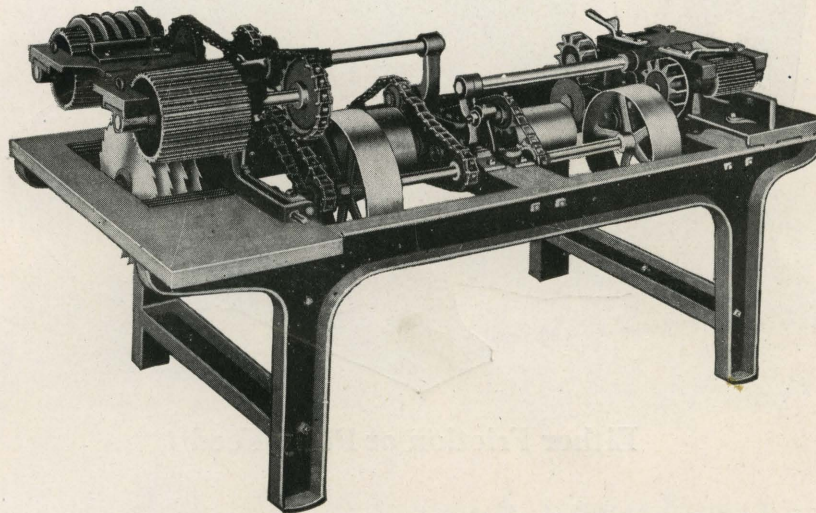


BULLETIN No. 61



Lath Machinery



Left Hand Bolter

Right Hand Lath Mill

Eureka Combined Lath Mill and Bolter or Picket Machine

The cut on this page illustrates our Improved Combined Iron Frame Lath Mill and Bolter or Picket Machine. By a slight change in collars the machine can be adapted to cut any kind of stock from $\frac{1}{2}$ to 4 square or other forms.

The bolter and lath mill are provided with upper and lower fluted chilled feed rolls in front and rear of saws, insuring a strong and positive feed of stock to saws. A wide deck or table is arranged conveniently to receive the bolts from the bolter, from which they are taken and passed through the lath mill. The capacity of the machine is from 40,000 to 60,000 perfect lath per day, if properly handled.

We also build the Lath Mill with Chain Drive same as on Bolter so that different thicknesses of stock can be made on lath mill end.

Notice the large feed rolls and table on Bolter end.

Specifications of Bolter—The bolter arbor pulley is 10" in diameter, 11" face. Proper motion, 1,800 revolutions per minute. The bolter feed pulley is 18" in diameter, $4\frac{1}{2}$ " face. Correct motion, 105 revolutions per minute. Saws 18" diameter.

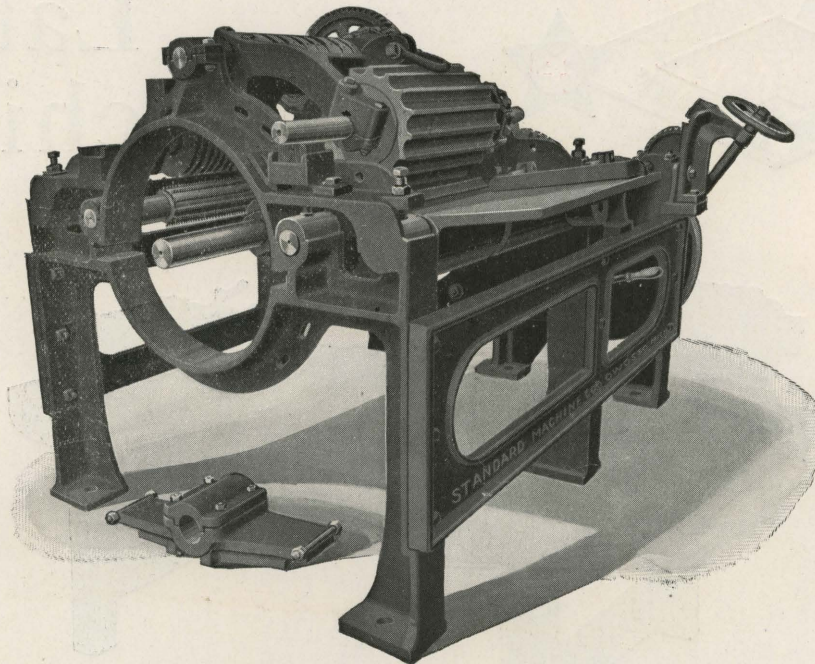
Specifications of Lath Mill—The lath mill arbor pulley is 7" in diameter, 9" face, and should be run at a speed of 2,600 to 3,000 revolutions per minute. The lath mill feed pulley is 14" diameter, $4\frac{1}{2}$ " face. Motion, 130 revolutions per minute. Saws 12" diameter.

