

## DRILLING AND INSERTION MACHINE FOR HINGES

The OMAL INSERT C - MANUAL drilling and insertion machine is designed to drill and insert SALICE hinges.

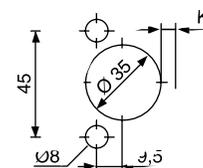
The operation is manually performed by the operator acting on a well balanced drill/insert lever designed to reduce fatigue.

**TASK:** Reliable drilling and complete insertion of the hardware.

**SAFETY:** A special electronic device activates the motor **ONLY** during drilling operations, the motor stops during the insertion phase.

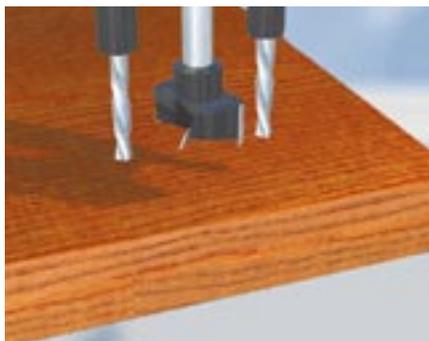
After the operation, the gearbox returns to a safe neutral position due to the action of an **AUTOMATIC RETURN DEVICE**.

The machine is designed to conform with the latest safety guidelines.



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**OMAL**



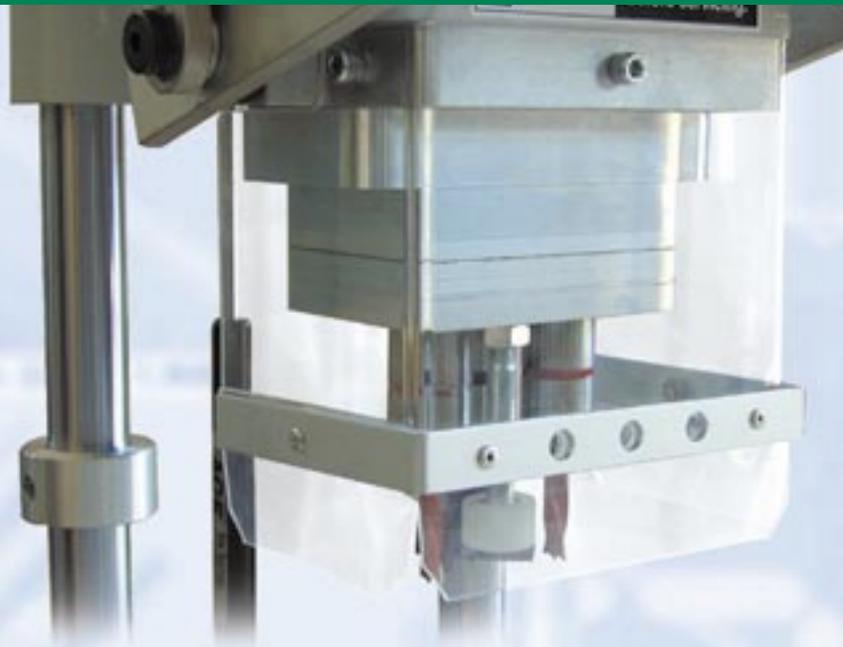
Insert C manual

**STANDARD EQUIPMENT:**

- 1,5 HP motor
- 3 spindles gearbox (boring pattern 45x9,5)
- Center fence
- Table (700 mm x 400 mm)
- 2 tilt stops (to index panels on the fence)
- Insertion RAM
- Set of drill bits - 1 x 35 mm RH bit + 2 x 8mm LH bits
- Tool kit
- Operators manual
- Total weight: 35kg / 77lbs

**Optionals:**

- Insertion RAM for 165° opening hinges.

