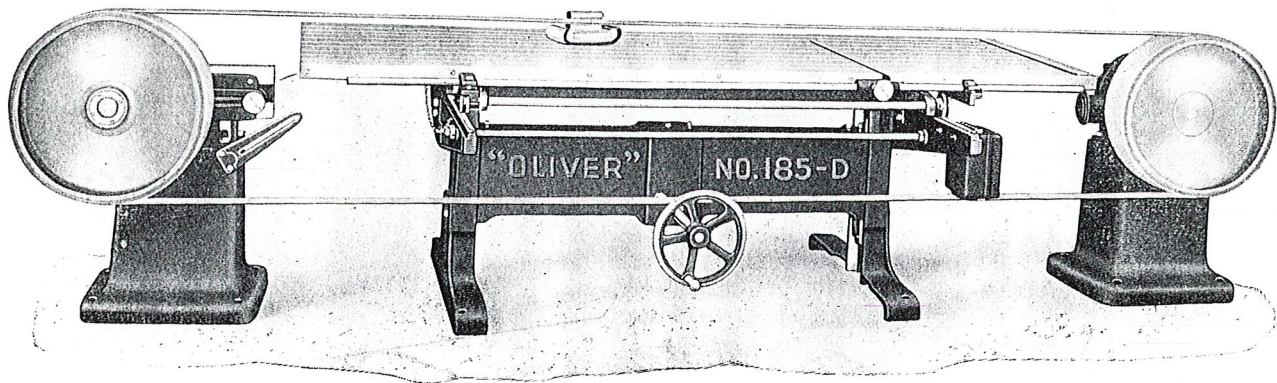


OLIVER

No. 185-D Hand Block

MOULDING SANDER



Front View of "Oliver" No. 185-D Hand Block Moulding Sander.



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

PURPOSE

The versatile uses of the No. 185-D Belt Sander are very apparent in the field of sanding, polishing and finishing all kinds of mouldings, straight, flat or irregular surfaces. Metal surfaces can also be polished with this sander, making it an ideal all-purpose machine.

DESIGN

Three distinct and separate units, each self-contained, compose the principal parts of the machine: the table, the motor stand, and the idler stand. Setting-up and alignment are easily accomplished. A universal adjustable idler pulley and the many ways of easy adjustment for the table are very desirable features. One man can easily move any of the units should a change be required in the set-up, or extra long spacing be necessary between the sand belt pulleys.

TABLE

The table is 32" wide by 96" long and is constructed of planed wood strips approximately 1" apart to allow the dust to drop through, keeping the top clean. It has a horizontal movement of 33" on ball bearing wheels which rotate on steel tracks. It has a vertical adjustment of 14", and a distance of 25" to 38" from the floor. Maximum distance of 10" between table top and sand belt. The table moves in adjustable dovetail gibbed ways with a slide that telescopes inside the two end legs,

which are held in place by a heavy semi-steel casting acting as a tie. In the center of this tie or connector is a hand wheel which turns a worm, worm gear, shaft and racks which easily raise or lower the table to the desired height. An adjustable stop gauge clamped anywhere on the front steel bar of the table prevents the work from slipping off.

MOTOR STAND

We regularly furnish a 2 h.p., 900 r.p.m., ball bearing, 2 or 3 phase, 60 cycle, 220 or 440 volt A.C. motor, with extra large size ball bearings and extra large size shaft, which is fitted with a 20" diameter, 7" face solid aluminum pulley machined for balance and faced with a thick layer of live rubber. Motor is mounted on the top of a semi-steel rectangular cabinet base which measures 16" by 19" at the floor line.

IDLER STAND

The idler stand located at the left end of the machine carries the solid aluminum idler pulley, 20" diameter, 7" face, machined for balance and faced with a thick layer of live rubber. The pulley has pressure lubricated ball bearing supported by a swinging bracket, with hand knob for tracking the belt, and is carried in a dovetailed longitudinal gibbed way with screw and hand wheel for adjustment to compensate for different lengths of belt. The idler pulley unit is fastened on top of

semi-steel cabinet casting with a flaring base of 16" by 19", giving a secure and rigid support. A slotted fork arm bracket is furnished bolted to the base suitable for carrying any special pads or idler attachments that may be used in connection with special form sanding on this machine.

EQUIPMENT

Our standard equipment includes motor base and motor, idler base, table, one sanding pad, switch and automatic starter device with overload protection and wiring as per order.

FLOOR SPACE

This sander is 3' 10" wide by 13' long over all, at the shortest set-up. Allowance must be made for the necessary travel of the table in the horizontal direction.

EXTRA ATTACHMENTS

The machine as regularly furnished is applicable for all general work, but if any special attachments are desired for fitting it for any special sanding, we are in position to furnish any such attachments either with the machine when shipped, or later. Specify the type of work and result desired, and our engineers will recommend any special modification of this machine or special attachments that may make the machine more suitable for any special sanding that you have.

CODE, WEIGHT, ETC.

CODE	MACHINE DESCRIPTION	WEIGHT IN POUNDS		CUBIC FEET
		CRATED	BOXED	
Eugeb	No. 185-D—Hand Block Moulding Sander	2000	2350	152
Eukoj	Dust Hood for mounting on Motor Head Stand if desired.			



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

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