



Engine Rebuilding Equipment, Inc.

5775 Bridgeview Center

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Line Boring Machines



RMC-2000

Standard Features

- » One piece cast-iron constructed base
- » Rigid cast-iron work supports
- » Bearing alignment 4-way quick lock levers
- » Universal steady-rest w/sag indicator
- » Bar sag measurement indicator
- » Variable speed spindle drive with 2 feed ranges
- » Reversible flexible bar drive
- » Boring bar centering devices w/indicator
- » Adjustable drive head height & side alignment
- » Drive head lubrication w/level indicators

Dedicated to serving your engine rebuilding equipment needs.

RMC Line Boring Machines .. Easier .. Accurate .. Affordable

RMC Line Boring Machines are designed for precision performance. The machine's heavily constructed cast-iron base provides stability for precise boring. Boring bars are hardened and chrome plated for rigid, straight boring. The direct tool setting capabilities provided on the machine minimize operator error. The line bore's versatility allows boring of overhead cam type cylinder heads, passenger car blocks, large diesel blocks plus a wide range of industrial uses.

RMC line bores are easy to operate. The 4-way adjustment of the boring head and columns simplifies the set-up. The convenient moveable remote start/stop switch keeps the operator in front of the work for full control during the boring process. The infinitely variable spindle RPM selection combined with choice of feed, gives the operator precise control of the bore finish. Extra long boring spindle travel maximizes the boring capacity with just one tool setting.

SPECIFICATIONS	RMC-2000	RMC-2002
Maximum length between columns	71"	100"
Min/max distance from bed to bar center	15.75 - 29"	15.75 - 29"
Boring capacity with optional equipment	0.9 - 8.0"	0.9 - 8.0"
Spindle speeds - variable	0 - 600 rpm	0 - 600 rpm
Feeds - automatic (2)	.002/.004 in./rev.	.002/.004 in./rev.
Maximum spindle travel	17"	17"
Electric motor: constant HP variable speed	2 hp	2 hp
Length x width	130 x 30"	157" x 30"
Net weight/shipping (excludes boring bars)	3,300/3,970 lbs	3,750/4,750 lbs
Electrical	220v 3 ph 20 amp	220v 3 ph 20 amp
Optional 22mm Boring Bar Assembly	0.86 x 51" (22mm)	0.86 x 51" (22mm)
Tool Collar	0.86 x 1.5"	0.86 x 1.5"
Optional 37mm Boring Bar Assembly	1.45 x 71" (37mm)	1.45 x 71" (37mm)
Tool Collar	1.45 x 2.75"	1.45 x 2.75"
Optional 45mm Boring Bar Assembly	1.77 x 83" (45mm)	1.77 x 83" (45mm)
Tool Collar	1.77 x 2.95"	1.77 x 2.95"
Tool Collar	1.77 x 4.72"	1.77 x 4.72"
Optional 50 mm Boring Bar Assembly	1.96 x 110" (50mm)	1.96 x 110" (50mm)
Tool Collar	1.96 x 3.54"	1.96 x 3.54"
Tool Collar	1.96 x 4.52"	1.96 x 4.52"
Optional 60 mm Boring Bar Assembly	2.36 x 125" (60mm)	2.36 x 125" (60mm)
Tool Collar	2.36 x 3.94"	2.36 x 3.94"
Tool Collar	2.36 x 5.90"	2.36 x 5.90"
Tool Collar	2.36 x 7.87"	2.36 x 7.87"

Standard Equipment

- » V-Block and in-line mounting fixtures
- » 2 sets parallel supports w/1 set of clamps
- » Steady rest assembly with offset support for camshaft bearing line boring (two steadrests with R2002 model)
- » Bar sag measuring device with dial indicator
- » Two centering devices with dial indicators
- » Two tool setting micrometer standards
- » Tool setting micrometer with stand
- » Tool set and tool adjusters
- » Leveling pads

Optional Equipment

- Ø Complete boring bar assemblies
- Ø Remote control for hand feed
- Ø Remote tool setting fixture for tool collars
- Ø Tool grinder with base
- Ø Tall steady rest assembly (std on R2002)



New 2 Axis DRO

Introducing the optional 2 axis Digital Readout that provides a unique way to control the distance between Cam and Crank Centerline.

In order to bring you the most advanced features as soon as possible, all features, descriptions and technical specifications are subject to change.



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