**TECHNICAL DATA:**

- Interchangeable 3 spindle gearbox
- Motor 1,1 KW - 1,5 hp - 60 Hz
- Voltage 110 / 1 ph
- Shank diameter Ø 10 mm
- Table size 700 mm x 400 mm
- Weight 35 kg / 77 lbs

**HINGE DRILLING****DEALER NAME**

**DISTRIBUTED BY:**  
**Pro Wood Finishes**  
**14622 Southlawn Lane**  
**Rockville MD 20850**  
**Ph: (301) 424-3033**

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## DRILLING AND INSERTION MACHINE FOR HINGES AND BASEPLATES



Available models: TOMIC110 110v/ 1 ph  
TOMIC216 220v/ 1 ph  
TOMIC236 220v/ 3 ph  
TOMIC436 440v/ 3 ph



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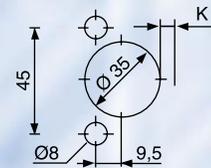
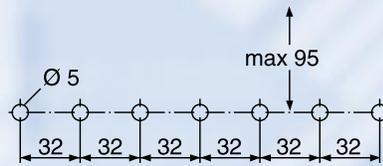
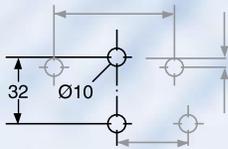


# Insert C

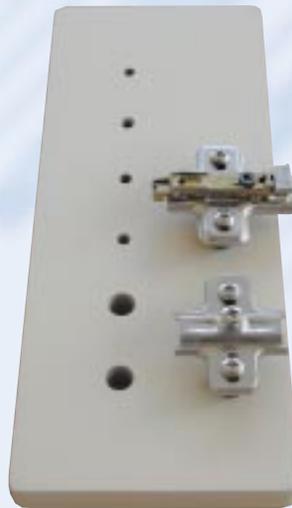
The OMAL - INSERT C machine can be used for multiple drilling solution:

- Hinge insertion
- Line drilling (base plates, shelf supports)
- Horizontal drilling (in line plates, K.D. fittings)

Feel free to contact our dealers for assembly instructions and set up.



HORIZONTAL DRILLING



LINE DRILLING



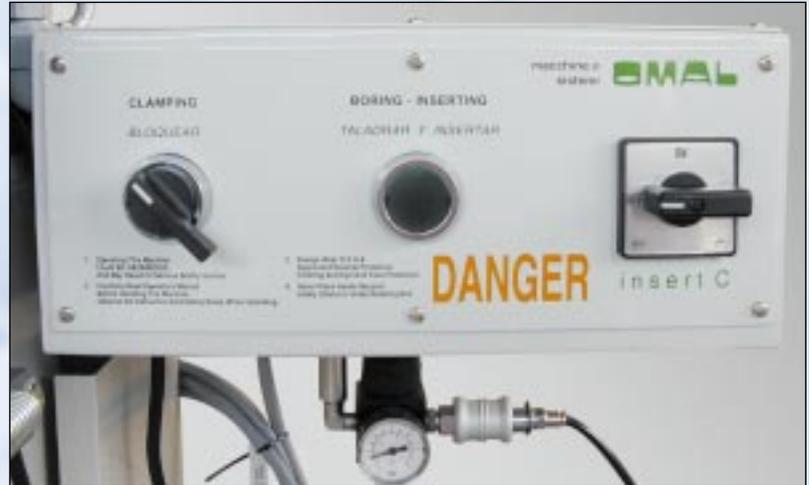
HINGE DRILLING

The OMAL drilling and insertion machine is designed to drill and PNEUMATICALLY insert SALICE hinges or other hardware thus eliminating operator fatigue.

**TASK:** Reliable drilling and complete insertion of the hardware

**SAFETY:** A special electronic device activates the motor ONLY during drilling operations, the motor stops during the insertion phase.

The machine is designed to conform with the latest safety guidelines.



