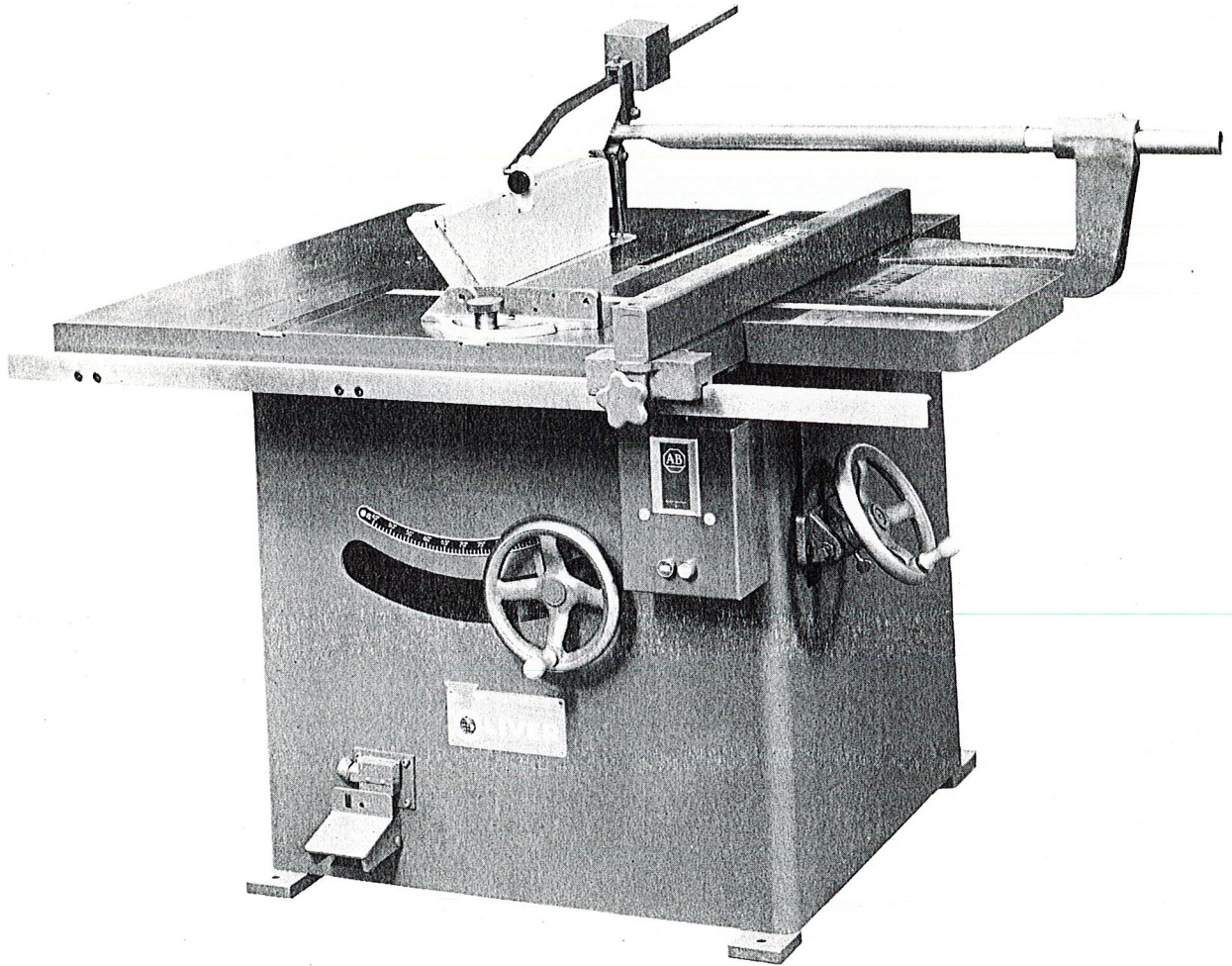
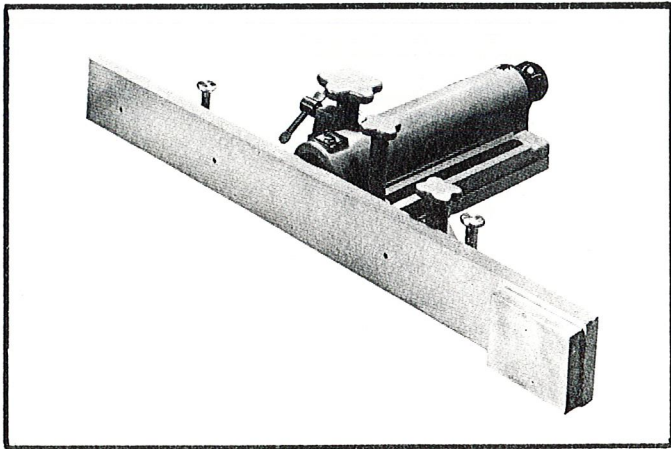


