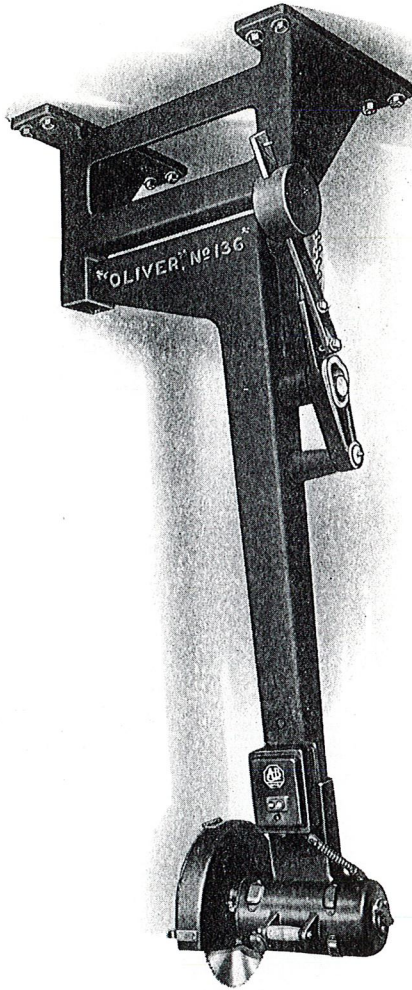




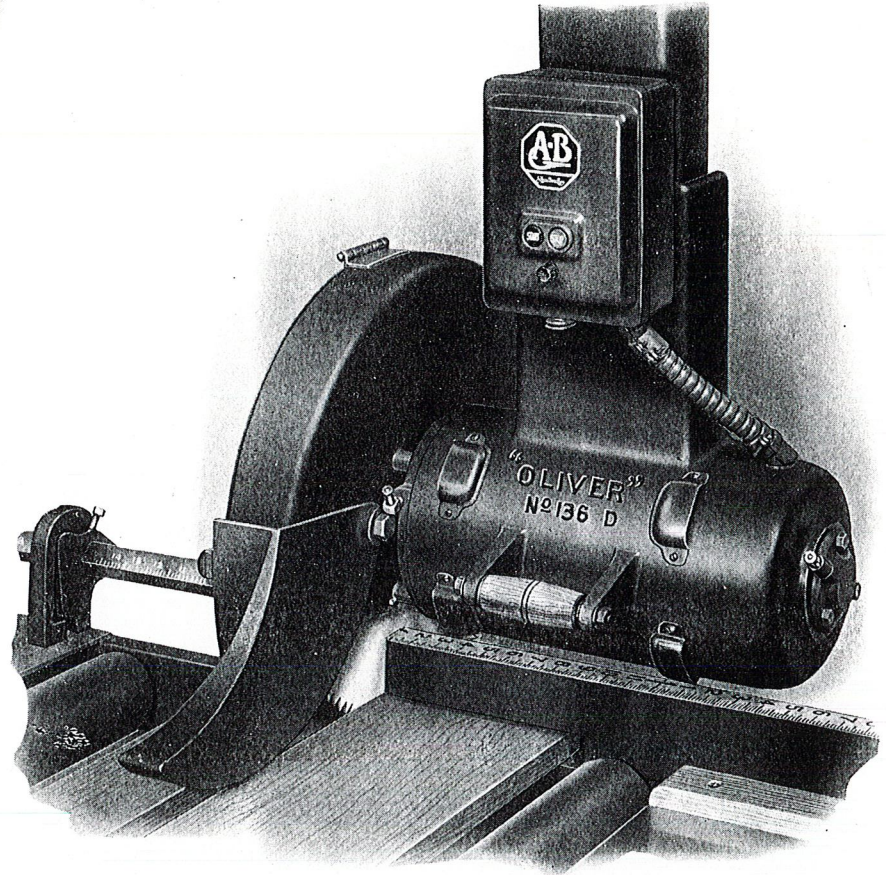
*"Every User
Is a Booster"*

"Oliver" No. 136 High Production Swing Saw

Motor - on - Arbor



The Head is adjustable vertically -- a valuable feature in a set-up for a particular job or to compensate for wear of saw.



The Motor Arbor Head is made with light metal motor housing. The steel front guard is furnished as an extra. Note the semi-circular guard, hinged for changing saw.



Ball Bearings of the highest grade are used for the main bearings of this machine. Less Friction -- More Power.

