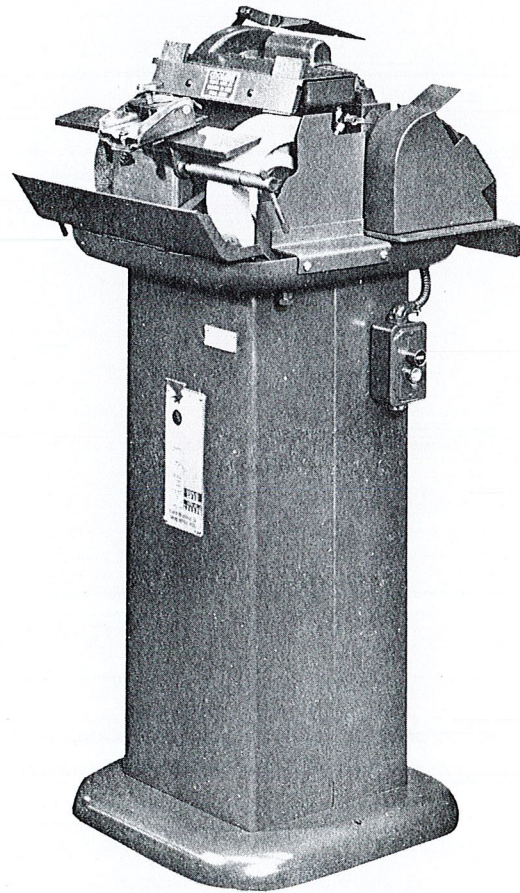
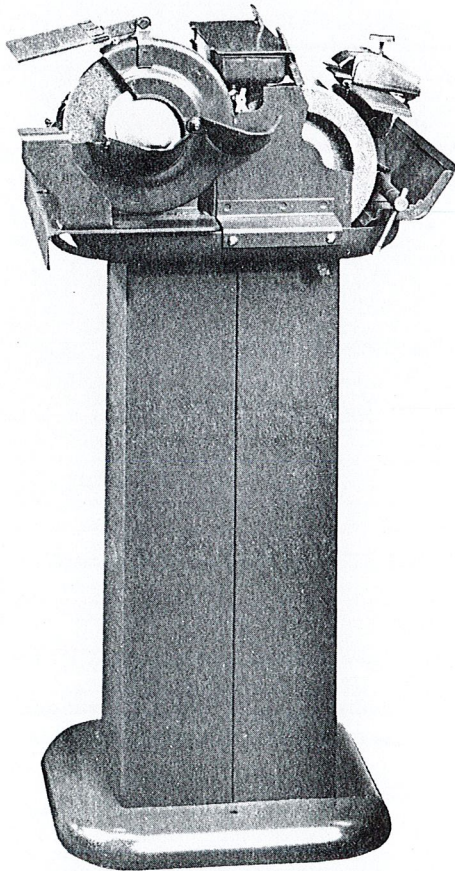




OLIVER

**NO. 2085 OILSTONE
TOOL GRINDER**



OLIVER

OLIVER MACHINERY COMPANY 1025 CLANCY AVE., N.E. GRAND RAPIDS, MICHIGAN 49503 U.S.A.

APPLICATION

For sharpening hand scraping tools, plane bits, chisels, gouges, jointer knives up to 6" (152 mm) long, wood-turning tools and other woodshop tools.

GENERAL CONSTRUCTION

An efficient, compact, yet accessible tool grinder having two 8" x 2" (203 x 51 mm) oilstone cup wheels, operating at 300 RPM; 8" x 1/2" (203 x 13 mm) emery wheel, and 3" (76 mm) diameter by 5" (127 mm) long emery cone operating at 1800 RPM; 5 1/4" x 1 5/8" (133 x 41 mm) leather stropping wheel rotating counterclockwise at 700 RPM.

All grinding wheel arbors and gears are mounted in high grade ball bearings.

AUTOMATIC SATURATION SYSTEM

An oil reservoir is mounted over the oilstone cup wheels and the oil is directed so as to drip on the inside of the cup wheels, through small tubes with faucets to regulate the flow of oil. Special wipers prevent the oil being thrown off the wheels.

TABLE AND TOOL HOLDER

The table extends across the front of the machine and tilts to any desired angle. It is fitted with a special tool holder for holding chisels, plane bits, etc., with screw feed arrangement for feeding the tools to the oilstones when grinding. Tool holder will hold jointer knives up to about 6" (152 mm) long for hand sharpening on this machine.

(Specifications are subject to change without notice.)

EMERY WHEEL TOOL REST

The right angle tool rest permits grinding on the side of the emery wheel as well as on the face.

SAFETY FEATURES

"Safety First" is a dominant feature in the design of this machine. The gears and bearings are fully enclosed. The oilstone wheels, emery wheel and emery cone have the most improved metal guards, the leather stropping wheel has a guard on the offside. A large splash shield and guard is mounted in front of the oilstone cup wheels.

MOTOR AND CONTROL

Machine is furnished with a 1/3 H.P., enclosed ball bearing, 1800 RPM motor for either single phase, 60 cycle, 115/230 volts or three phase, 60 cycle, 230/460 volts.

A push button switch is conveniently mounted on the machine.

NOTE: A magnetic control is available if required.

FLOOR SPACE

Machine is portable; 23" x 25" (584 x 635 mm). Shipping weight 250 lbs.

SPECIFICATIONS

Motor — 1/3 H.P., 1800 RPM. Cup type Oilstone Wheels — 8" x 2" (203 x 51 mm), 1 course, 1 fine. Emery Wheel — 8" x 1/2" (203 x 13mm). Stropping Wheel — 5 1/4" x 1 5/8" (133 x 41 mm). Leather covered. Emery Cone — 3" (76 mm) dia., 5" (127 mm) long.



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