


MAAI CN8

Semi-automatic hands laying machine

Datasheet, 01.06.2023, V1.1

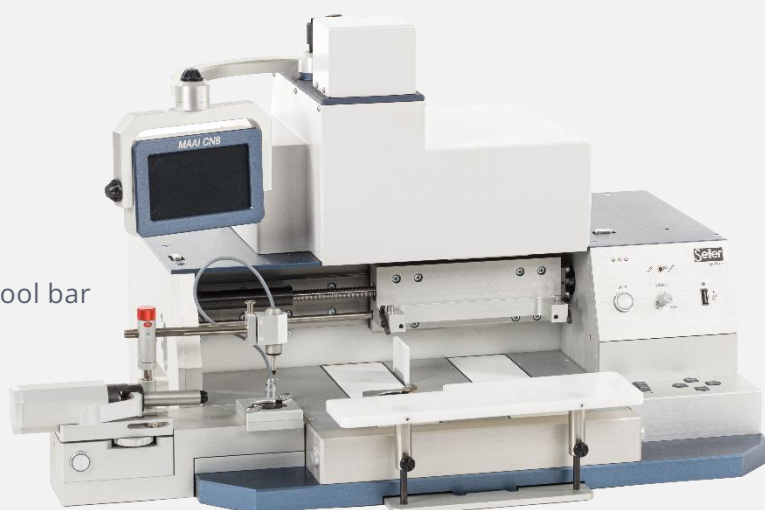
 Engineered and made in Switzerland

The equipment MAAI CN8 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 centered or off-center 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 driving data
- Exporting driving data

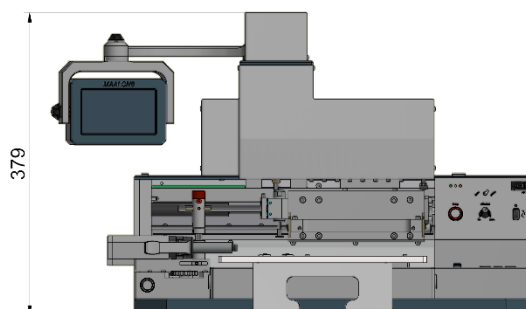
Technical specifications

Supply voltage :	110-230 V / 50-60 Hz
Power :	500 W
Driving force :	0,1 to 200 N
Resolution of X ; Y et Z axes :	$\pm 0,001$ mm
Program and data transfer :	USB 2.0
Duration of complete too changeover :	Less 1 minute
Weight :	26 kg
Dimensions (l/d/h) :	505 x 395 x 380 mm

Basic element and configuration

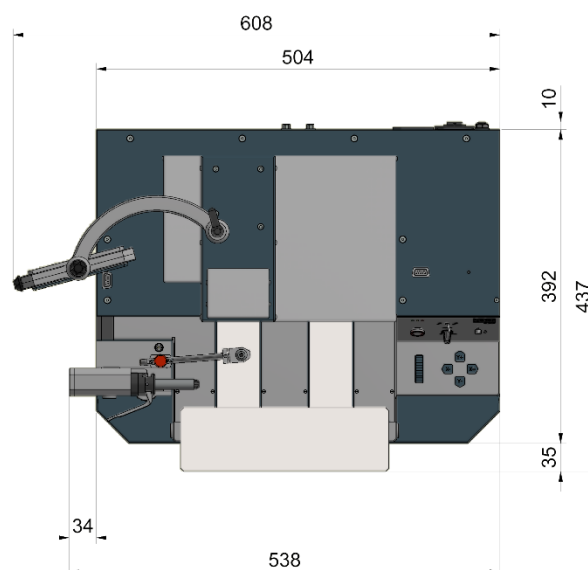
Standard :

- MAAI CN8



Options / accessories :

- Datomat for date change
- Remote Datomat
- Quick locking
- Vision
- Work Tooling
- Control Tooling
- Maintenance contract



Available options

Datamat for date change



- Absolute precision, obtained through the motor encoder
- Easy motor position setting and out-of-round correction
- "Teach In" setting assistance function
- Adjustable sensitivity, speed and rotation direction (40 to 280 rpm)

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

Remote Datamat



- Allows date jumping in hidden time

Quick locking



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