



RB-125

Connecting Rod Grinder and Boring Machine

CONNECTING ROD MACHINES

 **MADE IN BRAZIL**



Dual-function machine for grinding and boring connecting rods 0.59-4.92 inches (15-125MM). 2.7HP motor, 3 speeds (3,500-9,250 rpm), planetary head and complete system for engine shops



Technical Specifications

GRINDING CAPACITY

Diametrical advancement stone to each turn **1/128"**

Capacity minimum - maximum **1.18" - 4.92"**

03 Rotations spindle door-stone **3.500 - 5.200 - 9.250 rpm**

03 Rotations cylinder head planetarium **80 - 125 - 200 rpm**

Electric Motor **1.49 kw**

BORING HEADSTOCK

Capacity minimum - maximum **0.59" - 4.92"**

08 rotations chuck tool-holder **160-290-320-510-570-880-1010-1730 rpm**

Electric Motor **1.19 / 0.67 kw**

TABLE DOOR-CONNECTING ROD

Height of the chuck to the table **6.7/8"**

Distance among centers minimum - maximum of the connecting rod **4.5/16" - 19.5/8"**

Automatic progresses of the table **1.3/16" - 2" - 2.3/8" - 3.15/16"**

Electric Motor **0.298 / 0.47 kw**

REFRIGERATION

Cooling pump **0.089 cv**

Tank of refrigerant liquid **3.96 gallon**

ELECTRIC POWER

Normal electric power **220 volts - 60hz - 3 ph**

Motor power **3.221 kw**

DIMENSIONS - WEIGHT

Machine Dimensions (Length x Width x Height) **74" x 35" x 72"**

Running Machine Dimensions (Length x Width x Height) **74" x 35" x 72"**

Maritime packing (Length x Width x Height) **74" x 43" x 78"**

DIMENSIONS - WEIGHT (CONT.)

Net - Gross Approx. weight **2.579 lb / 3.307 lb**

STANDARD ACCESSORIES

- 03 Door-stone axes to rectify:
- 01 - Ø 5.7/8" x 3/4"
- 01 - Ø 7.1/16" x 7/16"
- 01 - Ø 8.5/32" x 3/8"
- 08 Grinding wheel
- 04 Axes for boring tool:
- 01 - Ø 9.1/4" x 5/8"
- 01 - Ø 9.1/4" x 1"
- 01 - Ø 9.1/4" x 1.3/16"
- 01 - Ø 9.1/4" x 1.1/2"
- 01 Device measurement tool equipped with comparator clock and 2 stems for
- Measurement of boring tool
- 04 Boring tools
- 04 Pulleys of change of rotations of the axis carry stone
- 01 Device to rectify sways with 1 diamond
- 01 Devices for focusing con-rod with 01 comparator clock
- 01 Grease gun
- 04 Expanders for setting the rod equipped with 15 sets of blades
- 02 Cubes for grinding
- 01 Set Allen Tools
- 01 Device with 02 pieces with connecting rods smaller than 4.5/16" between centers
- 01 Tool to fixing the grindstone
- 02 Bushings of the lateral support rod
- 01 Device for micrometer fixation



Technical Specifications (continued)

STANDARD ACCESSORIES (CONT.)

- 04 Bushings graders
- 01 Rod for fixing the mandrel Toolholder
- 01 Rod for fixing the door-stone mandrel
- 01 Pump cooling 1/8 cv with tank attached to the machine
15 lts

OPTIONAL ACCESSORIES

- 01 Con-Rod aligner model A-450 - capacity min~max: Ø
1.3/16" ~ 3.7/8"
- Technicals specifications subjected to change.

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