**STANDARD EQUIPMENT:**

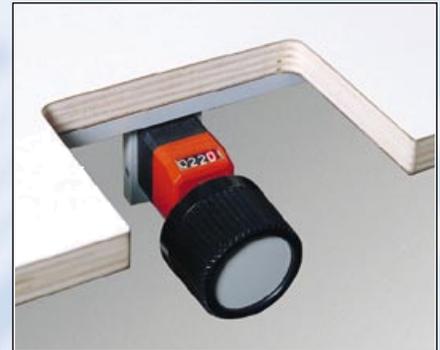
- 1,5 HP motor
- 5 spindles gearbox (boring pattern 45x9,5, if not otherwise specified)
- Center fence
- Table (700 mm x 400 mm)
- Right hand and left hand extension rulers (700 mm / 2'4" each)
- 4 tilt stops (to index panels on the fence)
- Pneumatic (6 bar, 85 psi) hold down clamps
- Universal insertion RAM
- Set of drill bits - 1 x 35 mm RH bit + 2 x 8mm LH bits
- Tool kit
- Operators manual
- Total weight: 65kg / 150lbs

**Optionals:**

- 7 spindles line drilling head  
ITEM#TODRHD7
- Dust-collecting exhaust device  
ITEM#TOMEXDEV



CONTROL PANEL

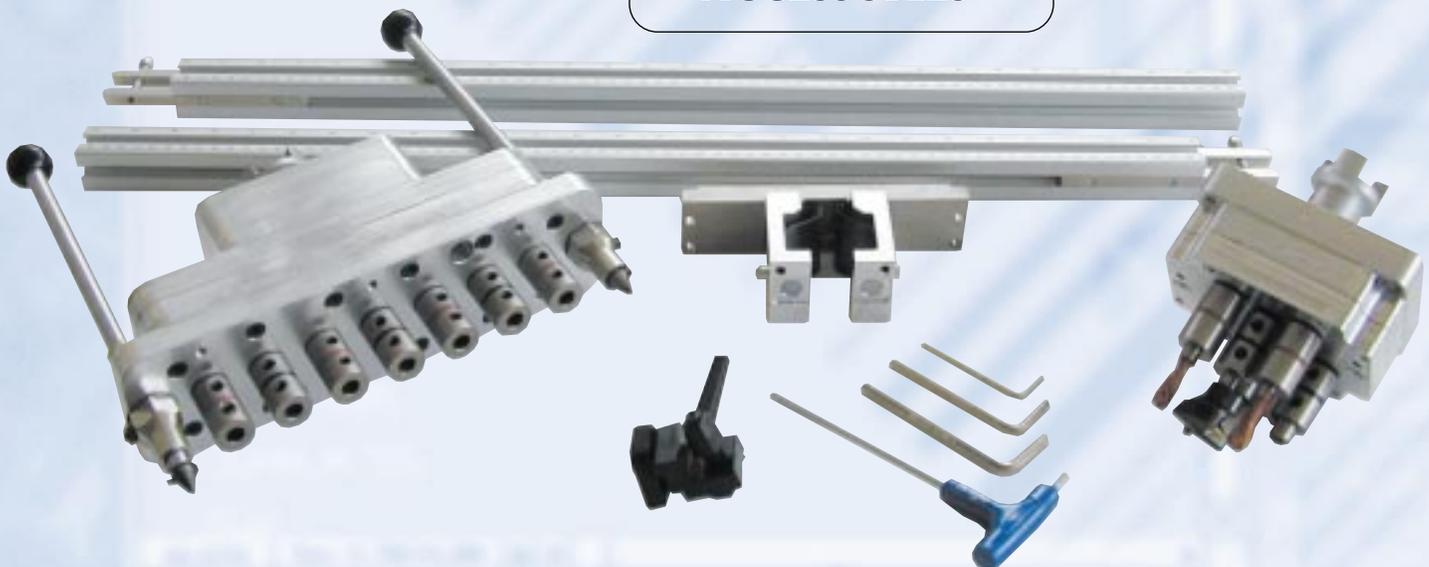


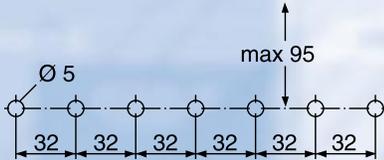
**7 SPINDLES LINE DRILLING HEAD**

DEPTH

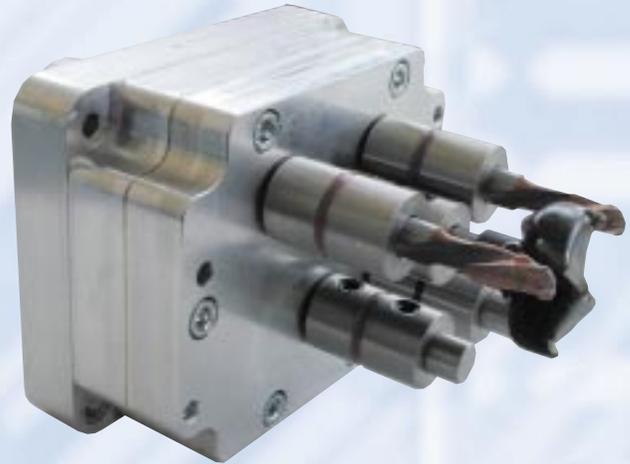
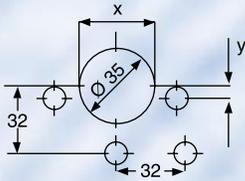
DRILLING DISTANCE

ACCESSORIES





**7 SPINDLES LINE DRILLING HEAD**



**5 SPINDLE GEARBOX**

**TECHNICAL DATA:**

- Interchangeable 5 spindle gearbox
- Motor 1,1 KW - 1,5 hp - 60 Hz
- Voltage 110 / 1 ph
- 220 / 1 ph
- 220 / 3 ph
- 440 / 3 ph
- Shank diameter Ø 10 mm
- Required air-pressure 6 bar / 85 Psi
- Table size 700 mm x 400 mm
- Weight 65 kg / 150 lbs

