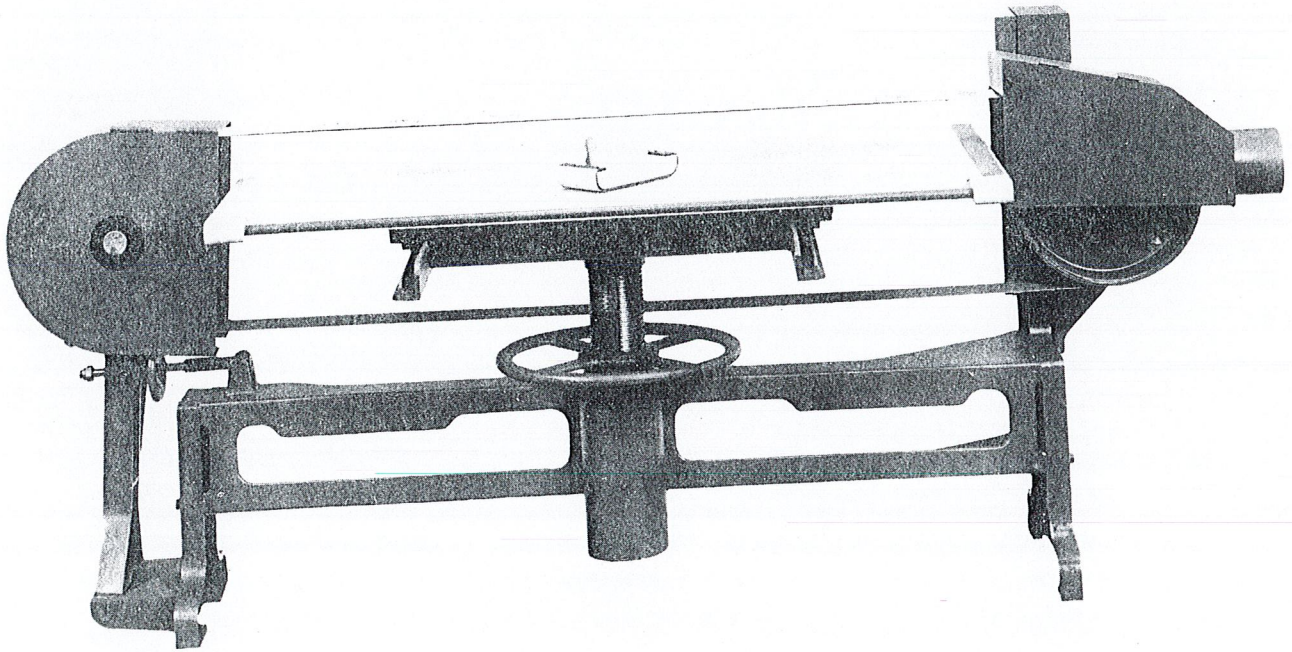




OLIVER

**No. 298
BELT SANDER**



OLIVER

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

MOST COMPACT HORIZONTAL BELT SANDING AND POLISHING MACHINE

This is the most compact, self-contained Horizontal Belt Sanding and Polishing machine that has yet been devised. It is suitable for use not only on all kinds of woodwork, but also for certain types of metal grinding and polishing, such as bronze tablets, aluminum and brass castings, etc. It has all of the features of the most advanced belt sanders, with greater convenience and greater efficiency in handling work within its capacity.

CAPACITY

Flat work, such as table tops, etc., up to 58 inches long and 24 inches wide, can be supported directly on the table and sanded or polished at one setting on the table and wider work can be sanded and polished by resetting the material. The table will lower so as to allow a height of 8 inches from the top of the table to the top belt. Sanding and polishing belts are 4 inches wide.

MAIN FRAME

The main frame consists of two end castings with a cross girt frame casting securely bolted to make a rigid base supporting all other parts of the machine.

TABLE

Total width 24 inches; total length 56 inches. Runs on ball bearing rollers operating on machined ways with positive stops for the extreme forward and backward positions. Has total travel of 21 inches, total vertical adjustment 8 inches. Table is supported by large machined screw 4 inches diameter, with 18 inches diameter handwheel to give easy vertical adjustment. One-piece cast iron frame with two parallel machined ways on the outside forms the support for the table.

