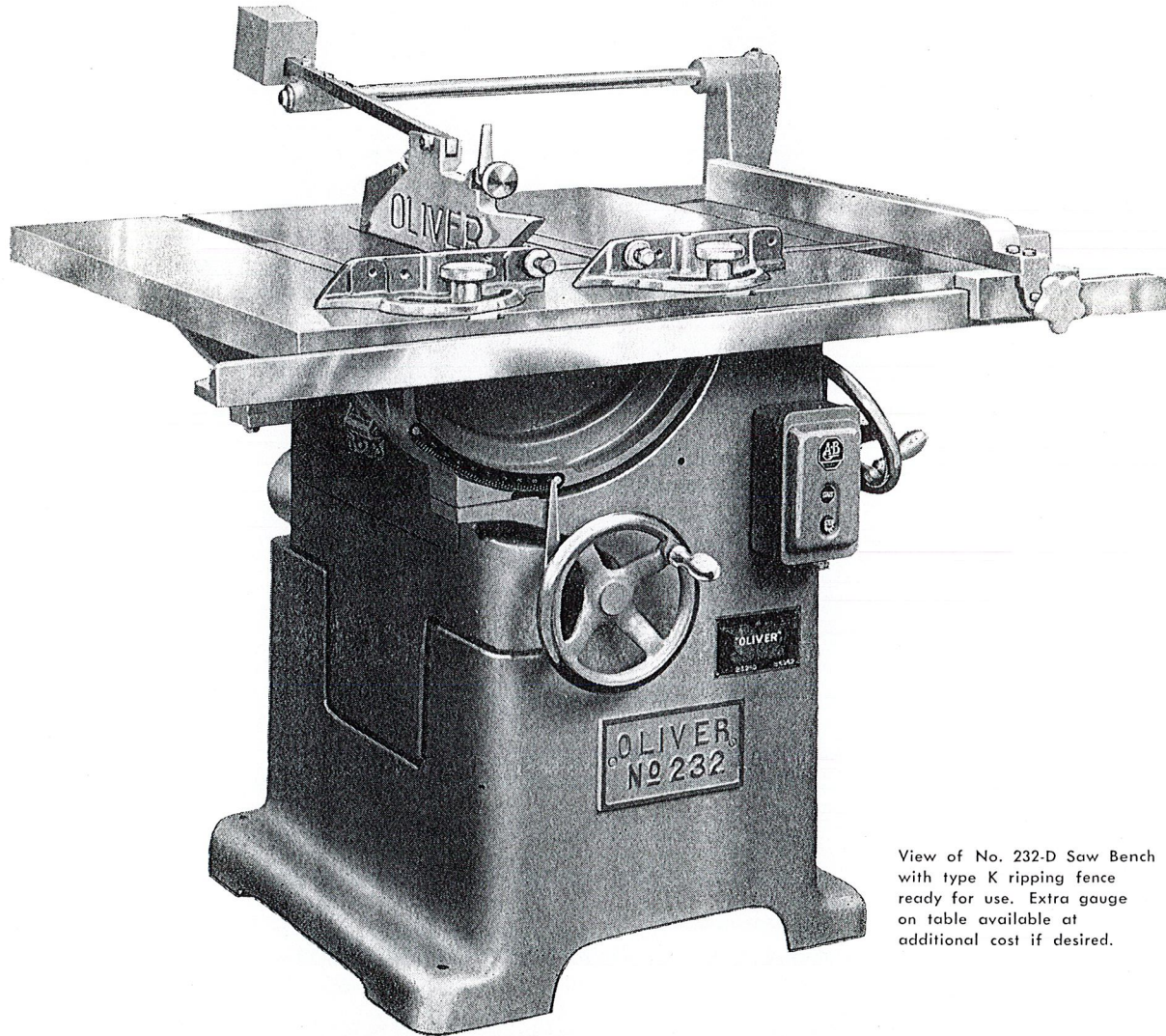


# OLIVER

No. 232 Tilting Arbor

## SAW BENCH

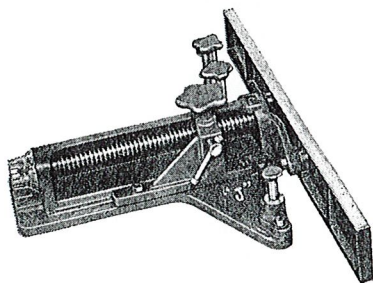


View of No. 232-D Saw Bench with type K ripping fence ready for use. Extra gauge on table available at additional cost if desired.



