

FEATURES



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 AND UTILITY COMPANIES

IDEAL FOR:

- AUTOMOTIVE BODY AND VIN PLATES
- 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 NEEDED
ALREADY INSTALLED INTO
THE MACHINE CPU

SOFTWARE



The CIM's response to the increasing demand for sophisticated software for small/medium metal plate and dog tag production.



METAL EMBOSSEYER SERIES ME 500



AUTOMATIC FEEDER



Interchangeable input hopper

MANUAL FEEDER



Single plate feeder

THE PORTABLE SOLUTION FOR EMBOSSEYING OR DEBOSSING OF METAL PLATES AND DOG TAGS

The **ME 500** is a portable **METAL TAG EMBOSSEYING SOLUTION** that offers the ability to emboss different tag sizes, it is developed for component and production line identification and traceability applications. It is available in two versions: the manual (**ME 500 Manual Feeder**) which can mark non-planar tags such as "easy entry" cable tags and odd shaped tags, and the automatic (**ME 500 Automatic Feeder**) with a 120 input hopper for standard tags.

The **ME 500** 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** 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



FEATURES AND SPECIFICATIONS



Manual Feeder - Internal view



Automatic Feeder - Internal view



Integrated standard keyboard



Easy to carry handle

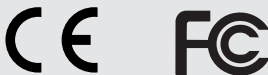


PLATE AND FEEDER

dimensions	Metal plates up to 60 x 65 mm and all dog tags and medical alert dog tags are supported
materials	stainless steel, alluminum
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) - automatic feed only

MARKING

technology	Embossing or debossing
drum capacity	60 slots
type set	Simplex 2, Elite Dog Tag, Block USA, Block 5, OCRB1
embossing area	up to 10 lines/20 characters (Elite 328 Dog Tag)
performance	Metal plates: one plate each 34 seconds (5 lines – 12 characters) Dog Tags: one plate each 27 seconds (5 lines – 45 characters)

COMMUNICATION AND SOFTWARE

interface	RS232 serial and USB 2.0 port
software	Linux based self enclosed software Optional: Blade PC application proprietary software Windows / XP / 7 Optional: Blade USB on USB key for multiple use
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** has been designed as the ideal no hassle for low to medium metal plates and dog tags volumes.

The **ME 500** is available in two versions: the manual (**ME 500 Manual Feeder**) which can mark non-planar tags such as "easy entry" cable tags and odd shaped tags, and the automatic (**ME 500 Automatic Feeder**) with a 120 input hopper for standard tags.

The **ME 500** is able to emboss or deboss 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** comes with an integrated Linux based CPU that allows the machine to work completely stand alone.

davies

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

cim-usa.com

