input & Output)

Activity Diagnostic Lights



Emergency Stop

LCD Display and Front Control Panel for Technical Diagnostics

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

10 x 10

14 x 14

20 x 20



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



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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 off 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)

EMBOSSESS 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, Excel, MS Access

DIRECT CONTROL

CIM, Xon-Xoff, MultiEmboss, Stored Format default, Stored Format PROTOCOL

LCD EDIT

Selected and Pound-Pound: for internal application development

2D MATRIX ENCODING

Offline keyboard with 20 storable job templates

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

CIM PARTNER



MF GROUP SpA- CIM division

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