Manufactured by

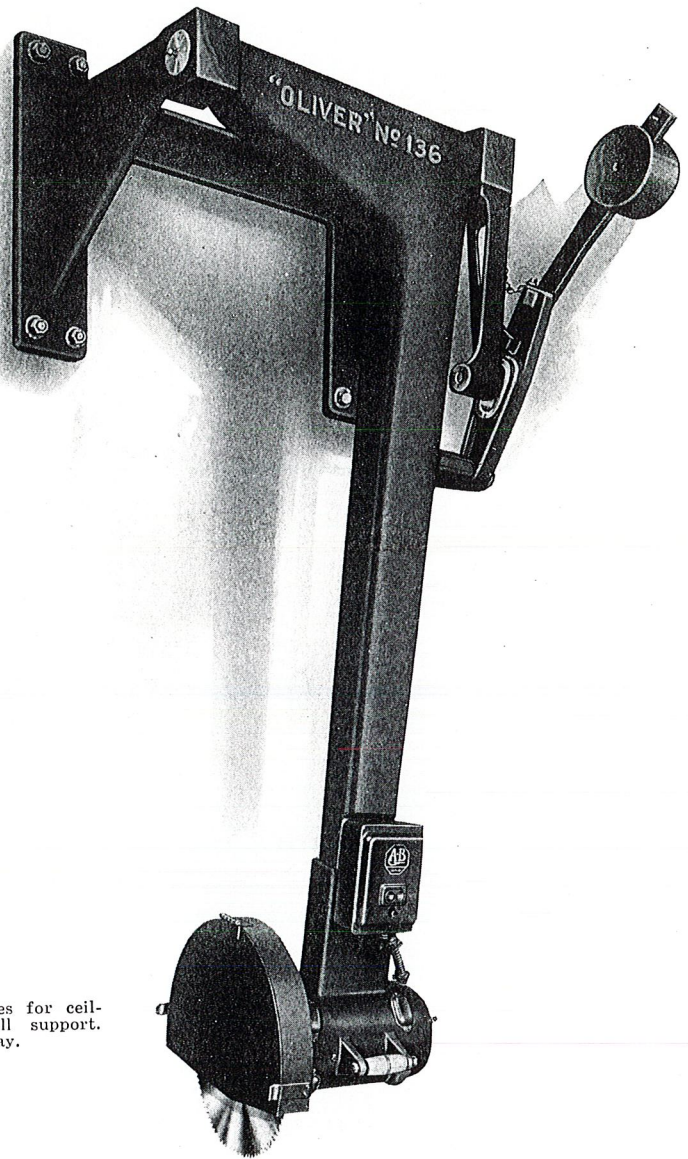
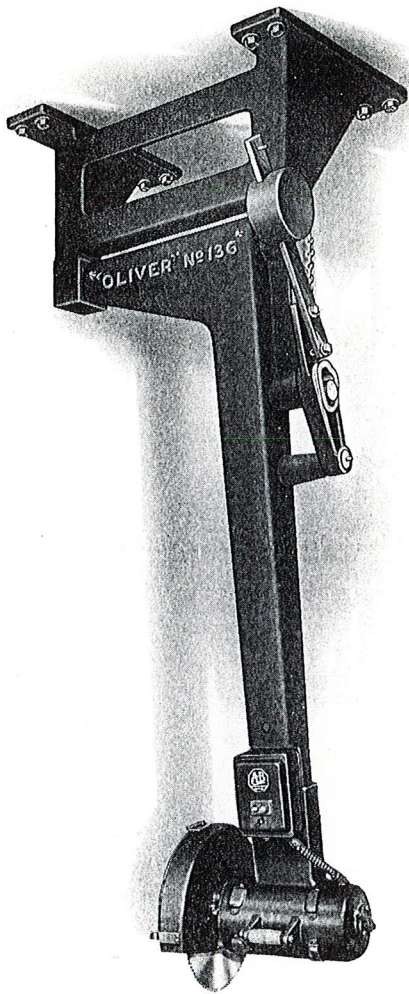
Oliver Machinery Co.

Grand Rapids, Michigan, U. S. A.

BRANCH SALES OFFICES:

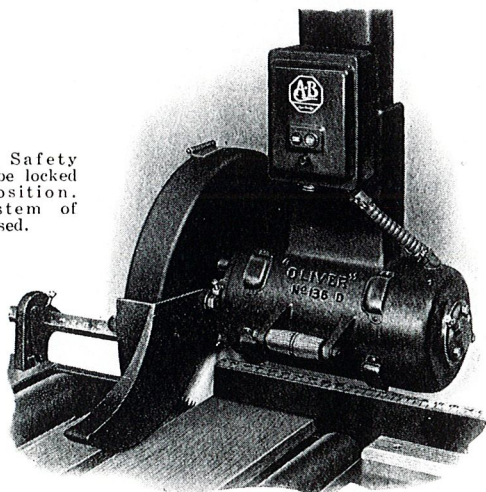
New York, St. Louis, Minneapolis, Los Angeles, San Francisco, Chicago, Denver, Salt Lake City, Seattle, Manchester, Eng.