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





Type J non-tilting ripping fence with micrometer adjustment. Available at extra cost.

**METAL CUTTING**

With the use of carbide tipped saw, this machine can be used to cut light sections of aluminum and other non-ferrous metals.

**ADVANTAGES**

1. Saw tilts, table remains horizontal — greater capacity, efficiency, safety.
2. Heavy, one-piece base — perfect bearing alignment and quiet operation.
3. Three-point floor bearing assures permanent bearing alignment.
4. Large segments for accurate and easy tilting of saw.
5. Finest ball bearings — less friction and longer life.
6. Built-in sawdust outlet.
7. Fully safeguarded.

**CAPACITY**

A 12-inch saw projects 2 $\frac{3}{8}$  inches through table. With plain double-faced ripping fence it rips stock up to 15 $\frac{1}{2}$  inches wide to left side of saw, and up to 25 $\frac{3}{4}$ " to right side of saw. With non-tilting universal fence type J having micrometer adjustment, it rips stock up to 24 $\frac{1}{2}$  inches wide to the right of the saw. With a tilting type H fence it rips stock up to 22 $\frac{3}{4}$ " wide. Extra ripping capacity of 16 inches is available on special order.

**TABLE**

Top of table is 34 inches above floor. It is 34 $\frac{1}{2}$  inches long and 33 $\frac{3}{4}$  inches wide, with an extension table 12 $\frac{1}{2}$  inches wide to receive the universal fence. Table is fitted with T-slots for the gauges, and with a metal throat plate.

**MOTOR HEAD**

The No. 232-D Saw Bench has a 2 h.p. 3600 r.p.m. totally enclosed fan-cooled ball bearing motor mounted on carrier in tongue and groove fitting. Tilts up to 45 degrees by a handwheel and screw arrangement. Motor is raised and lowered in dovetailed gibbed bearing by a handwheel and spiral gears. Has totally enclosed door-covered chamber for the sawdust. Larger motors furnished if needed for special work at slight additional cost.

**SAW ARBOR**

Motor and saw arbor form one unit, 1 inch diameter where saw is applied. It is made of steel, accurately ground, mounted in precision ball bearings. Saw collars 5 $\frac{3}{4}$  inches diameter. Dado heads up to  $\frac{3}{4}$  inch wide can be used on the regular arbor where the saw is applied.

**BASE**

The base is a one-piece casting with three-point floor bearing. It carries the yoke on two large, finished segments. Base at floor line measures 25 x 25 $\frac{1}{2}$  inches.

**RIPPING FENCE**

Two types of fences can be furnished. Plain double-faced ripping fence (type

K) is 26 inches long, 2 inches high, 1 $\frac{1}{2}$  inches wide. Universal fence (type J) is 27 inches long, 3 inches high,  $\frac{3}{4}$  inch wide, with hand knob rapid adjustment of slide and micrometer adjustment for extremely accurate work. Either fence can be used on either side of the saw.

**SAFETY GUARD (G-232)**

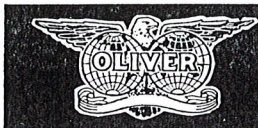
A unique guard has been designed to give protection from the saw blade at all its positions. The guard, for safety, is pivoted in the center. It lifts the fore part upon the introduction of the board, rides flat as the board progresses. Finally, as the board passes the center of gravity of the guard, the front of the saw is covered, giving maximum possible protection. Anti kick-back dogs operate on either side of the saw. A steel blade splitter prevents pinching. The right hand side of the guard is a hinged part which can be tilted up to cover the blade even at an angle of 45 degrees. As the table remains horizontal and the left hand side of the guard is in direct contact with the board, the action of the guard in operation is identical with the normally closed guard. The guard can be adjusted for tilting without the hands being exposed to the saw blade.

A G-232A Guard can be furnished for use with 14" saw blade.

**EQUIPMENT**

The No. 232-D Saw Bench is equipped with one 12-inch combination saw, one plain ripping fence (universal ripping fence furnished, if desired, at slight additional cost), automatic aluminum saw guard, motor, push button starter, cross-cut gauge, and necessary wrenches.

CODE	MACHINE DESCRIPTION	CODE, WEIGHT, ETC.		CUBIC FEET
		WEIGHT IN POUNDS CRATED	WEIGHT IN POUNDS BOXED	
Damba	No. 232-D Tilting Arbor Saw Bench.....	1275	1500	59



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

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