FEATURES

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

IDEAL FOR:
- MILITARY ID TAGS
- CABLE AND HOSE TAGS
- INVENTORY, ASSET CONTROL AND TRACKING TAGS FOR HARSH ENVIRONMENTS
- WORK IN PROGRESS
- COMPONENT ID
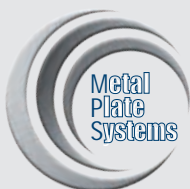- TAGS FOR GALVANIZED OR HEAT-TREATED PROCESSES
- SERIAL NUMBER TAGS

FULLY STAND ALONE SOLUTION
ALL FUNCTION'S NEEDED ALREADY BUILT INTO THE MACHINE'S CPU

SOFTWARE

Support barcode 2D encodation data
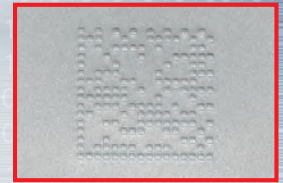ActiveX Controls for the barcode generation
Hardlock protection key

METAL EMBOSSER SERIES
ME 500
2D DATA MATRIX

Interchangeable input hopper for multiple plates

2D DATA MATRIX barcode

THE PORTABLE SOLUTION FOR EMBOSSING OF METAL PLATES AND DOG TAGS WITH 2D DATA MATRIX BARCODE

The **ME 500 2D Data Matrix** is a portable **METAL TAG EMBOSSING SOLUTION** that offers the ability to emboss different tag sizes, it is developed for component and production line identification and traceability applications. The **ME 500 2D Data Matrix** is equipped with an Automatic Feeder, the input hopper contains up to 120 standard tags.

The **ME 500 2D Data Matrix** allows to mark ALPHANUMERIC CHARACTERS and **2D DATA MATRIX** bar codes on metal tags. The **2D DATA MATRIX** barcode has the ability to contain a high volume of data on limited space.

The **ME 500 2D Data Matrix** is a completely self-contained tag marking machine that is **EASY TO TRANSPORT**, and is ideal for permanent marking of steel and aluminum tags. Designed to **OPERATE IN HARSH INDUSTRIAL ENVIRONMENTS**, the **ME 500 2D Data Matrix** is equipped with a **BUILT-IN LINUX BASED CPU** and an industrial spill proof membrane keyboard that allows the machine to work completely stand-alone without a PC. The interface is user-friendly and the large high resolution **LCD DISPLAY** makes data entry quick and easy in any production environment.

Metal Plates

Dog Tags & Medical Alert Tags

CARD IMAGING MASTER

Internal view

Integrated standard keyboard

Easy to carry handle

FEATURES AND SPECIFICATIONS

PLATE AND FEEDER

dimensions	Metal plates up to 2.35"x2.56" and all dog tags and medical alert dog tags are supported
materials	stainless steel, aluminum
thickness	Metal plates: 0.3556 – 0.70 mm / 0.014 - 0.027 in Dog Tags: 0.3556 - 0.4572 mm / 0.014 - 0.018 in Medical Alert Tags: 0.6604 - 0.8128mm / 0.026 - 0.032 in
input hopper	up to 120 plates capacity (0.4 mm / 0.0157 in)

MARKING

technology	Embossing
drum capacity	60 slots
type set	Simplex 2, Block USA, Block 5
embossing area	up to 10 lines/20 characters
performance	Metal plates: one plate each 34" (5 lines – 12 characters) Dog Tags: one plate each 27" (5 lines – 45 characters)

2D Data Matrix	Spacing	Dot	Performance
12x12	SP=04	0.50 mm	1 plate each 43 sec
14x14	SP=04	0.50 mm	1 plate each 52 sec
16x16	SP=04	0.50 mm	1 plate each 67 sec

COMMUNICATION AND SOFTWARE

interface	RS232 serial and USB 2.0 port
software	Linux based self enclosed software Sword Pc application proprietary software compatible with Windows 7/8/10
direct control	CIM, Xon-Xoff, MultiEmbosser, Stored Format default, Stored Format
protocol	Selected and Pound-Pound: for internal application development

HARDWARE

power supply	universal switching power supply 100-240 Volts; 50 or 60 Hz
power consumption	300 W max
operating environment	temperature: 5°÷ 40°C 7 / 41°÷104° F relative humidity 30% ÷ 90°
dimensions (WxDxH)	460 x 605 x 280 mm / 18.11 x 23.81 x 11.02 in
weight	30 Kg / 68 lbs

VARIOUS

LCD display	innovative backlight LCD (320 x 180 mm) display with high readability and reversed characters for direct sun view
others	built in keyboard easy to carry handle multilingual menu: english, spanish, italian

The **ME 500 2D Data Matrix** has been designed as the ideal no hassle for low to medium metal plates and dog tags volumes.

The **ME 500 2D Data Matrix** is equipped with an **Automatic Feeder,** the input hopper contains up to 120 standard tags.

The **ME 500 2D Data Matrix** is able to emboss up to 105 metal plates per hour. The unit weighs 30 kg, making it a compact, rugged, all inclusive solutions for metal plates and dog tags marking.

The **ME 500 2D Data Matrix** comes with an integrated Linux based CPU that allows the machine to work completely stand alone.

Davies Enterprises Ltd.
114 Chain Lake Drive
Halifax, NS B3S1B1
(902)450-5075
www.daviesenterprises .com

davies

cim-usa.com

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