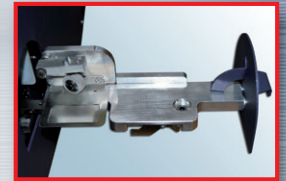# METAL EMBOSSER SERIES
ME 500

AUTOMATIC FEEDER

Interchangeable input hopper
for multiple plates

MANUAL FEEDER

Single plate feeder

THE PORTABLE SOLUTION FOR EMBOSSING OR DEBOSSING OF METAL PLATES

The **ME 500** 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. 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 aluminum and steel 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.

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Manual Feeder - Internal view

Automatic Feeder - Internal view

Integrated standard keyboard

Easy to carry handle

ME500

C UL US
LISTED

RoHS

CE FC

FEATURES AND SPECIFICATIONS

PLATE AND FEEDER

dimensions	Metal plates up to 60 x 65 mm
materials	alluminum, stainless steel
thickness	Metal plates: 0.3556 – 0.70 mm / 0.014 - 0.027 in
input hopper	up to 120 plates capacity (0.4 mm / 0.0157 in) - automatic feed only

MARKING

technology	Embossing
drum capacity	60 slots
type set	Simplex 2, Block USA, Block 5, OCRB1
embossing area	up to 10 lines/20 characters
performance	Metal plates: one plate each 34" (5 lines – 12 characters)

COMMUNICATION AND SOFTWARE

interface	RS232 serial and USB 2.0 port
software	Linux based self enclosed software Optional: PowerTag PC application proprietary software Windows 7/8/10 Optional: PowerTag 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)	455 x 605 x 280 mm / 17.91 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.

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.

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

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