

C320

METAL PLATE EMBOSSESSER



THE CONVENIENCE OF MATICA PROPRIETARY TECHNOLOGY

Model C320 has been specifically designed to provide low to medium volume metal marking applications with an electronic solution where, until today, the only low-cost alternatives have been manual systems.

The C320, while ideal for industrial applications that require lower processing speed the one offered by more expensive systems or as a back-up unit for larger systems, still offers the convenience of an automatic plate feeder mechanism and on-line capability.

TARGET MARKETS

- Military & Aerospace
- Steel & Metal Treatment Plants
- Automotive
- Electric Motors & Pump Mfrs



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COMPACT AND STURDY DESIGN

The design of the C320 is not only compact and ergonomic, thus allowing it to fit into any office or factory environment, but also sturdy and resistant.

The cover, made in a combination of aluminium and self-extinguishable plastic material, allows the C320 to withstand harsh industrial environments thus ensuring its perfect functioning over time.

QUIET OPERATION

The C320 features a silent embossing mechanism can therefore be placed in any industrial or office environment without disturbing employees.

VARIABLE PLATE & FONT SIZE

The C320 is equipped with an automatic loading hopper and finished plates are ejected through a side slot. The C320 can be configured for either embossing or indent applications, using a wide choice of type styles, and the operator can manually adjust the machine for varying plate dimensions.

ON LINE OR OFF LINE

Data entry can either be performed through the supplied keyboard or via PC or host using the optional RS232 interface. The C320 incorporates the Xon Xoff protocol and can easily be connected to any PC or host environment.

The MatiCard® 3 Windows based software provides user-friendly interface between the operator and the model C320.

TECHNICAL SPECIFICATIONS

Productivity (45 ch/plate)

Up to 80 plates/hour
Recommended operating time: 4 hours/day (max 1 hour continuously + 15 minutes rest)

Plate Handling

Universal plate feeder
Input hopper capacity: 200 plates (0.5 mm thickness)
Side Eject
Universal Clamp Holder

Plate Personalization

Minimum plate dimensions (L x W): 30.5 mm x 20.3 mm
Maximum plate dimensions (L x W): 89 mm x 56 mm
Maximum embossing area (L x W): 82 mm x 56 mm
Maximum plate thickness:
Stainless (350 & 328 only): 0.4 mm
Aluminium (type styles 350 & 328): 0.5 mm
Aluminium (type style 488): 0.4 mm
Aluminium (type style 489): 0.9 mm

Embossing Drum Configuration

Embossing drum: 60 characters
Standard type (alphanumeric): Simplex 2 (350) - 3 mm emboss
Optional type (alphanumeric):
• USA Block (490)
• 0.40 mm emboss; Simplex 3 (489) 4 mm indent
• Elite dog tag (328) - 3 mm deboss

Memory & Data

Storable formats: 10
Data format: 15 fields for 32 characters ea.
Back-up battery: lithium

Communication Interface

Communication interface: RS232 serial port
Protocol: Xon/Xoff

Software

Maticard 3 for Windows® (XP/2K)
Diagnostic and setup software

Other Features

Key-lock security feature
LCD display (40 x 2) + 3 function keys
PC keyboard
Upgradeable firmware: via PC on Flash EPROM

Dimensions & Weight

L x W x H: 65 x 49 x 26 cm
Weight: 34 kg

Electrical Requirements

Power supply: 100 to 240 VAC (+/- 10%); 50/60 Hz (+/- 3 Hz)

Matica
SYSTEM

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