



**Art. 2202**  
**Universal chain mortiser - "Mod. OMS"**

Technical data		"OMS"
Max. length of the mortise	250	mm.
Max. depth of the mortise	180	mmm.
Transversal stroke of the head	110	mm.
Vertical stroke of the table	1000	mm.
Max. height of doors and windows	1000	mm.
Vertical stroke of the milling head	80	mm.
Transversal stroke of internal horizontal spindles	140	mm.
Lengthwise stroke of internal horizontal spindles (adjustable)	140	mm.
Chain feed special universal voltage motor	220/380V-3HP-2800rpm	
Vertical milling group feed special universal motor	0,75 HP - 1400 t/min.	rpm
Milling cutters speed	4200	rpm
Horizontal milling group feed special universal voltage motor	2,5 HP - 2800 rpm	rpm
Milling cutters speed	8400	rpm
Special single voltage motor for oscillating movements of cutters	0,3 HP - 1400 rpm	rpm
Approx. weight	600	Kg.

#### Specifications:

The housing of body and plate for various types of door locks as well as the key holes are carried out automatically. The slot cutting "bit" is automatically preset for the yale type boring operation. The door or stock hold-down arm is pneumatic, easily disengaged, as it rotates on itself moving away from and clearing the worktable, thus permitting easy engagement of the stock to be machined. The worktable vertical stroke and its disengagement housed in the machine pivot, as well as the stock supporting table rise-and-fall, are obtained through a handwheel located in a convenient working position.

By means of same handwheel it is possible to set the exact positions required for the workpiece holder. The rise and locking of workpieces is easily carried out by the controls fitted on control board.

All movements of machine are extremely smooth and adjustable since oleodynamic.

The electric wiring has been built of best quality materials; all micro-switches are dust proof, and the motors available in the range 2,5 to 3 HP are totally enclosed, dust proof and fitted with over-load protection.

The prismatic steel ways of the inner motor units are precision ground and the ways are self-lubricating.

All our machines are provided with oil pump for lubrication of the chain.

The machine, previous setting out the automatic cycle can perform all normal slotting operations

