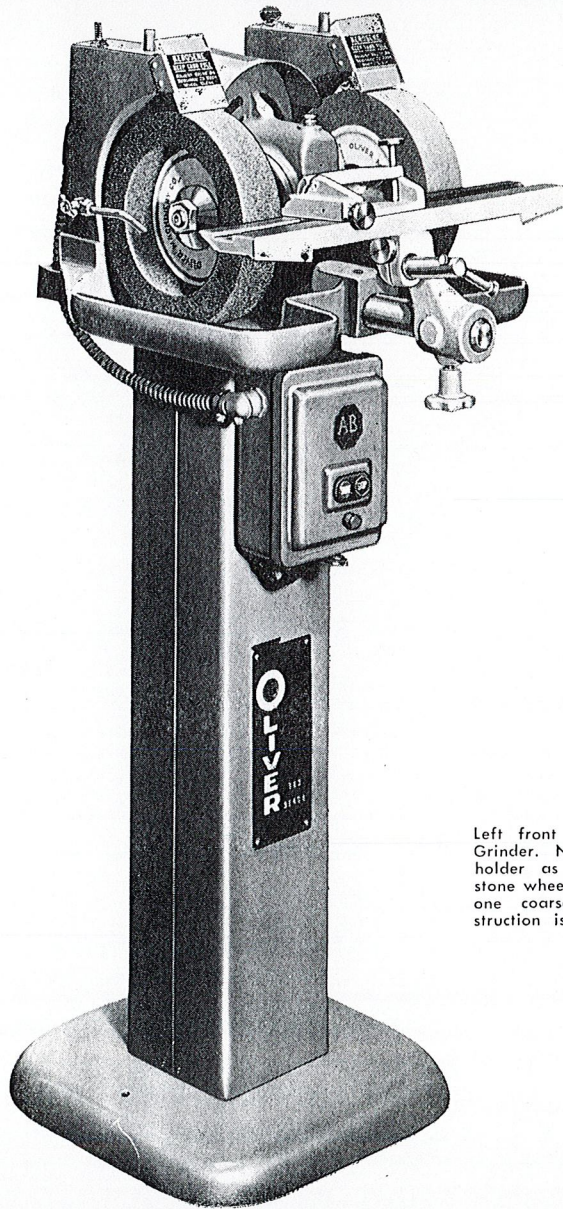


OLIVER

No. 383

OILSTONE TOOL GRINDER



Left front view of No. 383
Grinder. Note adjustable tool
holder as well as two oil-
stone wheels — one fine grain,
one coarse grain. Its con-
struction is rigid and sturdy.



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

THIS ECONOMICAL GRINDER SHARPENS TOOLS FOR BETTER WORK IN LESS TIME

The No. 383 Variety Tool Grinder has two 8-inch revolving oilstone wheels, ideal for sharpening various woodworking tools as plane bits, chisels, gouges, small cutters, cutterhead knives up to 8" long, and shaper bits.

Advantages

Being portable and equipped with a plug and cord of suitable length, it can be attached to any electric light socket and placed where it will be most convenient to the operator. Expensive wiring is avoided. It assures sharper tools — consequently better and faster work. It saves steps — time and money.

Automatic Saturation

A Cutting Fluid reservoir is mounted over each oilstone cup wheel, and the Cutting Fluid is directed to drip on inside of cup wheels through small tubes, with faucets to regulate flow of Cutting Fluid. Centrifugal force causes Cutting Fluid to flow from inside, through the pores to periphery of wheels, preventing glazing of wheels and cooling the edge being ground. Special wipers prevent Cutting Fluid being thrown off wheels.

Oilstone Wheels

There are two oilstone cup wheels — 8-inch diameter, 2-inch face — one coarse

grain for rapid abrasion, the other fine grain for putting smooth, keen edge on tool. They run in ball bearings at 345 r.p.m.

Machine Shop Tool

It's ideal for sharpening hand scraping tools. The oilstone wheels provide a hollowground effect better than a flat scraping tool.

Pan and Floor Base

The pan is a one-piece casting with finished pads at top and bottom, bolted to steel floor base and other units of machine. Drain plug at bottom of pan simplifies cleaning.

Motor

The motor is a ¼ h.p., 40 degree, continuous rated, ball bearing, single phase, 60 cycle, 110 volt type. Motor is built in as a unit with worm gear, silent running, totally enclosed, grease lubricated speed reducer. Motor can also be furnished for 3 phase, 60 cycle, 220 volt A.C. with same type worm gear speed reducing unit — sturdy, compact and neat.

Switch and Cord

A switch, conveniently and securely

mounted on motor, starts and stops machine. It is fully wired with a 10-foot extra heavy, rubber covered cord and plug for single phase. For three phase, a manual switch is furnished. Cord and plug omitted.

Table and Tool Holder

Cast iron table is carefully machined, rigid, quickly tilted and moved to and from oilstone wheels without use of wrenches. It is supported on a large shaft with a V-point clamp. Tool holder has a 4-inch long bearing for knife support, and bearing of same length on table. By placing inside end of knife flush with side of tool holder, a knife 8" long can be ground. Micrometer feed in tool holder permits fine adjustment of tool with the wheel.

Equipment

Machine has two 8 x 2-inch oilstone cup wheels (one coarse, one fine grain), adjustable tool holder, suitable motor, switch, cord and plug, and floor base.

Floor Space

Machine is portable. Pan measures 11" x 16½". Height from floor to axis of oilstone wheels, 35".

CODE, WEIGHT, ETC.

CODE	MACHINE DESCRIPTION	WEIGHT IN POUNDS		CUBIC FEET
		CRATED	BOXED	
Fofab	No. 383 Oilstone Tool Grinder.....	225	325	15



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

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