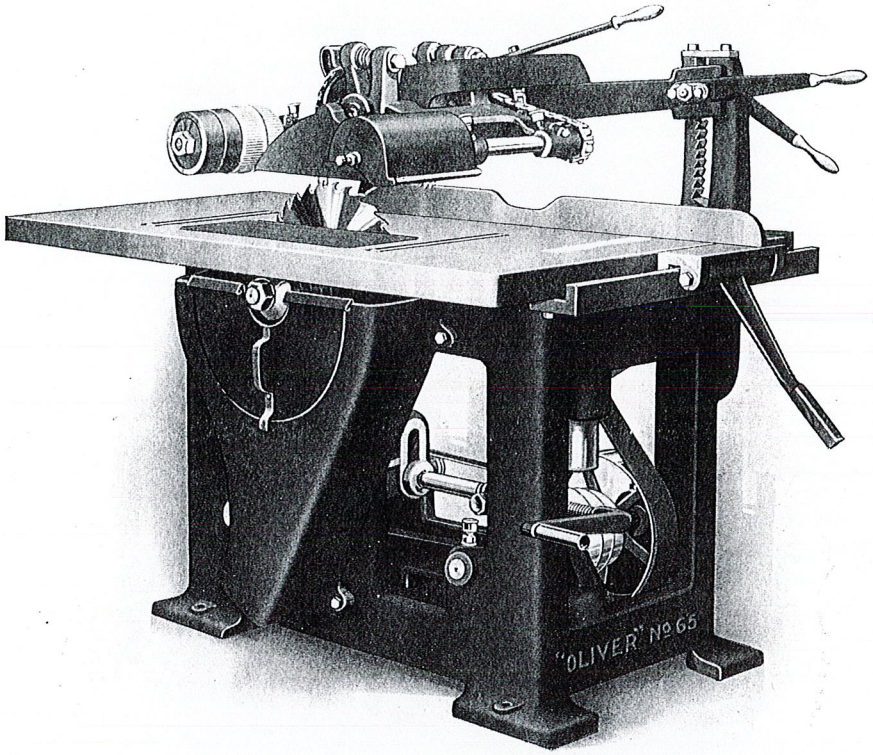
"OLIVER"
HIGH GRADE WOOD WORKING MACHINERY
"QUALITY"

"Oliver" No. 65 Self Feed Rip Saw



"OLIVER" No. 65-A SELF FEED RIP SAW

View showing latest improved machine with lever throw-out for feed mechanism, a most thorough system of guarding the saw and dust chute for easy connection to exhaust system.

EDGAR H. COTTRELL PRESIDENT CHARLES P COTTRELL TREASURER ARTHUR M. COTTRELL SECRETARY

C.B.COTTRELL & SONS CO.
WESTERLY, RHODE ISLAND

March 21, 1921.

"NEW YORK" No 25 E. TWENTY SIXTH STREET
"CHICAGO" 343 So. DEARBORN ST.
PRINTING PRESSES

Oliver Machinery Co.,
Grand Rapids, Mich.

Gentlemen:-

In reply to your letter of March 18th, in reference to our #65 Oliver Self Feed Rip Saw, we are pleased to advise you that this saw has been in operation since 1912 on all kinds and classes of work and has proven very satisfactory.

Yours truly,
C. B. COTTRELL & SONS CO.

