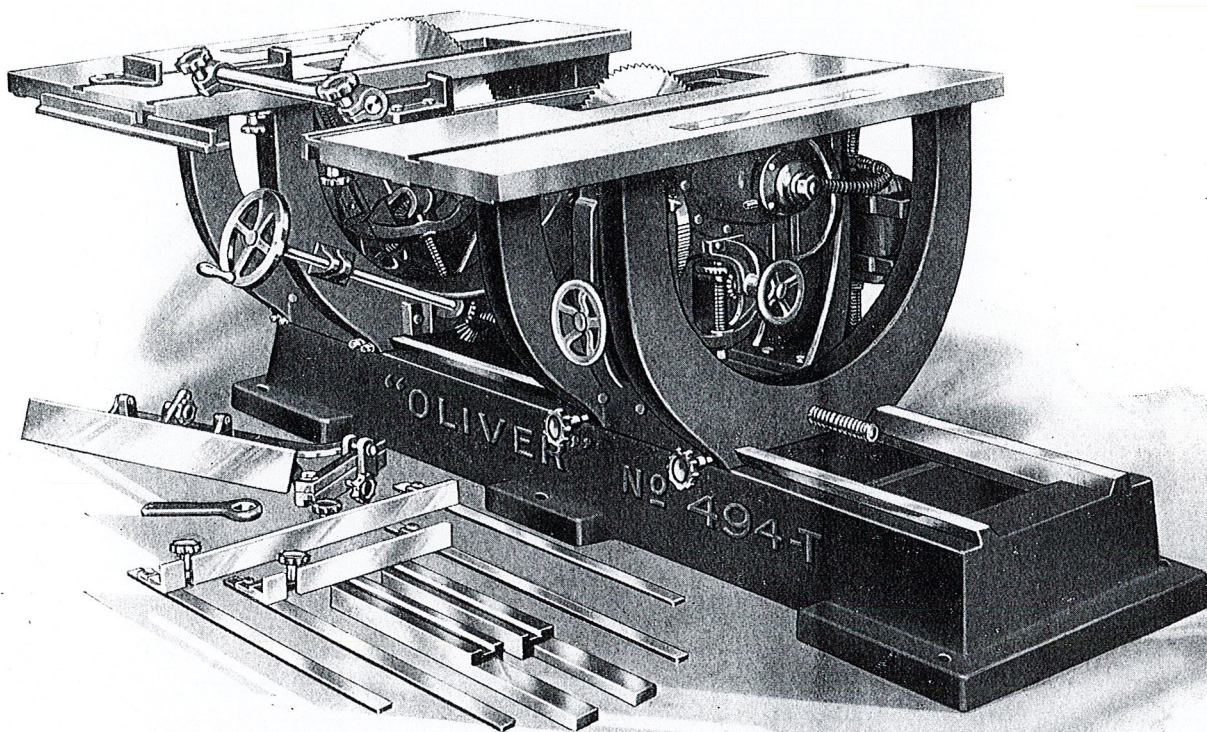




"Every User
Is a Booster"

"Oliver" No. 494 Double Cut-off Saw

"Very Accurate"—"Very Popular"



No. 494-T Double Cut-Off Saw With Tilting Saws.

Adaptation

This is an extremely accurate double cut-off saw for furniture factories, cabinet shops, sash and door plants, radio cabinet manufacturers, car shops, etc., where perfect accuracy is necessary for cutting off materials to exact length, or trimming stock so that both ends are cut off absolutely square at the same operation. The machine is furnished either in the tilting saw, or in the straight cutting type, where the saws do not tilt.

Electrical Control

The most modern type of totally enclosed push button operated motor control is furnished and mounted on the machine in a convenient place for the operator, and wired in conduit to the motors.

Capacity

Will cut off stock from 6 inches to 86 inches in length, and 24 inches in width, up to 4 inches thick, and will carry saws from 8 inches up to 20 inches diameter.

