

designated by a certain alphabetical letter. When the machine is set to proper angles and distances for a certain kind of work a record can readily be taken, printed blanks for which are furnished with the machine. In setting the machine for this particular work at any future time, it will only be necessary to refer to this record in order to get exactly the same distances and angles previously had. This renders it wholly unnecessary to have a lot of cumbersome patterns for marking. The seats can be bored in the same time that it requires to mark the seat for boring when the single bit boring machine is used.

All parts where adjustments are to be made are held firmly in place by bolts with hand nuts, no wrenches being required. The boring bit used in this machine has a straight $\frac{3}{8}$ -inch shank, and is held in place by a very simple device which holds the bit perfectly central and very firm, will never

mar the shank of the bit, and can be tightened or loosened instantly.

No skilled labor is required, as the machine is very simple to adjust and operate, the various parts being constructed so strong and perfect in every detail that very little attention from the operator is required.

It has power feed, which makes it an exceedingly easy machine to operate. This feed is under complete control of the operator at all times. It can be stopped at any part of the stroke desired. A heavy coil spring inside of column gives the boring spindles a very quick return, which makes it possible for the operator to handle the work very rapidly.

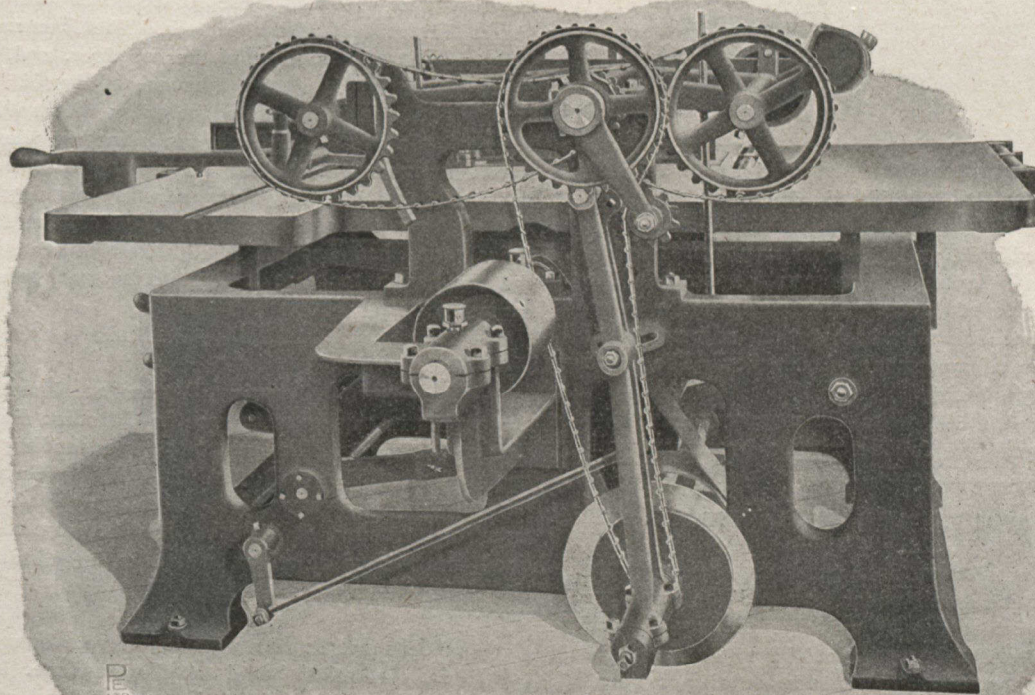
It has capacity to bore the four leg holes in 900 to 1,000 chair seats per hour. Tight and loose pulleys are 12 x 5 inches, and should run at 500 revolutions per minute. Floor space required for the machine is 4 x 6 feet. Weight of machine, 2,400 pounds.

NEW HEAVY SELF-FEEDING RIP SAW.

The new and improved No. 1 Heavy Self-feeding Rip Saw, built by the Goldie & McCulloch Company, Limited, of Galt, Ontario, embodies a number of improvements which go to make it one of the best machines of its kind now on the market.

It is cast in one piece strongly designed, insuring rigid alignment under all conditions.

The feed consists of one spur feeding in roll, one corrugated and one plain delivery roll with splitter. The rolls are driven with chain gear and any desired feed can be instantly obtained by adjustment of lever in front. The entire feed works is raised or lowered by lever in front and locked in any position. It can also be lifted out of the way and saw used as a hand rip. An adjustable spring is attached to feed



Goldie-McCulloch New Heavy Self-feeding Rip-saw.

The table is strongly ribbed and is provided with adjustable rollers running with the cut and returning material to saw. It is provided with an iron throat plate so that two or more saws can be used at the same time.

The fence has an improved self-locking device; by raising the handle it can be moved to any desired point on the scale where it is securely held by weight on lever.

roll bracket to prevent short pieces being thrown back from saw.

One saw is sent with machine. The arbor is steel and runs in self-oiling bearings.

The machine will rip 24-inch, or 29-inch, wide, will cut 9-inch, thick and will feed up to 200 feet per minute.

See page 12 for illustration of opposite side of machine.