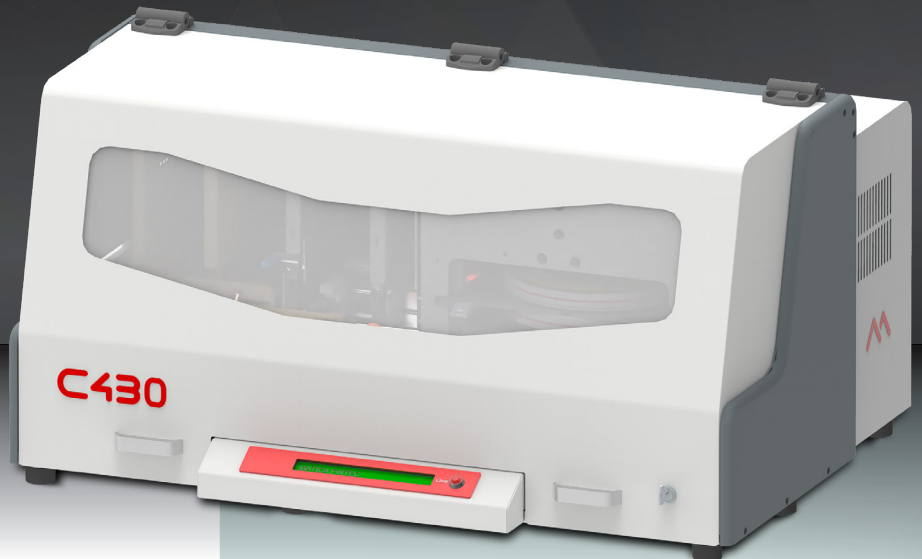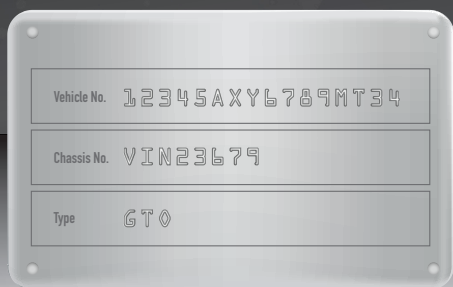# C430

Flexible, heavy duty desktop metal plate embosser

Heavy duty, industrial tabletop metal plate embossing

Matica's **C430** is ideal for heavy duty and continuous production. It is an industrial grade system ready to emboss plates in any environment and can handle a huge variety of sizes, materials, shapes, and thicknesses.

The rugged C430 comes equipped with an integrated, manually adjustable automatic plate feeder that **holds up to 350 plates** (0.5 mm thickness). It is best suited for continuous medium to high volume production cycles. This versatile system can easily accommodate various sizes and shapes of plates, from a **minimum of 50mm x 20mm to a maximum of 120mm x 90mm**.

The C430's **heavy-duty embossing mechanism** includes a powerful high torque motor, high percussion embossing arm, hardened drum, and fonts for the toughest jobs. It can personalize plates of various materials and thicknesses, including **steel, iron, aluminium and bronze** – with outstanding results guaranteed.

C430 delivers...

▶ Renewed, modern industrial grade design
▶ Compact desktop design easily fits anywhere
▶ Cost effective with low maintenance
▶ Fast and reliable continuous feed operation
▶ Robust mechanics and durable metal casing
▶ Versatile for numerous metal plate applications/sizes

Ideal for...

▶ Medium to high volume plate issuance
▶ Military and defence agencies
▶ Steel and metal treatment plants
▶ Electric motors and pump tags
▶ Automotive
▶ Shipyards

Options

▶ LAN

Embossing/indenting	Card feeder	Plate speed	Characters
Standard	Up to 350 plates	200 pph	123/ABC 100

Key-lock	Emergency	Windows®	Quiet	LCD display	Extra fonts	Warranty
Security	Button	10 and 11	Working operation	READY 40 x 2 lines	Aa Option	1 year

Embosser specifications

Method

Embossing and indenting

Speed

200 plates per hour (40 characters per plate)

Plate embossing

• Universal plate feeder
• Side eject
• Universal clamp holder

Embossing drum

100 characters

Available characters

• Simplex 2 (350) – 3 mm embosser
• Simplex 3 (489) – 4 mm embosser
• USA Block (490) – 4 mm
• Block (488) – 5mm
• 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)
• Hebrew: 3mm font size (13 cpl x 6 lines per plate) (0.3mm depth)

Plate formats

• 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: 5 mm from clamp side

Plate material

Steel, iron, aluminum, bronze

Plate feeder

350 plates (0.5 mm thickness)

FIFO unloader

• First In, First Out plate stacker
• Height of 180mm
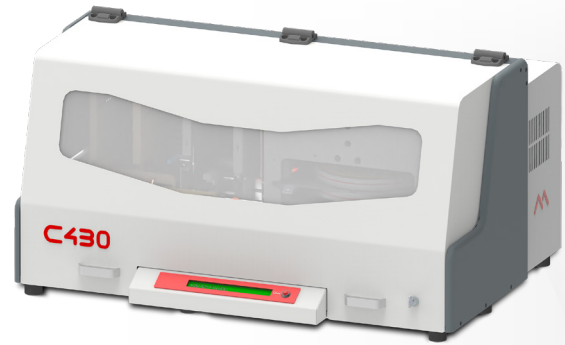• Equipped with unloader full sensor (inline)

Communications interface

USB 2.0

Printer dimensions (H x W x D)

910 x 600 x 420 mm (35.8" x 23.6" x 16.5")

Weight

70 kg (154 lbs)

Display

LCD display (40 x 2) + 1 clear button

Interface

• Protocol Xon/Xoff, CHIP, L2, ##
• Storable format layouts: 2 of 50 fields x 80 characters
• PS2 keyboard interface (keyboard not included)

Security

• Key-lock security feature
• Emergency stop button

Power supply

100-240V, 50-60 Hz, 200W

Operating environment

• Temperature: 5ºC - 41ºC, 59ºF - 104ºF
• Humidity: 30% - 90% (non-condensing)

Sound (ISO 7779)

Sound pressure less than 65dB (A)

Certifications

RoHs, CE, FCC, CQC, WEEE

Warranty

1 year or 500,000 plates

Software specifications

Printer driver

Windows® (32/64bit) 10, 11

Options

Fonts

• Other fonts available on request
• All fonts are available in standard or reversed version

LAN

Connect to server

Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: Minneapolis HQ, South Carolina

Middle East: Dubai

Authorized reseller / System integrator

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C430 Datasheet A4 UK V3