CBC/LW

Read This Letter

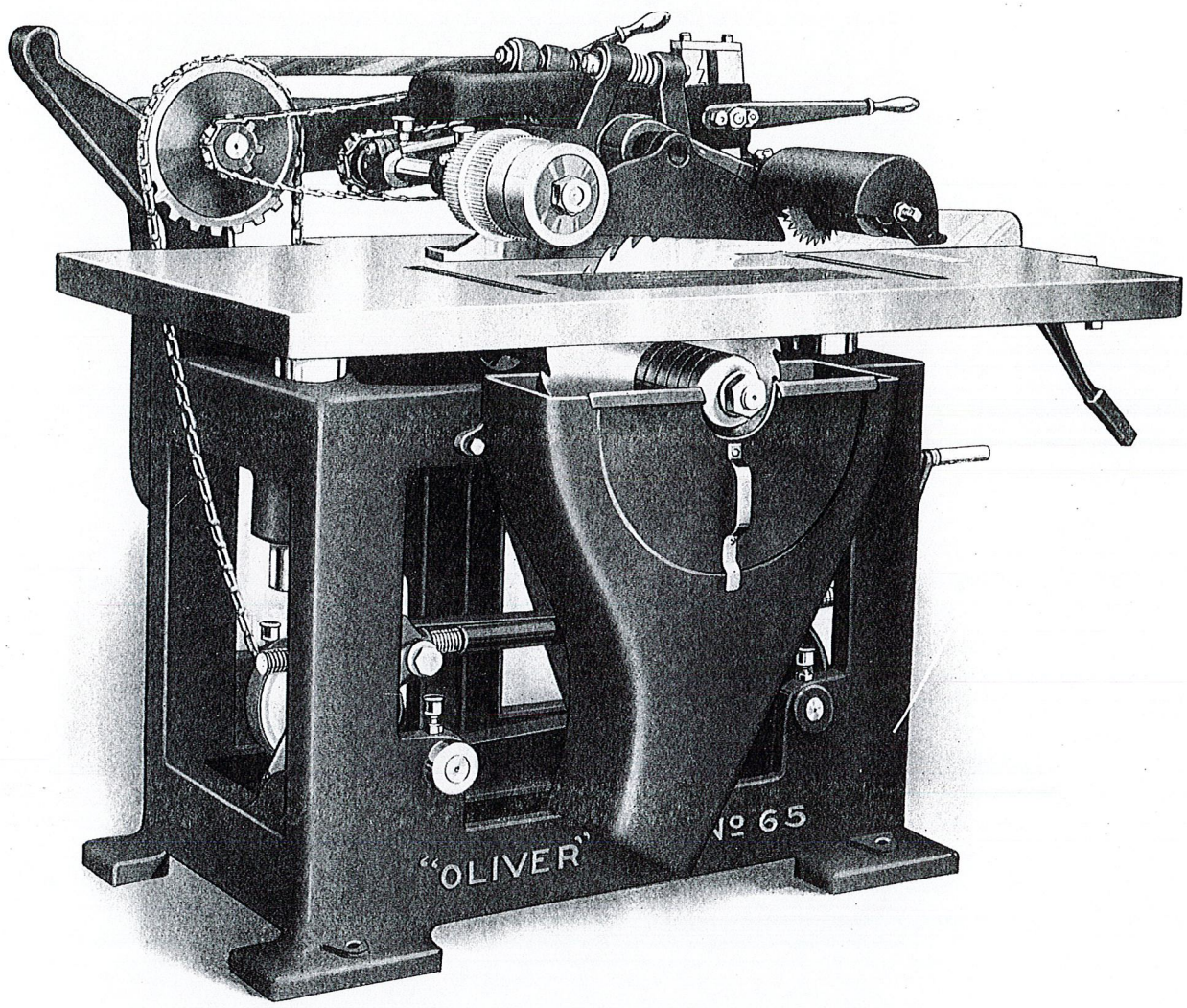
Manufactured By

Oliver Machinery Co.

Grand Rapids, Mich., U. S. A.

BRANCH OFFICES:

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



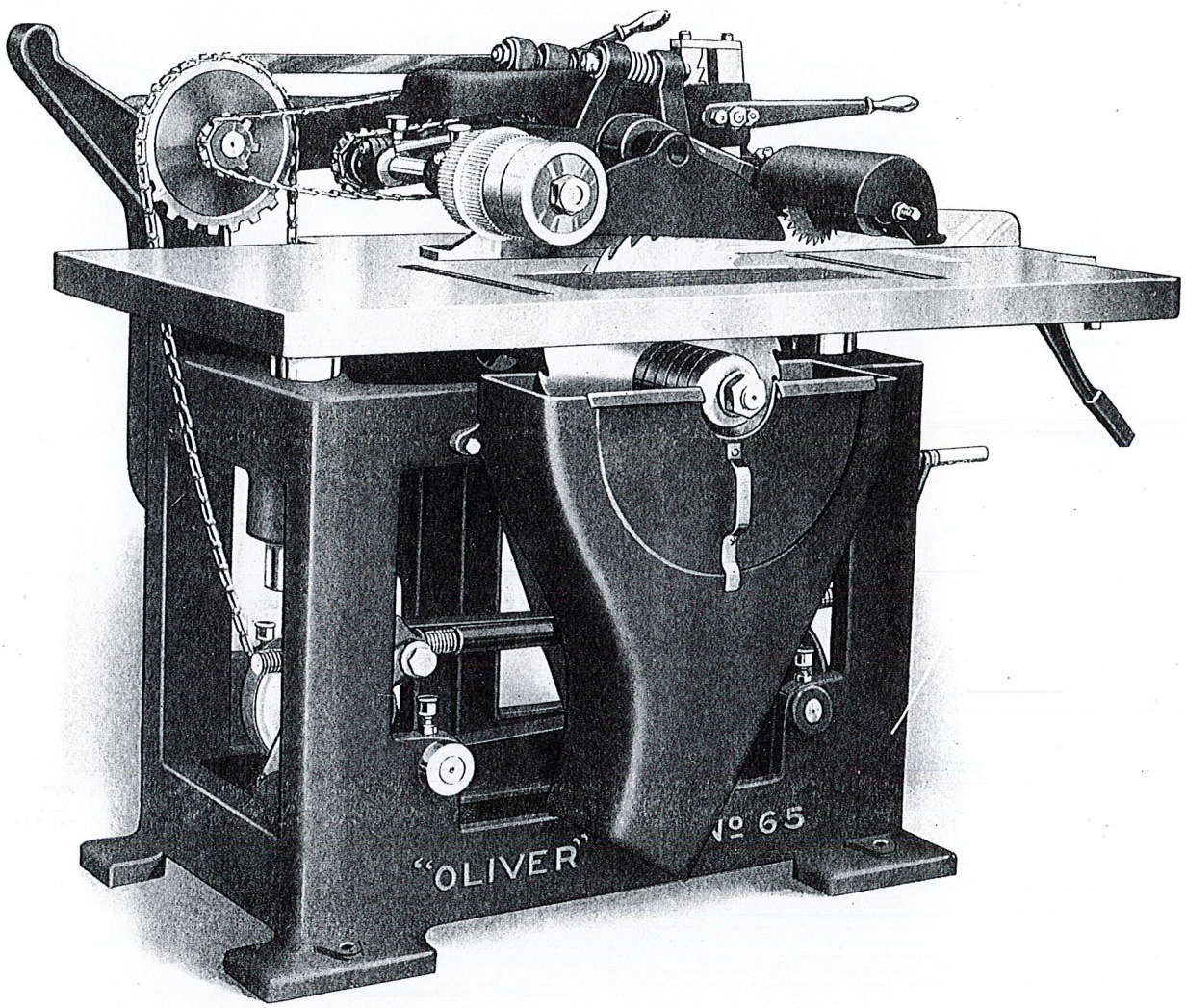
"Oliver" No. 65 Self Feed Rip Saw

Front view showing rigidity and simplicity of the machine.

Application Designed for ripping all kinds of lumber and is adaptable to the ripping of rough stock as well as finished stock and is recommended to the operators of mills and shops handling stock in quantity.

Principle Is in mounting a saw arbor with saw on a frame; frame having vertically adjustable table with an infeed spur roller and an outfeed corrugated or smooth roller, power driven above table to carry stock thru saw over top of table.

Capacity Will take saws up to 18 inches in diameter, 1⅜-inch hole, 18-inch saw will cut 5 inches thick; 16-inch saw will cut 4 inches thick and will rip up to 24 inches wide. A gang of six saws with 1-inch space collars between them may be used at one time. Three rates of feed, 80 feet, 110 feet and 140 feet per minute.



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Power Feed The positive and strong feed is variable thru cone pulleys and receives power from the saw arbor. Feed shafts have suitable collars and feed spur and splitter that track with saw. Outfeed shaft is supplied with smooth roll 5 inches diameter and corrugated roll 5¼ inches diameter in detachable sections with splitter disk. Driving power is communicated to the feed shafts thru sprocket chains, which gives a uniform and positive feed. Entire feed works may be swung back and out of the way, presenting a clear table for hand ripping.

Table Cast iron, very heavily flanged for rigidity, size 33½ inches by 56 inches, mounted on two cylindrical guides 4 inches diameter and 15 inches long, vertically adjusted by a toggle joint operated by nuts, screw and crank handle. Table has idler rolls 2¼ inches diameter in front and rear of saw and also has removable saw throat plate.

Fence Held parallel to saw by a finished guide on the front end of table and can be instantly set to graduations on table by the quick acting lever locking cam; 42 inches long, 2½ inches high, has 18-inch travel on table.

Saw Arbor Made of crucible steel machined, 1¾ inches diameter and is 1⅜ inches where saw is applied and runs in babbitt bearings 1¾ inches diameter by 8 inches long having self-lubricating chambers. Arbor pulley 7 inches diameter by 7 inches face. Speed 2285 R. P. M.

Frame Cast in one piece, rigid in design and carries the table, feeding mechanism and the saw arbor, forming a complete machine.

Motor Drive May be accomplished by eliminating the countershaft and introducing a motor in its place; motor should be 7½ H. P., 1800 R. P. M., with base rails, proper size pulley and starter or motor may be coupled to saw arbor mounted on bracket attached to frame of machine. Motor in this case should be about 5 H. P., 3400 R. P. M.

Countershaft Bearings 6 inches long, 1¾ inches diameter. Drive pulley 20 inches diameter, 6½ inches face. Tight and loose pulleys 10 inches diameter, 6½ inches face, speed 800 R. P. M. Loose pulley is of self-oiling type.

Equipment One 16-inch saw having 1⅜-inch hole, saw guard, feed spur, spur guard, splitter, one sectional outfeed roll group plain, and one sectional outfeed roll group corrugated, fence, filling collars and saw-dust chute.

Horse Power 7½ H. P. for belted drive, 5 H. P. for direct coupled drive.

Floor Space With countershaft 56 x 114 inches; without countershaft 50 x 64 inches.

CODE, WEIGHT, ETC.

Code	Machine Description	Weight in Pounds Crated	Weight in Pounds Boxed	Cubic Feet
Dapper	No. 65-A Self Feed Rip Saw, regular for belt drive	2500	3000	121

EXTRAS

Daring	Countershaft for above extra if desired	225	300	15
Darlox	Extra Star Feed Saws for gang sawing	.....	.....	.....