

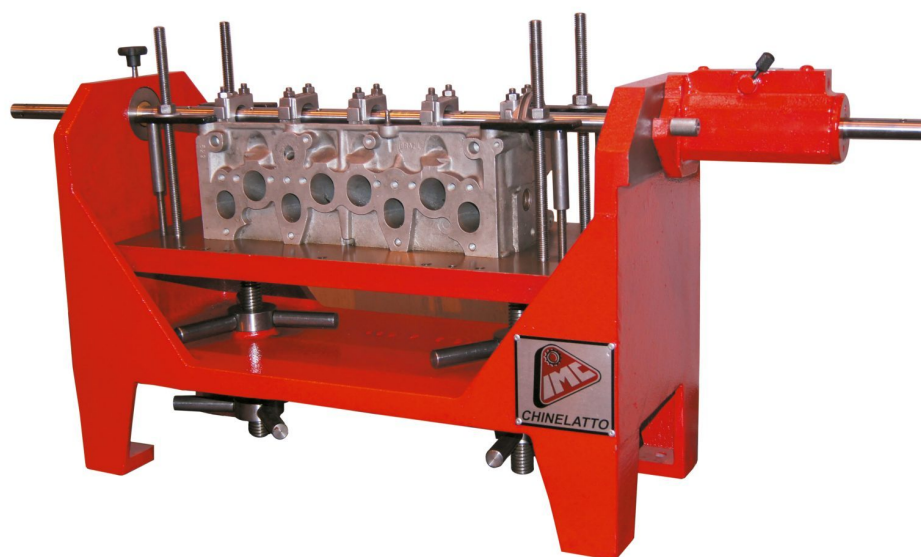


EMC-2

Valve Guide Boring Machine EMC-2 -

OTHER EQUIPMENT

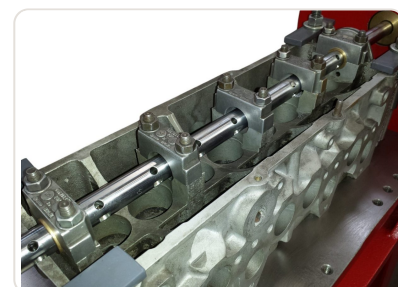
 **MADE IN BRAZIL**



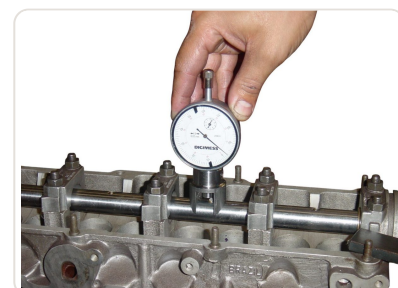
OTHER VIEWS



EMC-2 Valve Guide Boring Machine Chinelatto
— detailed view of head with tool holder bar



Detail view of automotive cylinder head
positioned on EMC-2 boring machine showing
valve train and lifter guides



Tool height measurement with DIGIMESS dial
indicator on EMC-2 boring machine

Bores holes 0.87-1.34 inches (Ø22-34MM) in automotive cylinder heads with superior precision. Tool bar holds up to 11 tools, 24.6X10.3 inch (625X262MM) capacity, high-speed motor to 2,500 rpm

**EMC-2****VALVE GUIDE BORING MACHINE EMC-2 -**

Technical Specifications

CAPACITY

Boring diameter capacity	Ø 22 ~ 34 mm
Maximum piece dimension (Length x width) to boring	625 x 262 mm
Tool rest bar - diameter x length	Ø 20 x 1.110 mm
Maximum advance of the tool rest bar	90 mm
Maximum number of knives on the bar	11 pieces
Distance between the center bar to the table - min. ~ max.	80 ~ 150 mm
Maximum drilling capacity in 1.000 rpm	Ø 13 mm
*Maximum drilling capacity in 2.500 rpm	Ø 10 mm

DIMENSIONS - WEIGHT

Machine Dimensions (Length x Width x Height)	1,11 x 0,36 x 0,6 m
Running Machine Dimensions (Length x Width x Height)	1,11 x 0,36 x 0,6 m
Maritime packing (Length x Width x Height)	1,3 x 0,5 x 1,3 m
Net - Gross Approx. weight	100 kg / 140 kg

