

***F10 MILLING MACHINE FOR THE MANUFACTURE OF FURNITURE DRAWERS, WINE & SPIRITS CRATES, TOOL BOXES, GIFT BOXES ETC.....***

The OMEC F10 vertical-axis milling machine was designed to manufacture parallel joints for drawers, miscellaneous furniture parts, wine and spirits crates, cigar boxes, gift boxes and beehives for beekeeping.



This machine is fitted with a cutter arbor that is suitable for the manufacture of joints of different heights. Pieces are machined in bundles, first on one side and then on the other side, with an automatic feed mode. Each bundle of workpieces is pushed towards the cutter arbor by a cylinder that is driven by a hydraulic station. Bundles are locked with a pneumatic system that is controlled by a valve.

The locking and unlocking operations are performed manually at the beginning and at the end of each cycle. Controls are located on a built-in control panel. This milling machine is supplied in two models. One is smaller and is called F10/200; it can machine bundles of boards of a max. height of 200mm.



The bigger model, F10/450, can machine bundles of boards of a max. height of 450mm. Both models perform a cutting cycle every six seconds.



These machines have a solid design and are fitted with Ø200mm circular milling cutters. Operators only have to adjust the start of the first joint and the joint's depth.

This milling machine allows you to process all types of wood with excellent results including composite materials (hardboard, plywood) with no chipping. This is due to the presence of a deburring tool at the milling cutters' output area and to the adjustable feeding speed of the boards' bundle.

Tools are changed quickly by lifting the machine's upper cover to gain access to the cutter arbor. The milling cutters' unit can be replaced within a short machine stop time.



This milling cutter is suitable for an output of about 8000 pieces/hour and is used mainly by companies that manufacture pieces of furniture, packages and gift boxes.

Alternatively, these milling machines can be used for the manufacturing of frames for beehives, as well as trays with slanting borders (with the specially designed equipment for bevel cutting).



Using special milling cutters, these machines can also manufacture pieces with finger joints, for the recovery of machining rejects.

