

**OMECE F13  
AUTOMATIC MILLING  
MACHINE FOR CHANNELS**

Omece has designed the Omece F13 milling machine for channels in order to complete its line of machines dedicated to the production of light wooden packaging items.



This machine lets you automatically produce channels for bottoms, for covers, for bottle supports and for inner partitions.



This piece of equipment also machines the sliding edge along the long sides of covers with a sash closing system.



The mechanical part of this machine is composed of a sheet base where the loading magazine, two feeders, two blade units and a stacker are fitted. The machine is controlled by a 3-axes numeric control system. One axis controls the movement of the mobile shoulder and two axes control the movement of the magazine and the stacker, so that the fixed blade units can machine channels with different distance between centres.

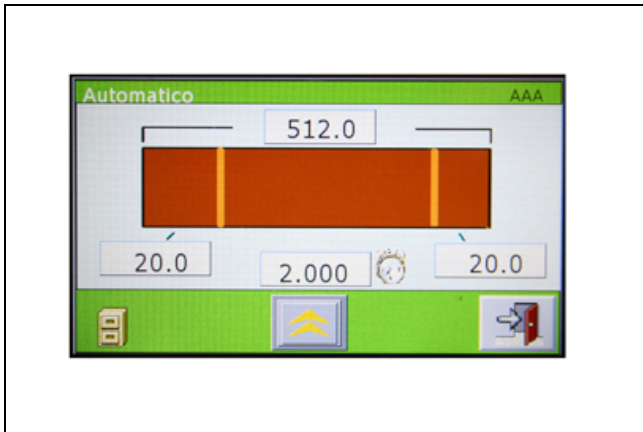
The fully automatic work cycle includes the loading of pieces to be worked in the in-feed magazine, the feeding of pieces to the cutting area and then the feeding of pieces up to the out-feed magazine's stacker.

The machine works single pieces and is equipped with magnetic components to be placed on the fixed shoulder in order to machine, on one side only, pieces that are very narrow.

Controls are positioned on a pushbutton panel and a control panel.

The numeric control runs a Windows® CE operating system and a dedicated software with a very user-friendly operator interface.

Machining data are entered in a very easy way following the instructions that are displayed on the touch screen monitor of machine's control panel.



The CNC system can save up to 600 different machining programmes that can be recalled according to the user's needs.

The only manual adjustments required are those necessary for adjusting the depth of magazines to the dimensions of the pieces to work. Hourly production is approx. 1200 pieces/hour.

The fast, simple adjustments and replacement of tools and machining programmes make this milling machine very versatile and ideal for manufacturing small, medium, and large size runs cheaply, maintaining a high quality standard.

The speed of production thus obtained allows you to significantly reduce production costs.