STANDARD ACCESSORIES

- 16 different measures bushings
- 40 Widia blades
- 01 Dial gauge with 02 fixing bases to regulate height of the blade
- 04 Prisoners
- Allen key 01 1/8 "

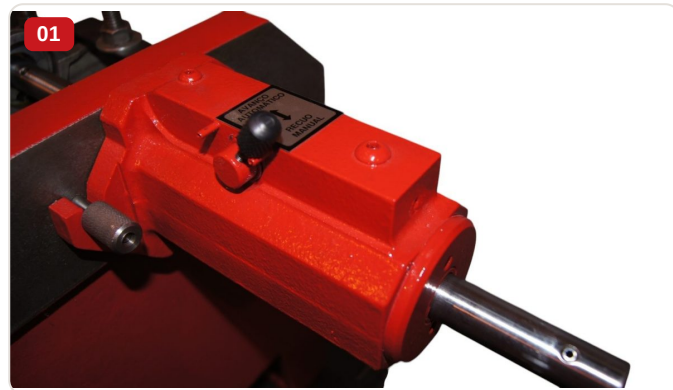
OPTIONAL ACCESSORIES

- Blades Extras
- 01 portable electric drill - sleeps 3/8 "- 0.5 kW - Double rotation speeds - 590 / 1,700 rpm
- Technicals specifications subjected to change.

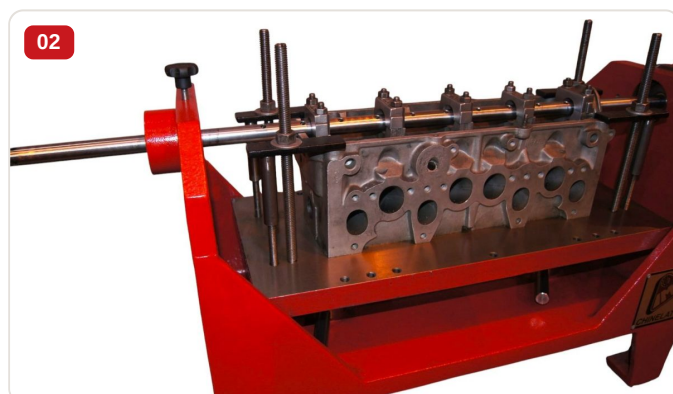
OPTIONAL ACCESSORIES (CONT.)

Specifications subject to change without notice. Some capacities listed may require optional accessories. Confirm exact dimensions during quotation.

ACCESSORIES, FIXTURES AND DETAILS



Detail — Lever for automatic advance or manual retraction with spherical handle and safety label



Detail — Multi-cylinder automotive cylinder head in aluminum secured in clamping device for valve guide boring operation



EMC-2

VALVE GUIDE BORING MACHINE EMC-2 -



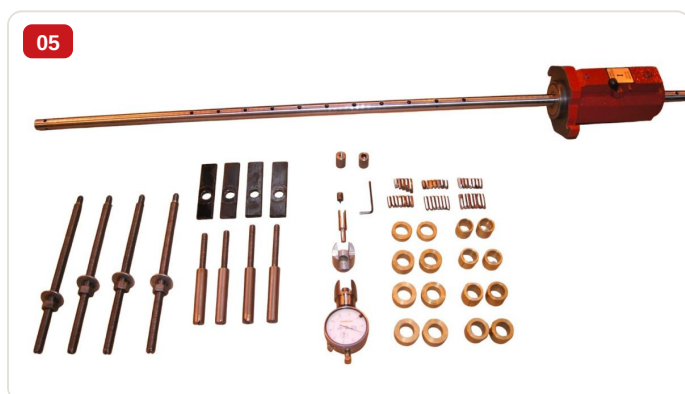
Accessories, fixtures and details (continued)



Detail — Height adjustment handles for cylinder head with precision threads on EMC-2 boring machine



Detail — Valve guide boring machine EMC-2 Chinelatto — side view with drilled table for cylinder head fixation



Standard accessory — Complete EMC-2 boring machine kit with tool bar, 40 carbide tools, 16 bushings, dial indicator, set screws and Allen key