MICRO-PERCUSSION

PORTABLE MACHINE

Mobile 220

www.technifor.com

TRACEABILITY AND IDENTIFICATION SYSTEMS

technifor

A MARK WHICH DEFIES TIME

The Mobile 220 gives you the advantage of a reliable, high-performance r

Tried and tested industrial reliability

The **mobile 220** uses the same technology as our integrated marking heads, which can be found running 24 hours/day on automated production lines.

The **200 series** is the result of 20 years of experience with more than 10,000 machines in production worldwide.

Mobile yet effective

The integrated design of the **Mobile 220** head, with its adjustable handles and feet, allows **precise, high-quality marking** in all positions.

Its versatile support system gives **great stability to the Mobile 220 and minimises vibration** to the user.

The **flexible Mobile 220** can be operated up to 45 feet from the controller. It can be suspended from a balancer to make handling even easier. It can also be fitted with customised feet for specific applications and precise positioning.

A **fast and precise** stylus adjustment combined with the amplitude of the stylus allows marking on a variety of profiles (flat or curved) and on surfaces which are either machined or cast.

A versatility that gives you choice

Pneumatic energy

For a quick continuous marking action (logos)

Electromagnetic energy

Increased portability and flexibility with only one source of energy and a larger amplitude stylus

Marking on a flat surf

on a cu

...machine, with ease of operation and flexibility for your industrial environment

High performance in a portable machine

- **High speed marking**
  (up to 5 characters per second with pneumatic system)
- Marking area: **45x45mm**
- Possibility of marking several lines per marking file (up to 50 lines per file)
- Character size from 0.5 to 45 mm with 0.1 mm steps
- Marks on soft plastics or metals to Rc62
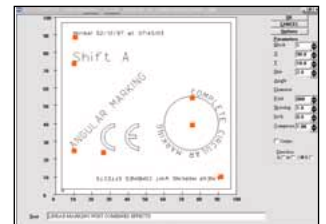
Electronically controlled

The operation of the Mobile 220 is adaptable to fit into your industrial environment

- A control unit with integrated software (UCS 200)
- Production line control or PC
- A control unit in independent mode (UC 200)

The PC using Windows® software (T200W) allows a quick user-friendly setup and storing of numerous marking files. After validating the setup with the help of the graphic screen, the data is then transferred to the control unit by the RS232. The PC can then be disconnected and the control unit will work independently.

"Drag-and-drop" editing

Marking possibilities

- Variables:
  - Serial numbers, date codes, shift codes, times stamps
  - Customised variables
- Text:
  - Linear, angular, radial marking- inverted, mirrored, reflected text
  - Centering, compression, inclination, spacing of characters

- Geometric shapes (square, line, circle, oval)
- Choice of fonts:
  - continuous lines, dot by dot, 5x7, OCR-A and OCR-B, customised fonts
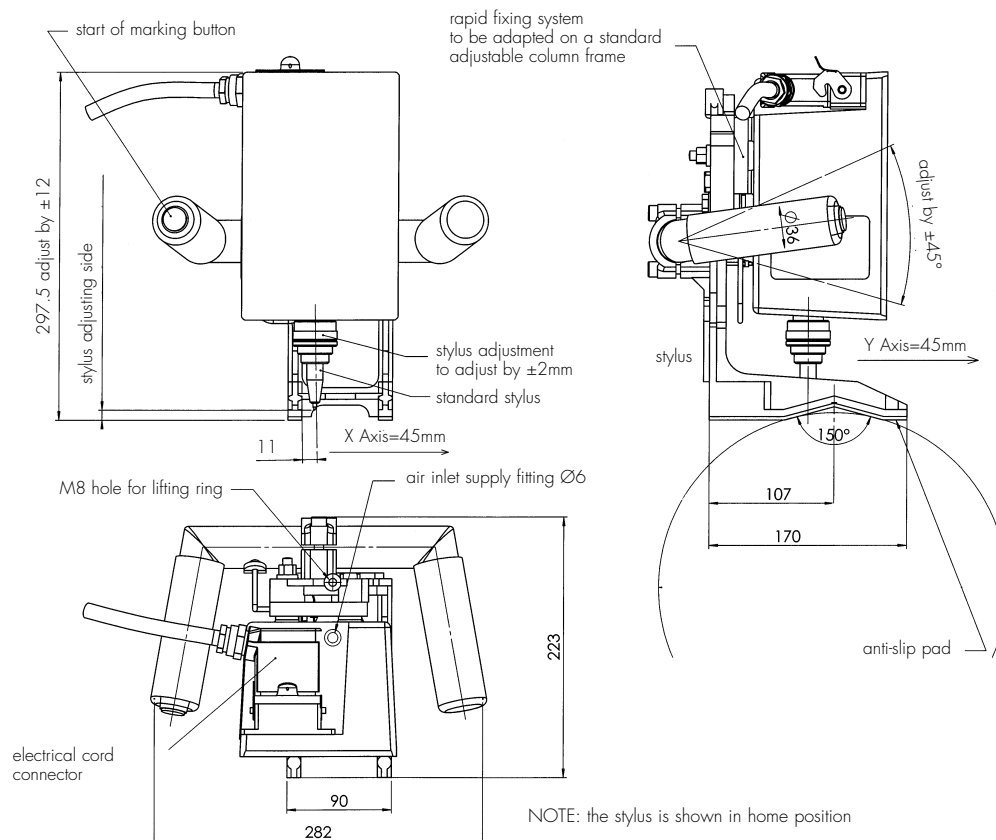- Logos

...ace

Mobile machine

Marking ...rved surfaces

Fixed machine

start of marking button

rapid fixing system to be adapted on a standard adjustable column frame

297.5 adjust by ±12

stylus adjusting side

adjust by ±45°

Ø36

stylus adjustment to adjust by ±2mm

standard stylus

stylus

Y Axis=45mm

11

X Axis=45mm

150°

M8 hole for lifting ring

air inlet supply fitting Ø6

107

170

223

electrical cord connector

anti-slip pad

90

282

NOTE: the stylus is shown in home position

Marking Head:
- Dimensions (LxWxH): 282x223x297.5 ± 12mm
- Weight: 5.5kg (12lbs)

Accessories:
- Column for bench-top application
- Rapid fixing device to column frame
- Balancing system to suspend the head

Options:
- Custom feet for specific applications

Technical Requirements:
- Electrical supply: 115V or 230V, 50/60Hz
- Power: 100W
- Air pressure: Nominal use 6 bar
  Range: 5.5 to 6 bar
- Pneumatic filter input: 1/4"NPT/BSP
- Head pneumatic input: 6mm
- Air consumption: 0.4 to 0.7 Nl/character
  (0.015 to 0.026 SCFM/character. Max of 3SCFM)
- Operating temperature: from 5°C to 45°C

Control Unit:
- UC 200 control unit in bench-top or 19''3U rack versions
- UCS 200 control unit with integrated software in bench-top or rack versions
- Communications:
  - RS 232 or 485
  - PC with Windows® software, PLC
  - Bar code reader (optional)
  - 8I/8O board (optional)
- Memory capacity: 32 KB (upgradeable to 128 KB)

Options:
- Downloading of customised fonts and logos
- Waterproof cabinet for the control unit
- Shielded connecting cord (3, 6, 10 or 15m long)

Standards:
- Council directive "Machinery" 89/392/CEE.
- Council directive "Electromagnetic compatibility" 89/336/CEE.
- Council directive "Electric material" 73/23/CEE.

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AFAQ
ISO 9001
VERSION 2000

CERTIFIED QUALITY SYSTEM
IQNet

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