## No. 2002 TILTING ARBOR SAW

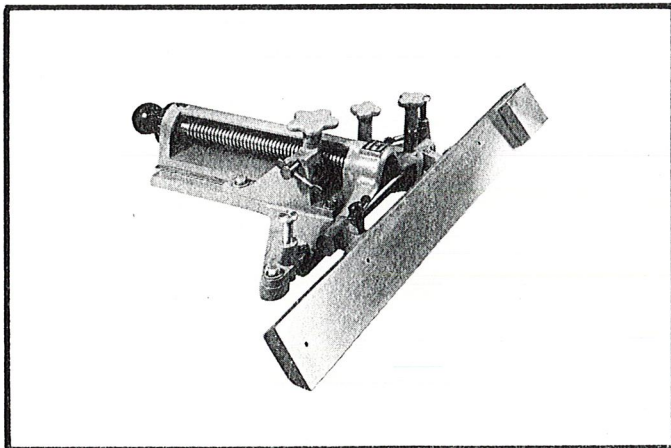


# OLIVER

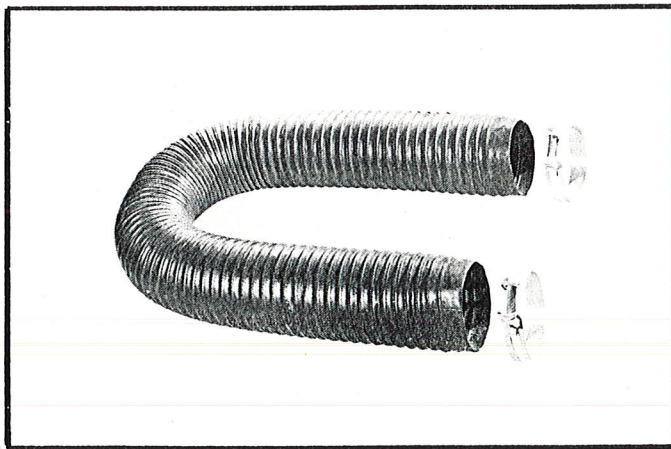
OLIVER MACHINERY COMPANY, GRAND RAPIDS, MICH. 49504



Type J non-tilting Ripping Fence with micrometer adjustment.



Type H Tilting Ripping Fence with micrometer adjustment.



Exhaust Connection with 6' section of 5" flexible tubing, including two hose clamps.

### APPLICATION

The Oliver No. 2002 Variety Saw Bench meets the demand for a medium size, accurate, tilting arbor saw bench. It cuts a perfect miter, cuts off to length, rips to width, and dados efficiently. The operator does not have to use a rule to check dimensions, as the gauges and table are accurately graduated, saving considerable operating time.

