MATICA
Technologies for a safe world

C430

C430
Metal Plate Embosser

Matica C430 electronic embosser has been specifically engineered for heavy duty and continous production. It is a strong, reliable system ready to emboss plates in the most harsh environments and can handle a huge variety of size, materials, shapes and thicknesses.

The C430 comes equipped with an integrated, manually adjustable automatic plate feeder that holds up to 350 plates (0.5 mm thickness). The C430 is particoularly siuted for continuous medium to high volume production process. The system can easily accomodate various sizes and shapes of plates and can be efficiently used to emboss different identification plates within the same production facility.

Matica C430 provides a heavy duty embossing mechanism which includes a powerful high torque motor, high percussion embossing arm, hardened drum and fonts for the hardest jobs. The C430 is designed for the personalization of plates of various materials and thicknesses, including steel, iron, aluminium, bronze and can guarantee in all cases outstanding quality.

Once embossed, plates can either be placed in an external collection box via a side eject mechanism or stacked in a FIFO output stacker. The external tray is designed for those jobs where plate shape or side frequently changes. Matica C430 incorporates the Xon Xoff protocol and is compatible with Windows Generic printer driver. Production can be easily managed by any Windows based application. Other protocols are available. Data entry can alternatively be performed through a keyboard using the integrated sophisticated off-line editor.

- **Renewed and modern design**
- **Ideal for medium to highvolumes**
- **Heavy duty embossing mechanism**
- **Variable plate and font size**
- **Manageable on-line and off-line**

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TECHNICAL SPECIFICATIONS

Productivity	200 plates/hours (40 ch/plate) Recommended operating time: 16 hours/day
Plate Handling	Input hopper capacity: 350 plates (0.5 mm thickness) Input hopper height: 180 mm Side Eject or optional automatic variable FIFO output stacker Plate thickness: from 0.4 to 0.9 mm
Plate Personalization	Minimum plate dimensions (L x W): 50 mm x 20 mm Maximum plate dimensions (L x W): 120 mm x 90 mm Non - embossing area: 4mm from clamp side
Embossing Drum	Embossing drum: 100 characters (special drums available upon request)
Available Characters	Simplex 2 (350) - 3 mm embosser USA Block (490) - 4 mm Block (488) - 5 mm Double Block (511) - 6 mm (50 characters drum) Double Long Block (611) - 8 mm (50 characters drum) Maxi Block (711) - 12 mm (50 characters drum) Other fonts available on request All fonts are available in Standard or Reverse version
Interface	USB interface (USBtoCom driver) Protocol: Xon/Xoff, CHIP, L2, ##, SEP, Multi Embosser Storable format layouts: 2 of 50 fields x 80 characters RS232 serial port optional LAN optional PS2 Keyboard Interface (keyboard not included)
Other Features	Key-lock security feature LCD display (40 x 2) + 1 Clear button Emergency Stop button
Warranty	1 year or 500.000 plates
Dimension (L x W x H)	91 x 60 x 42 cm
Weight	Weight: 70 Kg
Electrical Requirements	Power Supply: 100 to 240 VAC; 50/60 Hz, 200 Watt
Operating environment	Temperature: 5 ÷ 40 °C Humidity: 30% ÷ 90% non condensing

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