OLIVER MACHINERY COMPANY  GRAND RAPIDS, MICHIGAN, U.S.A.
 NO. 136 "OLIVER" HIGH PRODUCTION SWING SAW



The same bracket serves for ceiling suspension or wall support. Standardized in every way.

Enclosed Safety Switch can be locked in off position. Alemite system of lubrication used.



This machine combines simplicity and efficiency. It is easy to swing and safe to operate. Made in one size and length only. Standardization allows it to be sold at low price.

Hanger Bracket

The hanger is cast in one piece with 37-inch base machined parallel to trunion axis of swinging arm. It is so designed that machine may be mounted on either wall or ceiling as desired without any fitting other than placing of weight arm in proper position.

Main Frame

Is rigid single arm type in cored U form for strength and without superfluous weight. It swings on ground pins of large diameter.

Counter Balance

The counter balance is so constructed as to give the operating of arm an easy and lively motion. Its action is about one-third the way down the main arm. Thus located it takes less weight to throw the arm back to the starting position, and lesser effort for the operator to pull forward. The slot in the weight arm is shaped to act as a safety feature by bringing the saw to its starting position. The fulcrum pin is hardened and ground and provided with flats so as to prevent new wearing surfaces should wear ever make such adjustment necessary. Weight is supplied with safety chain.

Adjustable weight arm gives two exclusive features.

- (a) A swing with the least possible effort—for production.
- (b) Adjustment to throw arm back upon letting go of handle—a safety feature of great importance.

Motor Arbor Housing

Is bolted to frame in tongue and groove allowing 2-inch vertical adjustment for set-up or to provide for 4-inch reduction in size of saw. Housing is a three-piece rigid construction the end pieces of cast aluminum; all parts interchangeable, unit construction. Wood handle rolls on steel shaft give easy and comfortable control for high production work.

Motor and Starter

The stator of the motor is mounted in the housing. The shaftless rotor is mounted on and keyed to the saw arbor. Motor has full load speed of 3450 r.p.m. May be furnished up to 5 h.p. for 2 or 3 phase, 60 cycles, 220 or 440 volts. A. C. Motor is ventilated. This motor-on-arbor drive is extremely efficient, dependable and safe. It is fully standardized with parts interchangeable and requires minimum care.

Frame has cored holes for conduit, reducing wiring cost to minimum. Motor and latest type safety-first switch are wired together before leaving factory.

Saw Arbor and Bearings

The saw arbor is made of crucible steel machine ground to limit sizes. It is mounted in two radial ball bearings, pressed on. Bearings are practically impervious to wear and run in a lubricating grease that prevents cutting. Bearings are encased so com-

pletely that no dirt can come in contact with them. The arbor carries the two 4-inch diameter saw collars and nut and 16-inch saw. The arbor is 1-inch in diameter where saw is applied.

Guards

Regularly furnished with one-piece cast guard over top and sides. Hinged steel plate on one side can be instantly lifted back to change saw. A front or swinging nose guard of steel is furnished at small extra cost. It rides on the work and protects when pulling saw forward. A very desirable protection.

Lubrication

Alemite System of lubrication throughout.

Capacity

18-inch saw may be applied but 16-inch saw regularly furnished.

Size

18-inch saw will cut planks 12 inches wide, 4½ inches thick; 16-inch saw will cut planks 12 inches wide, 3½ inches thick.

Standardized length: Approximately 7 feet, 6 inches from center of saw to base of ceiling hanger or approximately 6 feet 7 inches from center of saw to top of wall bracket.