### CAPACITY

A 12-inch diameter saw projects  $2\frac{3}{8}$  inches through the table. Machine takes saws up to 14 inches diameter. With plain double-faced ripping fence it rips stock up to 14 $\frac{1}{4}$  inches wide to left of saw, and up to 31 $\frac{1}{4}$  inches wide to right of saw. With type J fence having micrometer adjustment it rips stock up to 27 $\frac{1}{2}$  inches wide to right of saw. With type H fence it rips up to 25 $\frac{3}{4}$  inches wide. It cross-cuts up to 16 inches wide by 3 inches thick.

### STANDARD EQUIPMENT

- 2 H.P., 3600 RPM, TEFC motor
- Magnetic control
- 12" combination saw blade
- Type G Ripping fence
- Automatic saw guard with anti-kickbacks
- Separately mounted splitter for saw blade
- No. 2 Cross-cut gauge
- Table fill-in strip
- Mechanical foot brake

### OPTIONAL EQUIPMENT

- 3 H.P., 3600 RPM, TEFC motor
- 15 $\frac{1}{2}$ " extra ripping capacity
- Type H tilting ripping fence with micrometer adjustment
- Type J non-tilting ripping fence with micrometer adjustment
- Exhaust connection with 6' section of 5" diameter hose, including two hose clamps
- 2 $\frac{1}{4}$ " capacity dado sleeve with 6 collars
- No. 80-62 connector for gauges
- 14" diameter saw blade

# No. 2002 TILTING ARBOR SAW

## ADVANTAGES

1. Saw arbor tilts, table remains horizontal for greater capacity, efficiency and safety.
2. Heavy, rigid base for perfect alignment and smooth operation.
3. Four-point floor bearing for quiet operation and permanent alignment.
4. Large swing segments assure easy tilting of saw.
5. Finest ball bearings—less friction and longer life.
6. Built-in sawdust outlet operates with or without exhaust.
7. Completely wired, ready for use.
8. Perfectly guarded for utmost safety.

## MOTOR HEAD

The No. 2002 Saw Bench is regularly equipped with a 2 h.p., 3600 r.p.m. 3 phase, 60 cycle, 230/460 volt motor. It is totally enclosed, fan-cooled, ball bearing. It tilts up to 45 degrees by a handwheel and screw arrangement. The motor is raised and lowered in dovetailed gibbed ways by a handwheel and spiral gears. Has totally enclosed door-covered chamber for sawdust. A 3 h.p. motor can be furnished when so ordered.

## TABLE

The table is 33 $\frac{3}{4}$  inches above the floor, 36 $\frac{1}{2}$  inches square with an extension table 13 inches wide. Table is fitted with T-slots for the gauge and metal throat plate.

## BASE

The base is heavy fabricated steel 30" x 33 $\frac{3}{4}$ " at the base, with four-point floor bearing. It carries the yoke in two large finished segments for tilting from 90 to 45 degrees.

## BRAKE

A foot operated mechanical brake of advanced design, operated from front of machine, brings the saw to a quick stop and shuts off the motor at the same time.

## RIPPING FENCE

Three types of fences can be furnished. A plain double-faced ripping fence (type G) is 36 $\frac{1}{2}$  inches long, 3 inches high. A universal fence (type J) is 27 inches long, 3 inches wide, with handwheel and screw quick adjusting slide and micrometer adjustment for extremely accurate work. Type H universal fence is the same as type J except the face plate on the type H tilts down to 45 degrees.

## SAW ARBOR

The motor shaft and saw arbor are one unit. The shaft is 1-inch diameter where saw is applied. It is made of extra tough crucible steel, accurately ground, and mounted in precision ball bearings. The saw collars are 5 $\frac{3}{4}$ -inch diameter. Dado heads up to 1 inch wide can be used on regular arbor where the saw is applied.

## ELECTRIC CONTROL

Machine is equipped with a magnetic control providing overload and low voltage protection. Start and stop buttons are mounted in the control cover, convenient to the operator.