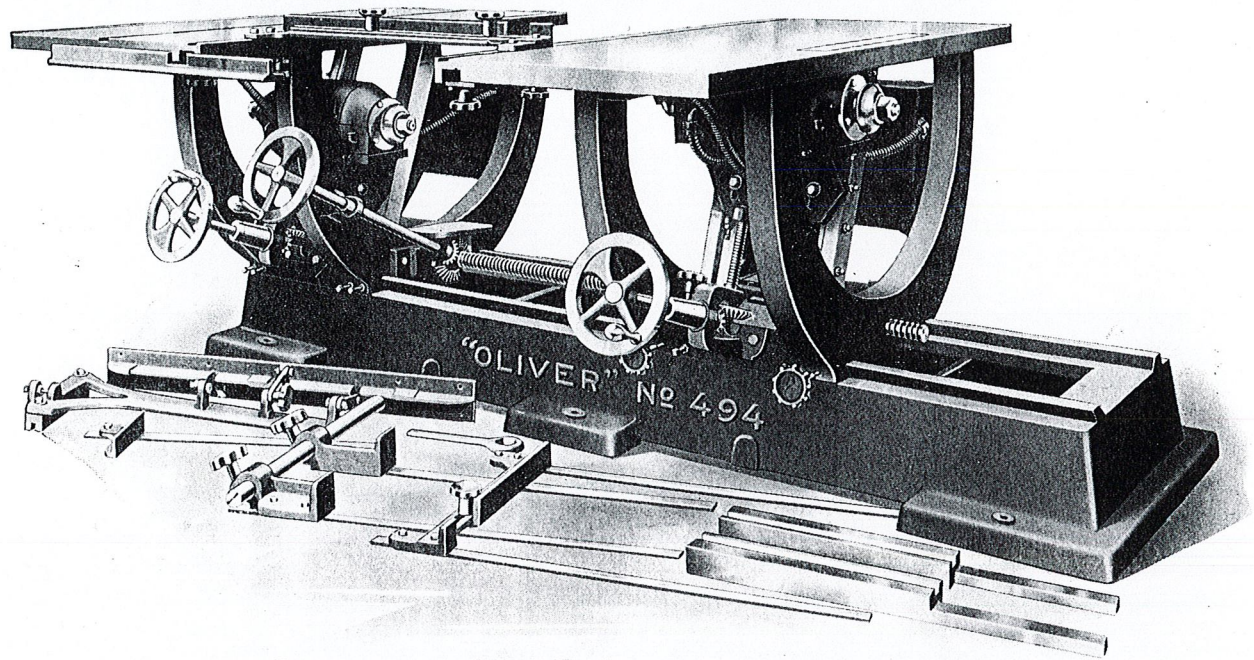
Motor Heads

The Motor-On-Arbor consists of a 5 H.P., 3600 R.P.M., 2 or 3 phase, 60 cycle, 220 or 440 volt

ball bearing shaftless motor mounted directly on each saw arbor, with pressure grease lubrication. The motor housing has vertical gibbed slideway for up and down movement, by means of handwheel and bevel gears for regulating the projection of the saw through the table, and with both angular and vertical adjustment to make it a simple matter to align the saws with the tables. On the tilting arbor machine, the motor heads are mounted on a tilting plate, which is supported by a vertical slide plate, in carefully machined and scraped fittings, so that each motor independently can be raised or lowered to any vertical position desired, and at any position the saw may be tilted outwardly from the center up to an angle of 45 degrees. All adjustments are performed by means of suitable handwheel and gearing to give saw an accurate control, and positive clamps hold the motor heads in any set position so as to assure great accuracy of work.

Base

One piece cored casting, 96 x 27 inches, heavy, rigid and substantial, to eliminate the possibility of springing or warping so as to make the



No. 494-D Double Cut-Off Saw With Saws Cutting Square Only (Not Tilting).

tables perfectly supported and in line with each other at all times. On special order the base can be made longer to suit requirements.

Tables

Left hand table 30 x 53 inches, right hand table 24½ x 53 inches, extra heavy, well ribbed, planed perfectly true with slots for the gauges. The left hand table is stationary, having two slots for cut-off gauges, and with a rail at the front on which the tilting ripping gauge is mounted when in use. This ripping gauge is adjustable to 45 degrees and has capacity to rip to 26 inches wide. The right hand table is moved to and from the left hand table to any required position by handwheel, bevel gears, and screw at the front convenient to the operator. At a small additional cost power feed can be furnished instead of hand feed for moving the right hand stand to and from the stationary left stand. Each table is solidly supported by means of two arms which are bolted together with heavy cast iron girt, with the bottoms planed to fit the dovetailed ways on the base, and with take-up for wear.

Saw Arbors

Mounted in high speed ball bearings, with pressure grease lubrication; made of special high carbon steel, 1⅛ inch diameter where the saws are applied, and the left hand arbor of special length to take dados up to 1½ inch wide. On the Motor-On-Arbor machine, the rotor of the motor, the ball bearings, and the arbor are one unit, having arrangement for taking up the end thrust to assure steady and perfect running of the saw without any side wobble.

Equipment

Two 16 inch Cut-Off Saws, one adjustable tilting ripping fence, one “T” gauge, three double cut-off gauges, one set of short extensions, wrenches, motors, push button control. On belt driven machines, self-contained countershaft with tight and loose pulleys and driving pulleys are furnished.

Floor Space

Motor-On-Arbor machine, 108 x 53 inches. Belt Driven machine, 120 x 81 inches.

Code	Machine Description	Weight in Pounds		Cubic Feet
		Crated	Boxed	
Orba	No. 494-A—Belt Driven Double Cut-Off Saw, with self-contained counter-shaft, and regular equipment.....	3700	4200	89
Orbad	No. 494-D—Motor-On-Arbor Double Cut-Off Saw, with two 5 H.P. motors, starters, non-tilting saw arbors, and regular equipment.....	3150	3600	80
Orbat	No. 494-T—Tilting Arbor Motor-On-Arbor Double Cut-Off Saw, with two 5 H.P. motors, starters, and regular equipment.....	3150	3600	80
EXTRA				
	Power Traverse for the right hand or sliding section, consisting of 2 H.P., 1200 R.P.M. Motor and two way switch.....	150	150