Equipment

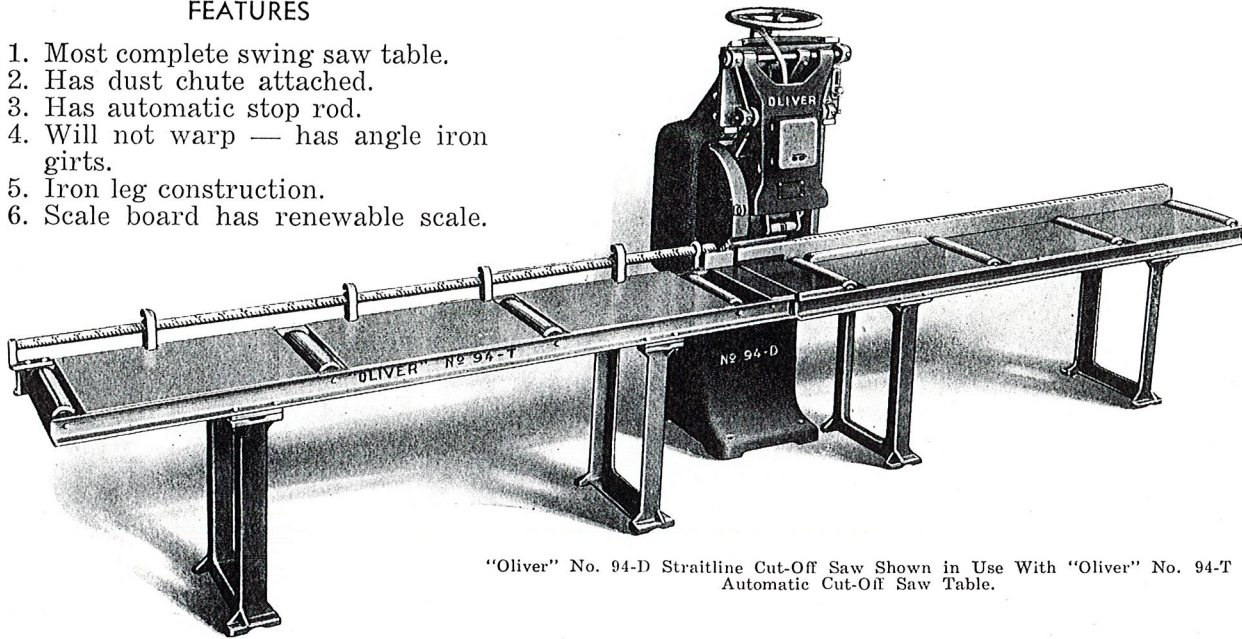
Includes motor and safety-first switch (wired to motor) semi-circular guard, 16-inch saw.

CODE, WEIGHT, ETC.

CODE	MACHINE DESCRIPTION	WEIGHT IN POUNDS		CUBIC FEET
		CRATED	BOXED	
Deat	No. 136 Motor Arbor Swing Saw.....	750	900	32
EXTRAS				
Deav	Steel Front Guard.			

FEATURES

1. Most complete swing saw table.
2. Has dust chute attached.
3. Has automatic stop rod.
4. Will not warp — has angle iron girts.
5. Iron leg construction.
6. Scale board has renewable scale.



“Oliver” No. 94-D Straightline Cut-Off Saw Shown in Use With “Oliver” No. 94-T Automatic Cut-Off Saw Table.

“Oliver” No. 94-T Automatic Cut-off Saw Table

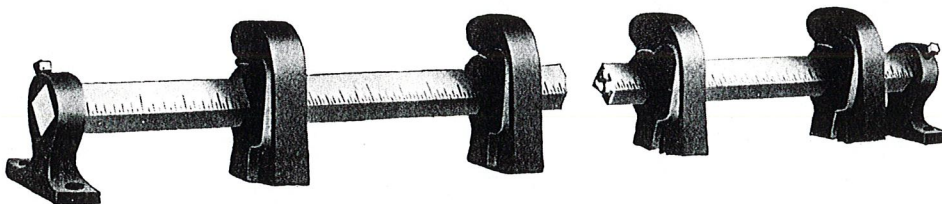
These tables are 20 inches wide, 31 inches high, can be furnished any length desired. They can be furnished in either right hand or left hand. When not specified the automatic cut-off gauge is mounted on the left table, and the length gauge is mounted on the right hand table. Standard table consists of two sections of eight feet each, making a total of sixteen feet. It is built up of channel iron with

rigid flange both bottom as well as top. These channel irons have steel plates welded at the top with ball bearing steel rollers mounted between the sections, four rollers to each section. Cast iron legs assure maximum rigidity. The section whereon the long boards are fed has the rollers set $\frac{3}{4}$ -inch higher than the steel plates to enable the operator’s hand to catch the

boards underneath as well as at the top, assuring quick operation. Suitable opening directly past the saw provides a natural chute for end cuttings and short stock to drop down into a box. The automatic gauge is an eight-foot gauge marked in inches, graduated in $\frac{1}{8}$ inches, and fitted with four automatic stops, easily located at the operator’s will.

Automatic Swing Saw Gauge

The stops are made of malleable iron, hung on a square steel polished rod. This is the only swing saw gauge so constructed. We make it any length and with any number of stops.



Users of Swing Saws for cutting up stock should not ignore the saving in time and money, and the increase of output that may be accomplished by using our Automatic Swing Saw Gauge.

CODE, WEIGHT, ETC.

CODE	MACHINE DESCRIPTION	WEIGHT IN POUNDS		CUBIC FEET
		CRATED	BOXED	
Darmo	No. 94-T—“Oliver” Special New Style Swing Saw Table, 16 feet long.....	600	900	50
Deam	No. 419—Automatic Swing Saw Gauge for tables now in use.....	50	50	2
Deama	Extra Lengths of No. 419 Swing Saw Gauge.....
Deames	Extra Stops for above, if desired, each.....