

MARVEL CYLINDER RE-BORING MACHINE

No. 5

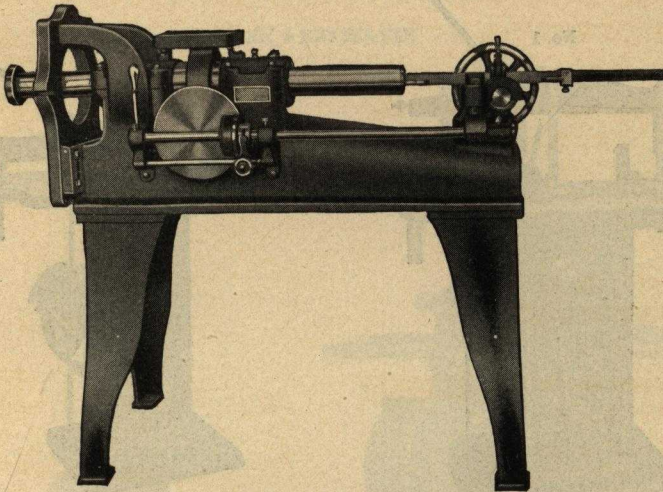


Fig. 26619A

The Marvel Cylinder Re-boring Machine fills the demand for a machine to restore lost compression and power in worn or scored gas engine cylinders.

It is automatic, accurate, simple, speedy, substantial and easy to operate.

Before leaving the factory every machine is tested for a limit of error not to exceed five ten-thousandths (.0005) of an inch in a cylinder eight inches in diameter by eighteen inches in depth.

Every operation in re-boring is distinct, easy to understand, simple to perform.

Any ordinary machinist who follows the instructions can, with very little practice, produce a smooth, round job of re-boring.

The Marvel Cylinder Re-boring Machine No. 5 is a labor saver, business builder and above all a profit maker, and is priced so low that no gas engine repair shop can afford to be without it.

BORING BAR.— $38\frac{3}{4}$ inches long by $2\frac{5}{16}$ inches in diameter.

BORING BAR.—Speed, 18 to 25 revolutions per minute.

FEED RACK.— $23\frac{1}{2}$ inches long, $\frac{3}{4}$ inches x $1\frac{1}{8}$ inches, 12 pitch cut teeth graduated in $\frac{1}{4}$ inches.

FACEPLATE.— $15\frac{3}{8}$ inches wide, $19\frac{3}{4}$ inches long, $1\frac{1}{2}$ inches in thickness.

BEARINGS.—Front, $8\frac{3}{8}$ inches; rear, $6\frac{7}{8}$ inches.

DRIVE obtained from tight and loose pulley to spiral gears.

PULLEYS.—10 inches diameter by $2\frac{1}{2}$ inches face.

GEAR RATIO.—4 to 1.

VARIABLE FEED obtained from paper filled friction wheel, 1-inch face by $3\frac{5}{8}$ inches in diameter, running on cast iron friction disc 8 inches in diameter.

TOOL PAN.—8 inches by 7 inches by 1 inch.

BORING CAPACITY.—3 inches to 8 inches in diameter by 18-inch depth, or 20-inch depth, with automatic stop removed from feed rack.

AUTOMATIC FEED RELEASE.

POWER REQUIRED.— $\frac{1}{4}$ horse power.

WEIGHT.—740 pounds crated.