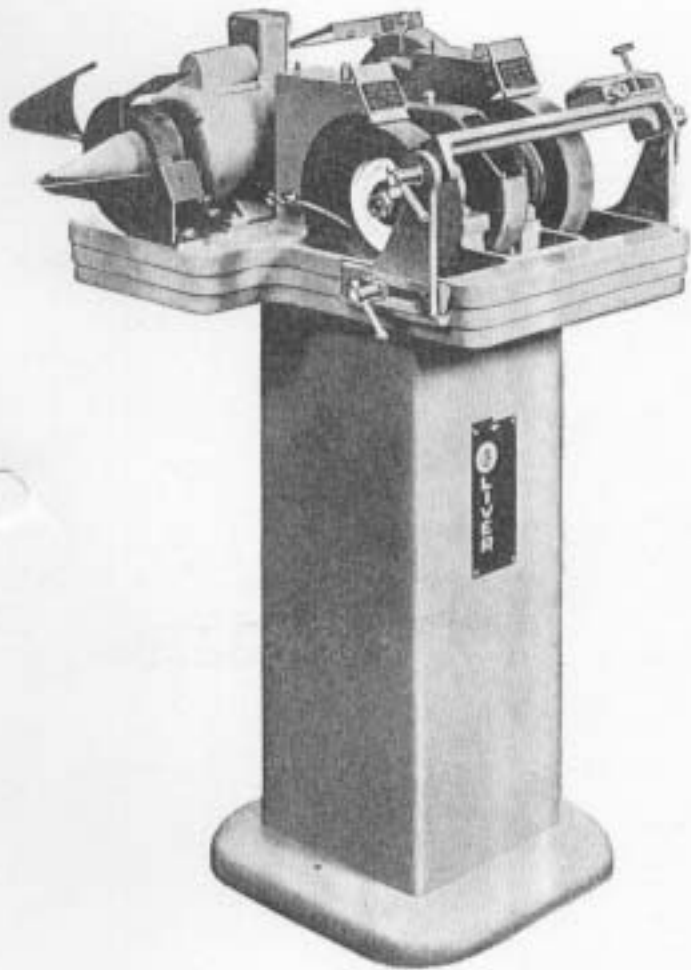


OLIVER

No. 585

OILSTONE TOOL GRINDER



Left side view showing Oilstone wheels, emery cone and strapping wheel.



Right side view - Note Emery Wheel with Tool Rest as well as Oilstone Wheel and Tool Holder.



OLIVER MACHINERY COMPANY, GRAND RAPIDS 2, MICHIGAN, U.S.A.

APPLICATION

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

GENERAL CONSTRUCTION

An efficient, compact, yet accessible tool grinder having two 8" x 2" oilstone cup wheels, operating at 300 RPM; 8" x 1/2" emery wheel, 5 1/2" x 1 1/2" leather stropping wheel and 3" diameter by 5" long emery cone — all operating at 1800 R.P.M.

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

AUTOMATIC SATURATION SYSTEM

An oil reservoir is mounted over each oilstone cup wheel 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, tilts to any desired angle and has horizontal adjustment of several inches. 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" long for hand sharpening on this machine.

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 with cast iron covers. The oilstone wheels, emery wheel and emery cone have the most improved metal guards, the leather

stropping wheel has a guard on the offside. Belts and pulleys are entirely eliminated.

MOTOR

1/3 H.P. motor is fully enclosed, ball bearing, 1800 r.p.m., 110 or 220 volt, has ample power and may run from any 110 volt circuit.

A push button switch, conveniently mounted on the machine, is fully wired with cord and plug for 110 volts.

FLOOR SPACE

Machine is portable; 28" x 25".

SPECIFICATIONS

Motor — 1/3 H.P., 1800 r.p.m.
Oilstone Wheels — 8" x 2"

Cup type, 1 coarse, 1 fine

Emery Wheel — 8" x 1/2"

Stropping Wheel — 5 1/2" x 1 1/2"

Leather covered.

Emery Cone — 3" dia. 5" long.

CODE, WEIGHT, ETC.

CODE	MACHINE DESCRIPTION	WEIGHT IN POUNDS		CUBIC FEET
		CRATED	BOXED	
Foga	No. 585 — Motor Driven Variety Grinder as shown	420	640	30



OLIVER MACHINERY COMPANY
Grand Rapids 2, Michigan, U.S.A.

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