

Instruction Manual

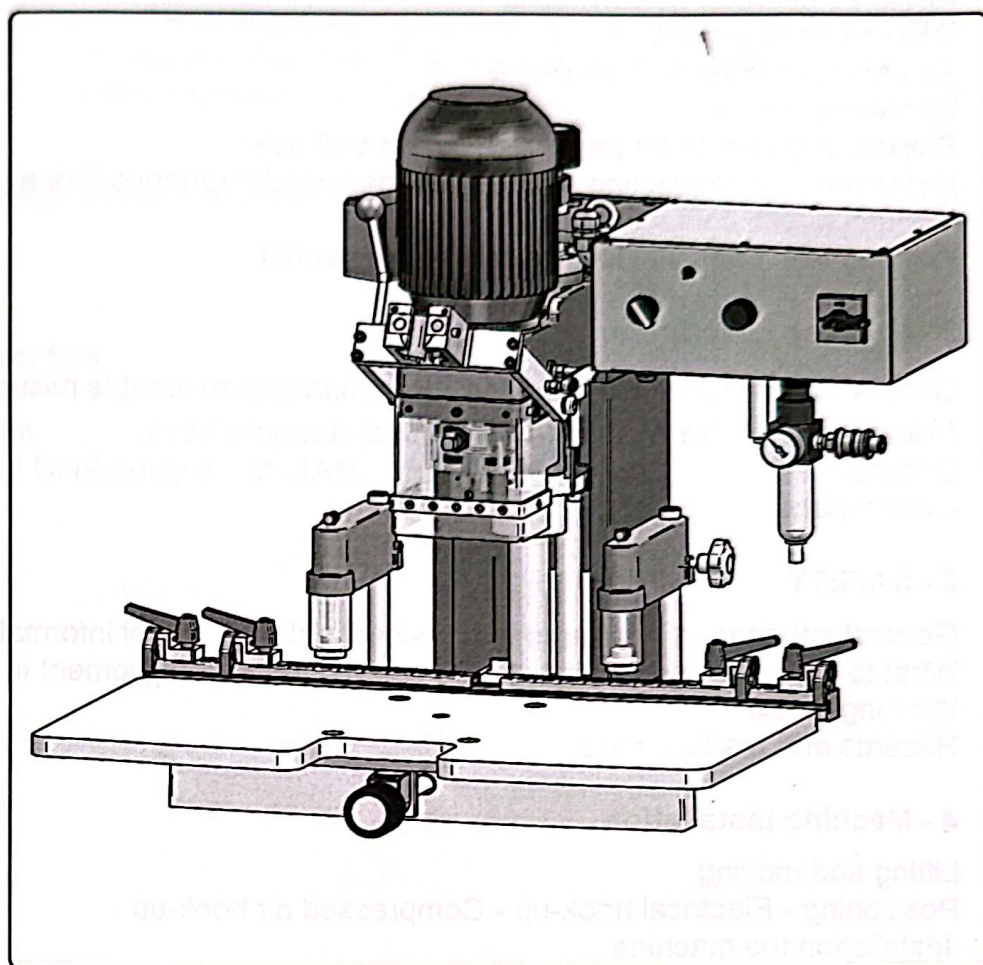
Insert C

Three Phase



OMAL

HINGE BORING AND INSERTION MACHINE



Serial
Number

13663

Year of
Manufacture

2019



**English translation of original Italian
instructions**

Edition: 03/2016 - Revision: 00/16

**Keep this instruction manual
for future reference.**

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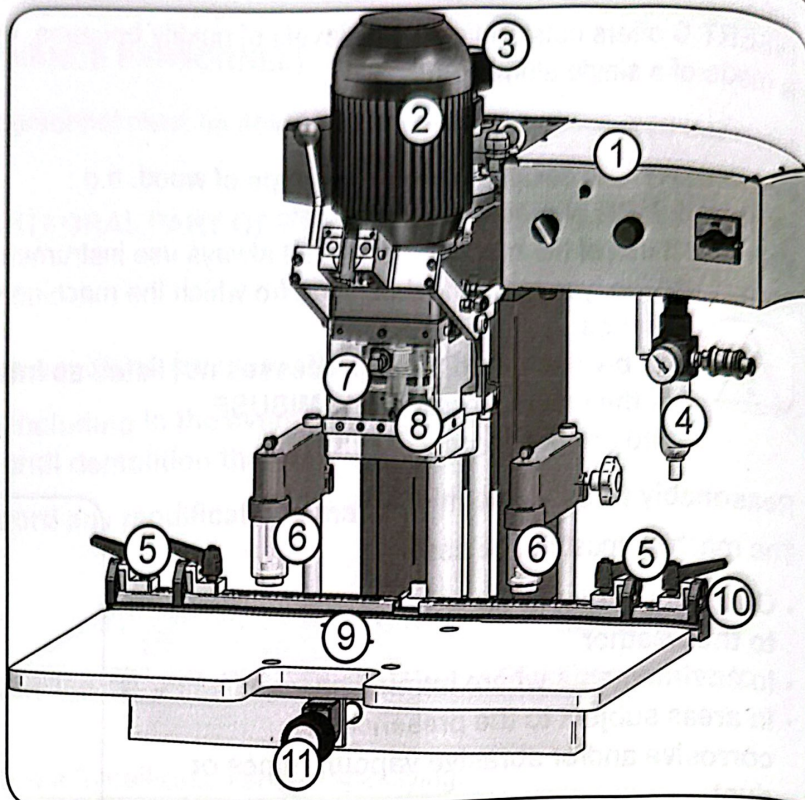
Web : www.omal.eu - E-Mail : info@omalsystem.it

Main parts of the machine

Concise description to familiarise operators and maintenance personnel with the component parts of the machine.



- 1 - Control panel
- 2 - Boring bit spindle motor
- 3 - Boring depth adjuster
- 4 - Connector for compressed air system, filter, pressure gauge and slider valve
- 5 - Side stops
- 6 - Workpiece hold-down cylinder
- 7 - Acrylic glass guard for boring head
- 8 - Boring head
- 9 - Panel support table
- 10 - Graduated fence with adjustable side stops
- 11 - Table back/forward movement adjuster



Technical Characteristics

• Supply voltage	220/440 V - 60 Hz - 3 phases
• Installed power	1.5 kW
• Compressed air pressure	6 Bar
• Air consumption	2.5 NI/min
• Boring head	Fixed
• Standard workpiece thickness	16 to 25 mm
• Bit chuck	Ø 10 mm
• Table dimensions	700 x 400 mm
• Weight	65 kg
• Noise emissions at a distance of 1 m	85 dB (A) without load
• Electromagnetic Compatibility	The machine complies with the EMC limits for use in industrial environments

Environmental conditions for the storage and use of the machine

• Minimum Temperature	Minimum -10°C - Maximum +50°C
• Maximum relative humidity	80 %
• Maximum altitude	1000 m (a.s.l.)