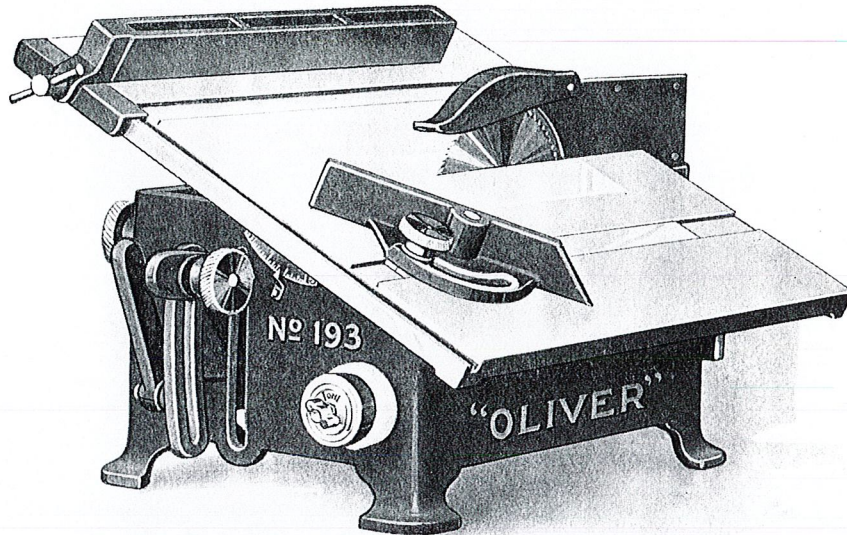




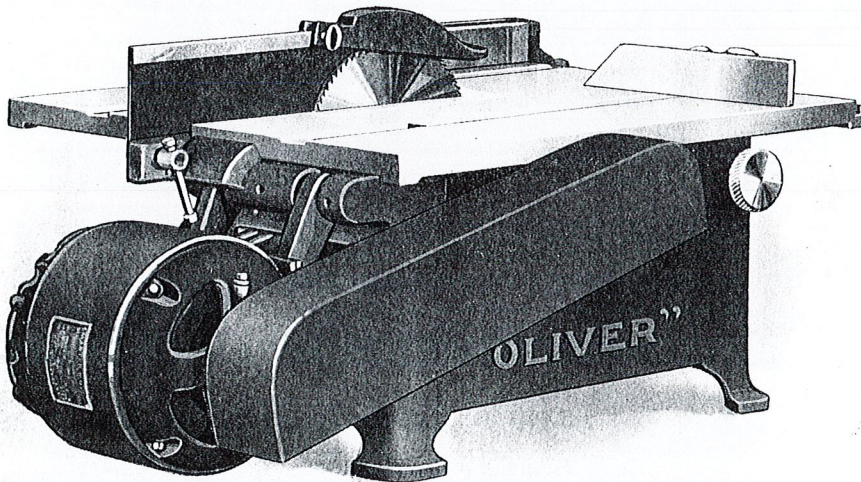
*"Every User
Is a 'Booster'"*

"Oliver" 193—7-inch Motor Driven Saw Bench

Bench Style or on Base



"Oliver" No. 193-A 7-Inch Motor Driven Saw Bench.
Front View of Bench Style Machine. Table Tilted.



"Oliver" No. 193-A 7-Inch Motor Driven Saw Bench.
Rear View of Bench Style Machine Showing Self-Contained Motor Mounting.
Belt Guard, Etc.

*"The most practical
small circular sawing
machine obtainable"*

*Ball
Bearings*

Oliver Machinery Co.

Grand Rapids, Mich., 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.

"OLIVER" NO. 193—7-INCH MOTOR DRIVEN SAW BENCH

- Features** The "Oliver" No. 193 Motor Driven Saw Bench is a high grade machine, in every way up to the "Oliver" standard of quality, possessing all the refinements, universal features, high grade design and workmanship found on any of the larger saw benches. For small work this machine is unequalled.
- Capacity** Will cut 2 inches deep with a 7-inch diameter saw, dado heads $\frac{3}{4}$ -inch wide can be used, which should be 6 inches diameter.
- Frame** Is a stiff one piece casting, with flanged feet for ample support.
- Base** The Bench Style Machine (called No. 193-A) is complete in every respect and may be used on any bench, table or stand; however, for the convenience of those who desire the machine mounted on a well made independent support, we furnish a one-piece cast iron Floor Base having four "domes of silence", gliding knobs which make it very easy to move the machine from place to place and yet have same always ready for use. The machine with the floor base is called No. 193-B. The base is 22 x 23 x 22 inches high, well ribbed and rigid.
- Table** Cast iron 25 x 25 $\frac{1}{4}$ inches, with metal throat piece easily removable; has grooves on either side of saw for cut-off gauges and milled out slide in front for ripping gauge; tilts up to 45 degrees and is instantly locked by hand knob. A dial with graduations and a pointer indicates the exact position of table at all times. A stop is provided to facilitate a quick and accurate return to horizontal position.
- Saw Arbor** Crucible steel, machine ground $\frac{1}{2}$ -inch diameter where saw is applied, runs in BALL BEARINGS. Speed about 5000 R. P. M.
- Saw Arbor Yoke** Carries the arbor and saw is hinged where saw is raised and lowered instantly by means of hand lever, allowing the saw to project above the table high enough to cut 2-inch stock or lowered until it is below level of table.
- Power** $\frac{1}{2}$ H. P. motor, about 1800 R. P. M. mounted on a swinging bracket and has arrangement for keeping the proper tension on the belt by means of a convenient turnbuckle device which raises and lowers the bracket with the motor.
- Switch** Heavy type snap switch, mounted on machine in convenient place for the operator.
- Cross Cut Gauge** Can be used on either side of the saw; quickly set at any angle and clamped rigidly in position for cutting off at any desired angle. Holes are provided for mounting an auxiliary wood face piece when such is desired.
- Ripping Gauge** Machined on both sides, can be used on either side of saw, tightened by means of hand lever which automatically lines it up perfectly with the saw at the same time.
- Saw Guard** Saw Guard sets down over saw and can be instantly set to allow any thickness of stock to be cut up to 2 inches thick. Splitter guard fastened to the table back of saw which keeps the stock from pinching the saw. Belt Guard covers the driving belt.
- Height** Bench type 10 inches; with base 32 inches from the floor.
- Equipment** Regular equipment consists of one 7-inch diameter combination rip and cross-cut saw, saw guard, splitter-guard, double face ripping gauge, one positive clamp cross cut gauge, endless leather belt, cast iron belt guard, electric motor of proper kind and size, switch, cord and plug for light socket attachment or switch only for power current.

CODE, WEIGHT, ETC.

Code	Machine Description	Weight in Pounds		Cubic Feet
		Crated	Boxed	
Dana	No. 193-A—Motor Driven Saw Bench—Bench Style.....	250	350	5
Danab	No. 193-B—Motor Driven Saw Bench on Floor Base.....	400	500	10