## MC2000 U (180x45)

Solid and compact model specially designed for its incorporation into production lines where really deep marking is required.

Specifically designed for marking metal shapes, such as metal construction structures, VIN number on vehicles, etc.

High reliability and marking speed, silent operation, high quality and deep-marking of all kinds of materials.

Reliable, robust, and low-maintenance system.
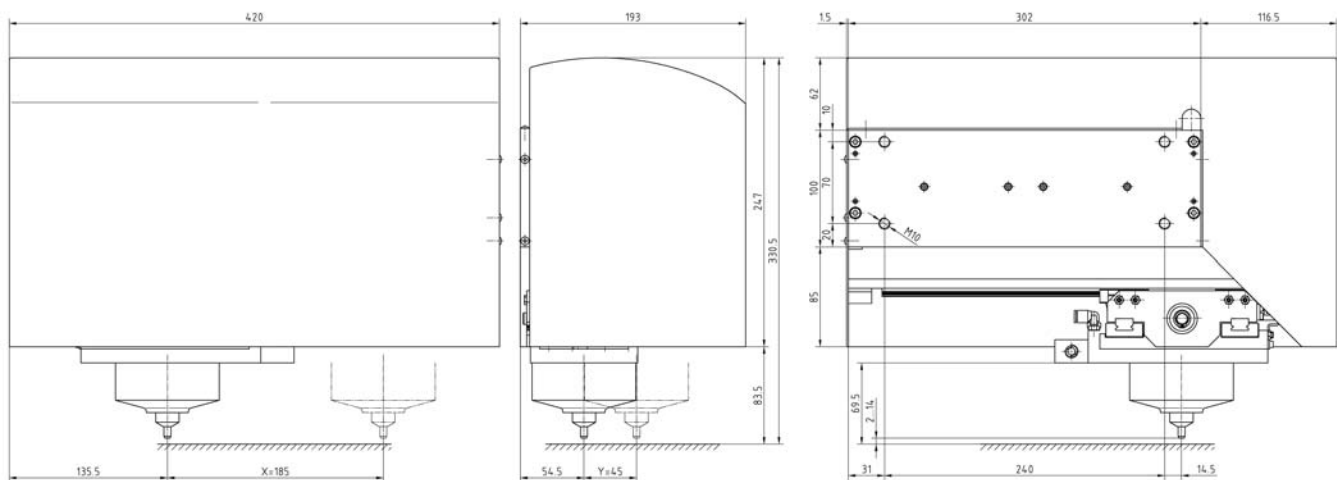


## Technical features

- Marking area: 180x45 mm
- High scratch-marking speed
- 2-metre long robotics cable (customised length on request)
- Air pressure: 6 bar
- Connection to T2 control unit (see controller technical data)
- Wide range of characters from 1 to 48 mm, anagrams, logos, etc.
- PC-run editing program

COUTH

# MC 2000T² CONTROLLER

MC 2000T² is the latest generation electronic controller for all MC2000 marking machines. The MC 2000T² controller embodies the best features of all previous COUTH control units and incorporates cutting-edge technology improvements. That makes it the most powerful and flexible tool of its kind in the market.

Its new vectorial-definition based marking system makes it possible to mark any kind and size of character and logo without losing resolution.

## Technical Features

- Stand-alone unit. No PC required for its operation.
- Controller suitable for any COUTH marking system.
- Pneumatic or electromagnetic drive according to mechanics.
- 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, prior setting of range and recurrence, shifts, time, date, week...
- Marking of logos and special characters.
- Marking of 2D DataMatrix coding.
- Choice of fonts. Possibility of creating customised fonts.
- Adjustable character compression, expansion, spacing, italic writing and dot density.
- Adjustable speed and impacting force.
- Plug-in or built-in Start/Stop push-button box.
- Slave mode of operation with PC or PLC.

- RS232 series interface, adaptable to RS485, Ethernet, Profibus...
- 11 input signals and 7 output signals, all programmable for connection to PLC.
- Socket for external keyboard connection.
- Socket for barcode or DataMatrix code reader connection.
- Connector for plate feeder, rotating devices, jogging systems...
- 40-line files (75 characters/line)
- Storage of up to 500 files
- PC-compatible SD Card for storage and transfer of settings, files, logos...
- RoHS standard compliant SMD technology. - Complies with CE mark European Directive.
- Power supply: 110/220V, 50/60Hz.
- 120mmx90mm, 320x240 pixel grey scale display.
- Dimensions (width x height x depth -mm-) 280x160x261.
- Weight: 5.450kg

AENOR
ER
Empresa Registrada
ER-1842/2005

CERTIFIED
I♦Net
MANAGEMENT SYSTEM
ISO 9001:2008