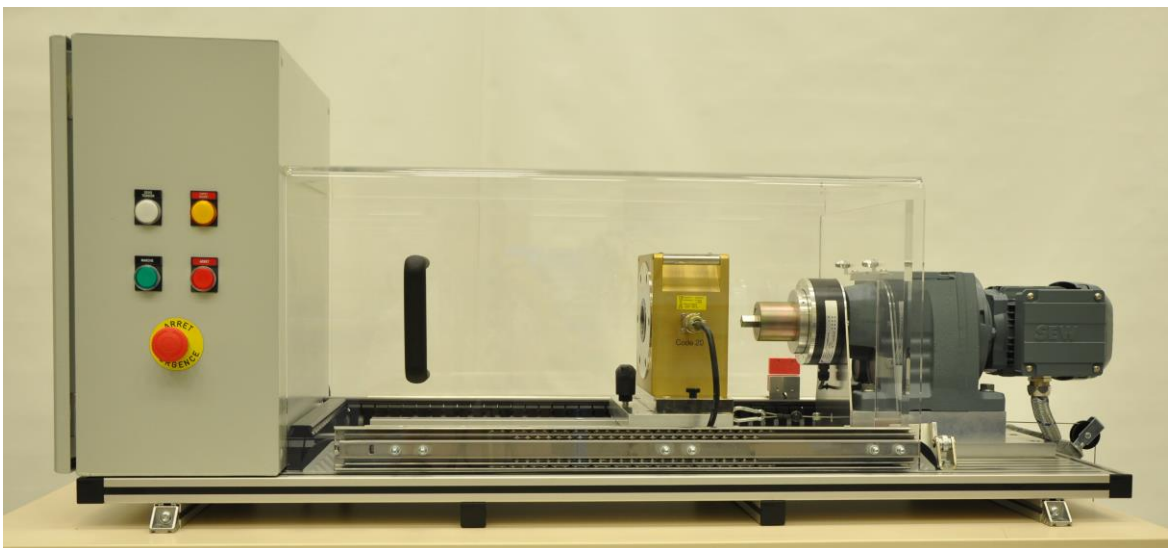


## Threaded fastener testing bench



*Motorized test bench, model BCF1-250-20A*

CALMAN can be fitted with a motorized bench, which guarantees the constance of rotation speed . With this device, many additional control procedures were integrated into CALMAN.

The tightening speed may be changed and adjust according to the specification of a norm.

The operator is protected, 2 models of cover exist.

The system remains always usable for a manual tightening.

The bench is compatible with the system COMBAN and permits an evolution towards this system.



Model	Torque	Max. speed	Diameter of the fastener
BCF1-250-20A	250 Nm	20 rpm	M12 – M14 class 8

*Technical characteristics*

Optimal speed : 10 rpm  
 Max speed : 20 rpm, can be extended to 30 rpm  
 Nominal torque : 250 Nm  
 Angular sensor: rotary encoder, 720 points  
 Power supply : 220V, 450 W

*For special applications, the maximum speed can be extended to 30 revolutions per minute.*

*Option*

-Temperature and humidity sensor

*Dimensions*

- W: 1.3 m, D: 0.5 m, H: 0.65 m  
 - Weigh: 75 kg

The machine must be installed on a table or a workbench, in a laboratory.

*Covering of the spindle*

The bench is fitted with a cover which causes a minimum obstruction to the view and restricts access to the spindle during test.

This bench is also compatible with COMBAN system.

*To improve these products, AUTOMATICA reserves the right to change at any time, characteristics.*

The bench is equipped with a linear guide. The torque-tension cell is well aligned.

An angle sensor measures the position of the spindle.



The bench is fitted with a temperature-humidity sensor. For each tested part, humidity and temperature will be recorded.