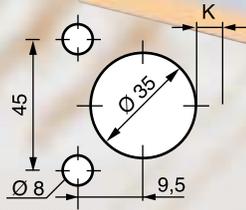
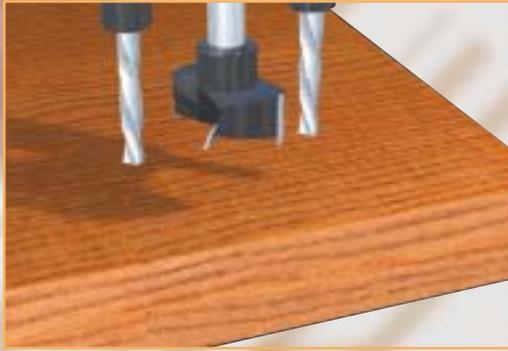
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macchine e sistemi **OMAL**



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**TASK:** Reliable drilling and complete insertion of the hardware

**SAFETY:** A special electronic device activates the motor ONLY during drilling operations, the motor stops during the insertion phase. The machine is designed to conform with the latest safety guidelines.



# insert easy



## STANDARD EQUIPMENT:

- 1,5 HP motor
- 3 spindles gearbox (boring pattern 45x9,5)
- Center fence
- Table (700 mm. x 400 mm.)
- 2 tilt stops (to index panels on the fence)
- Insertion RAM
- Set of drill bits - 1 x 35 mm. RH bit + 2x8 mm. LH bits
- Tool kit
- Operators manual

## TECHNICAL DATA:

- Interchangeable 3 spindle gearbox
- Motor 1,1 KW-1,5 hp - 60 Hz
- Voltage 110/1 ph
- Shank diameter Ø 10 mm.
- Required air pressure 6 bar/85 Psi
- Table size 700 mm. x 400 mm.
- Weight 40 Kg /88 Lbs



**HINGE DRILLING**

DEALER NAME

**OMAL S.r.l.**  
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22070 Senna Comasco-Italy  
Tel +39-031-561308  
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