


# MAAI CN8

## Semi-automatic hand fitting machine

Datasheet, 04.12.2020, V1

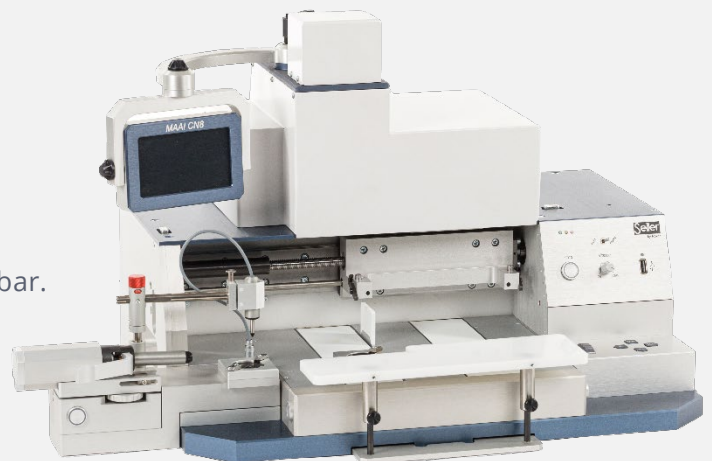
 Engineered and made in Switzerland

The MAAI CN8 equipment makes it possible to position the gearing of the date movements at midnight and then to set up to 8 hands on this movement.

Several options are available: Quick lock, Datomat, Remote Datomat and Vision (sharing control).

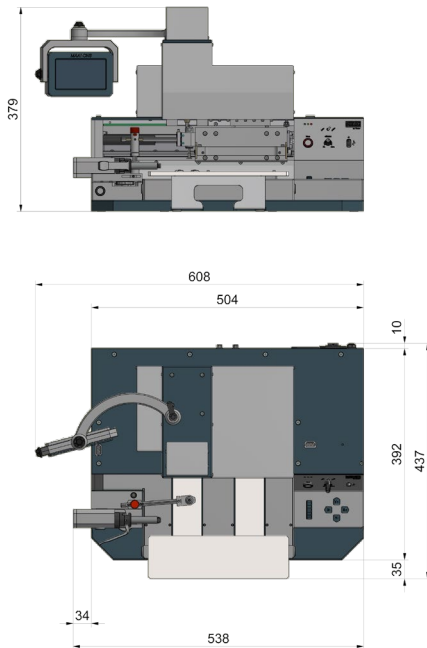
## Machine functions

- Compact workbench machine.
- Intuitive, ultra-precise and rapid.
- Drives on 1 to 8 centred or off-centred hands.
- Loaded concurrently.
- Date change setting (Datomat).
- Date skip in hidden time.
- Independent movement holding spindle and tool bar.
- Mechanical or vacuum hand pick-up.
- Independent or simultaneous hand pick-up.
- Easy driving height correction.
- Driving-on assistance system.
- Double start and electronic safety barrier.
- Work area with adjustable backlighting.
- Interface with touch-screen mounted on articulated arm.
- Axis speed setting potentiometer, 1 to 100%.
- Axis control pad.
- Manual mode for setting the machine.



## Software functions

- 2 programming modes: by code line or programming.
- Min. and max. driving force limit can be programmed for each hand.
- Storage of hunting data.
- Exporting hunting data.



## Basic element and configuration

### Standard :

- MAAI CN8-

### Options/Accessories :

- Datomat for date change
- Remote Datomat
- Quick locking
- Vision
- Adjustment tool
- Maintenance contract

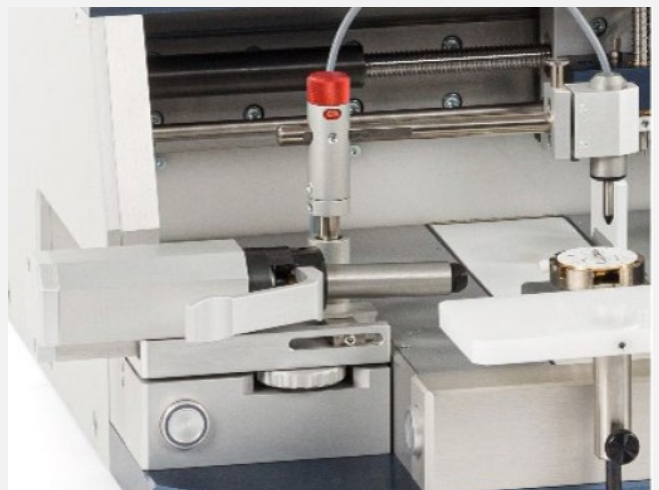
## Available options

### Quick locking



- Allows the movement holder to be locked without tools (1/4 turn).

### Datomat for date change



- Absolute precision, obtained by the motor encoder.
- Adjustment easy motor position.
- « Teach In » assist function.
- Sensitivity, speed and direction of rotation adjustable (40 à 280 rp/min).

## Remote Datomat



- Allows date jumping in hidden time.

## Vision

Adjustment assistance device and visual control device



- High resolution camera for Y-axis split control.
- Additional camera for X-axis adjustment support.
- Full HD screen 10.1" 1'920 x 1'080.
- Control layers display configurable.
- Indirect lighting to improve the display of the hand profile.

## Technical specification

Supply voltage :	110-230 V / 50-60 Hz
Power :	500 W
Driving force :	0.1 to 200 N
Resolution of X, Y and Z axes :	±0.001 mm
Program and data transfer :	USB 2.0
Complete tool changeover time :	Less than a minute
Weight :	26 Kg
Dimensions (l/d/h) :	505 x 395 x 380 mm