

TABLETOP SYSTEMS

Deep scratch marking

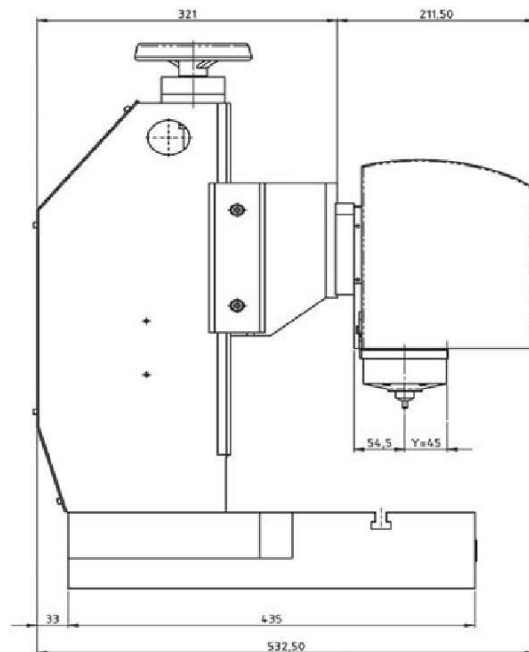
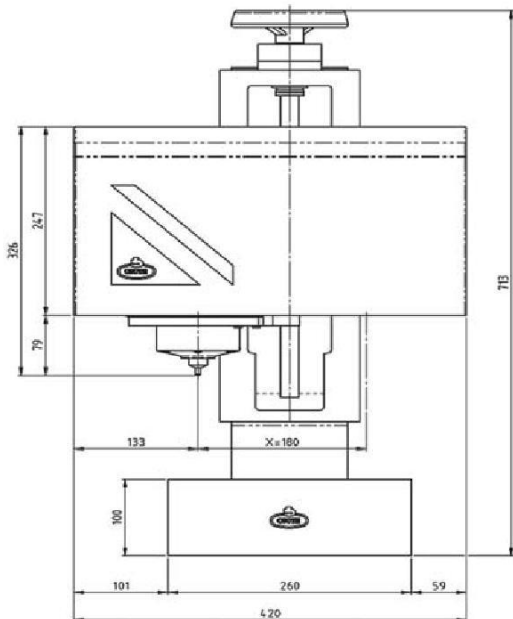
MC2000 N (180x45)



A compact, solid model especially designed for the deep marking of components.

Specially designed for marking metal profiles, such as building structures. Vehicle Identification Numbers, etc.

Highly reliable, fast and quiet deep marking of all kinds of materials.



Technical Features

- Marking area: 180 x 45 mm
- High scratch-marking speed Maximum depth: 0.3mm — 0.5mm
- Servo motors with encoder feedback
- 5-meter long robotics cable(customized length on request)
- Air pressure: 6 bar
- Connection to T2S control unit (see controller technical data)
- Wide range of marking heads, in terms of geometrics, depth and material (diamond available)
- Wide range of characters from 1 to 40 mm Symbols, logos, 2D DataMatrix, etc.
- PC-run editing program





MC 2000 T²S CONTROLLER

The MC 2000T²S controller is the latest generation electronic controller for MC 2000 servo technology scratch marking machines. The MC 2000T²S controller embodies the best features of all previous COUTH control units and incorporates cutting-edge technological improvements. That makes it the most powerful and flexible tool of its kind on the market.

Its servo motor technology with position control by means of encoders guarantees maximum speed and reliability.

Technical Features

- Stand-alone unit: no PC required for its operation
- Controller suitable for other COUTH servo scratch markers
- Continuous pneumatic drive or dot-by-dot
- Graphic menus for easier use
- Multi-language menus
- Vectorial marking without losing resolution, whatever the size
- Straight, oblique, arc and symmetrical marking capabilities
- Marking of serial numbers with range and recurrence settings, shifts, time, date, week, etc.
- Marking of logos and special characters
- Marking of 2D DataMatrix coding
- Choice of fonts; possibility of creating customized fonts
- Adjustable character compression, expansion, spacing, italic writing and dot density
- Adjustable speed
- Plug-in or built-in Start/Stop push-button box
- Slave mode operation with PC or PLC.
- RS232 series interface, adaptable to RS485, Ethernet, Profibus, etc.
- 11 input signals and 7 output signals, all programmable for connection to PLC
- Jack for external keyboard connection
- Jack for barcode or DataMatrix code reader connection
- Connector for plate feeder, rotating devices, jogging systems, etc.
- 40-line files (75 characters/line)
- Storage of up to 500 files
- PC-compatible SD card for storage and transfer of settings, files, logos, etc.
- RoHS standard compliant SMD technology
- Complies with European CE marking regulations
- Power supply: 110/220 V, 50/60 Hz
- 120 mm x 90 mm, 320 x 240 pixel gray scale display
- Dimensions: (width x height x depth) 449 x 177 x 250 mm
- Weight: 11.7 kg



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