

**No. 2026 JIG SAW  
FOR STEEL RULE DIE WORK**



APPROVED EQUIPMENT FOR THE TEMPLET INDUSTRIAL PROCESS DIE-WORKER

**OLIVER**

OLIVER MACHINERY COMPANY, GRAND RAPIDS, MICH. 49502



# No. 2026 Die Maker's Saw

A self-contained heavy duty machine having a table set at 45° to the throat for increased capacity. Recommended for the Templet Industrial Steel Rule Die Process.

This unique jig saw has been designed primarily for use in the process tool room. The standard blade is 6½ inches long on pin centers. The machine is simply adjusted to center 4, 6, and 8 point blades precisely. Longer blades up to 15 inches long may be used. The specially designed forked blade holder causes the pin to center itself under proper tension.

While primarily designed for ¾ inch die stock, the machine will saw plywoods, fibres or high-density laminates up to 9½ inches when using a 15 inch long blade.

## SPECIAL FEATURES OF THE OLIVER NO. 2026

1. All moving parts are carefully guarded to provide maximum safety for the operator. A sliding throat plate in the table permits drop-through of small cutouts without stopping the machine.
2. The strongly-ribbed cast iron table is 34 inches square and 37 inches from the floor. It is planed and ground perfectly true and mounted at 45° position relative to the base. The table is mounted on rockers and is taper pinned perpendicular to the saw blade. Pin can be removed and table tilted if desired.
3. The unique tensioning device with balanced coil springs insures steady, vibrationless operation, a valuable aid to an operator doing precision work.
4. A convenient hand lever which is designed to overcome the loading of the tension springs, provides for instant release and engagement for the blade.
5. The machine is self-contained and directly driven by a 1 H.P., 900 RPM motor. It is equipped with a magnetic control giving overload and low voltage protection. A convenient foot pedal starts the motor. An adjacent brake pedal stops the motor and applies the brake.
6. Bearing surfaces and moving parts can be adjusted or refitted to compensate for wear. Surfaces and holes are planed and bored to close tolerances for greater ease of operation, durability, and accuracy.
7. The tension arm is very rigid but lightweight and works on an easily lubricated bronze bearing. The pitman has sealed ball bearings on both ends and drives the slide through a long bronze sleeve which receives its lubrication from a transparent oil chamber.
8. The column is a one-piece rigid casting carrying the table, countercase, pitman, crosshead, and the starting and stopping pedals. It is arranged for simple connection to a blow pipe system.
9. There are two saw guides, one above and one below the table. Each carries a quick change hardened roller with groove to accommodate 4, 6, and 8 point saw blades. They are designed to keep the blade centered while cutting radii and contour lines.
10. An automatic pump directs air to the point of cut, keeping the working surface clean.
11. Equipment includes a combination magnification lens and light, two saw guides, motor and control completely wired and necessary wrenches.

# Oliver

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