SPECIFICATIONS

CAPACITY

Will sand work up to 58" (1473 mm) long. Will sand work up to 24" (610 mm) wide at one setting. Will sand work up to 8" (203 mm) high.

PULLEYS

14" (355.6 mm) diameter, 5" (127 mm) wide face. Cast aluminum, ball bearing. Replaceable rubber on pulley face.

SAND BELTS

15' 11" long, 4" (4851.4 x 101.6 mm) wide.

MOTOR

1 h.p., 1200 RPM, 3 phase, 60 cycle, 230/460 volts.

TABLE

56" (1422.4 mm) long, 24" (609.6 mm) wide. Travel 21" (533.4 mm). Vertical adjustment 9" (229 mm).

EQUIPMENT

Motor and control. Dust hood. One 4" (101.6 mm) wide by 15' 11" (4851.4 mm) sand belt. Hand sanding pad. Idler pulley guard.

All specifications are subject to change without notice.

PULLEYS

The sand belt pulleys are 14 inches diameter, 5 inches face, made of aluminum, carefully balanced, and faced with rubber tire. The idler pulley runs on ball bearings and has automatic spring take-up for the belt and also micrometer screw adjustment for tracking the belt. Driving pulley is mounted directly on the shaft of the driving motor.

MOTOR DRIVE

A 1 h.p., ball bearing, 1200 r.p.m., 3 phase, 60 cycle, 230/460 volt motor is mounted directly on the frame of the machine and carries the driving pulley. Motor is fitted with push button switch mounted on same and wired ready for use when power lines are connected.

For metal grinding or heavy wood sanding, we recommend 2 h.p. motor. Motor must not run over 1200 r.p.m.

DUST EXHAUST

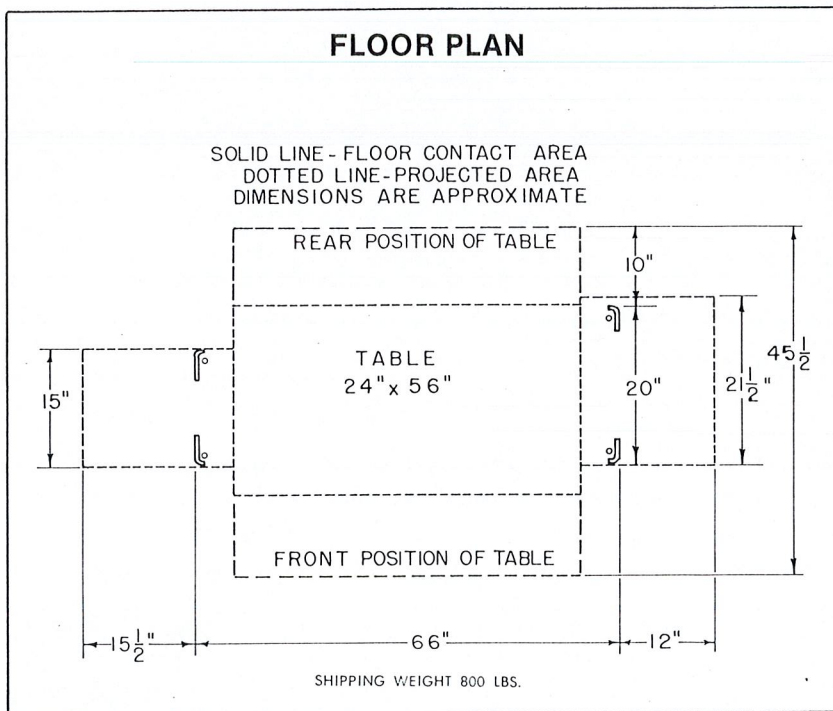
A suitable enclosed dust hood is furnished over the driving pulley, which takes advantage of the air current caused by the travel of the belt and the pulley to drive the dust into the exhaust connection.

SAND BELTS

A belt 15 feet, 11 inches long and 4 inches wide is furnished.

EQUIPMENT

Regularly includes 1 h.p. motor, switch, dust hood, idler pulley guard, one sand belt 4 inches (101.6 mm) wide, one sanding pad 8 inches (203.2 mm) long and 4 inches (101.6 mm) wide.



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