Floor space for combined machine, 7' 6" long by 3' 6" wide.

When ordering, give hand of lath mill and bolter, and whether three or four saw machine is wanted.

Above Shows Double Machine—Bolter and Lath Mill Can be Furnished Separately if Desired

7-SAW GANG BOLTER



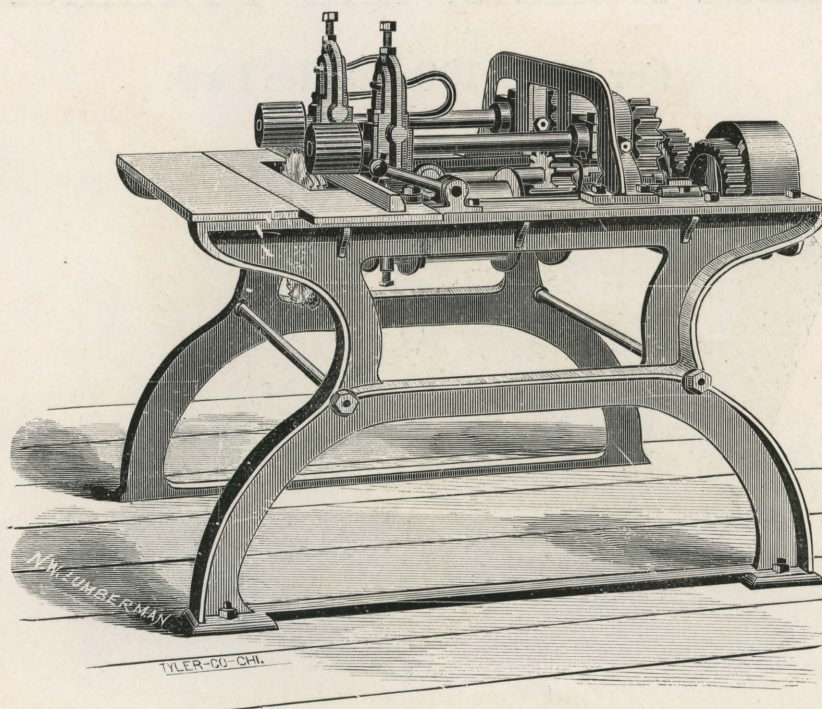
Either Friction or Pully Feed

The above cut represents our 7-saw gang bolter with variable friction feed, having the end bearing removed and front table tilted up to show the modus operandi in changing saws. This machine has a world-wide reputation with millmen, and is in general use throughout the States and Canada in some of our largest mills. It is the simplest, most efficient and durable machine that is on the market, having a capacity for working up all of the slabs, edgings and other mill refuse that the largest mill can furnish. Bolts for 100,000 lath per day is no uncommon output. It is built extra strong and heavy so as to stand the hard knocks to which such machines are subjected, and is conveniently arranged so as to change saws in the least possible space of time. The saw arbor is of hammered steel, three inches in diameter, and running in three self-oiling bearings, which always insures a

cool running arbor. Feed rollers are what is known as the inserted tooth roller, which can be refilled from time to time when occasion requires it. The front press roll or binder is a heavy one and driven. The rear press rolls are sectional so that each and every bolt has an independent press roll, making it entirely safe to operate. The feed is driven from end of arbor on to a large edge and face friction. The feed is variable, from zero, to 190 lineal feet per minute. We build these machines either friction or pulley feed as our customer requires. Outside of the feed works the machines are just alike. The above represents what we call a right hand mill; that is, the arbor pulley is on the right hand side of the operator.

Size of saws, 20"; number of saws, 7; floor space, 77 x 62"; weight, 3,350 pounds.

No. 1 LATH MILL



HAVING FOUR POWER FEED ROLLS
TWO ON TOP AND TWO BELOW

The machine above represents our right hand machine. We put them up either right or left hand; that is, the arbor pulley is on the right hand side. The Rodgers Pattern Lath Mill is known all over the world and is in use in all of our larger and better class of mills. This machine is considered by millmen to be the simplest, most efficient and durable that is on the market.

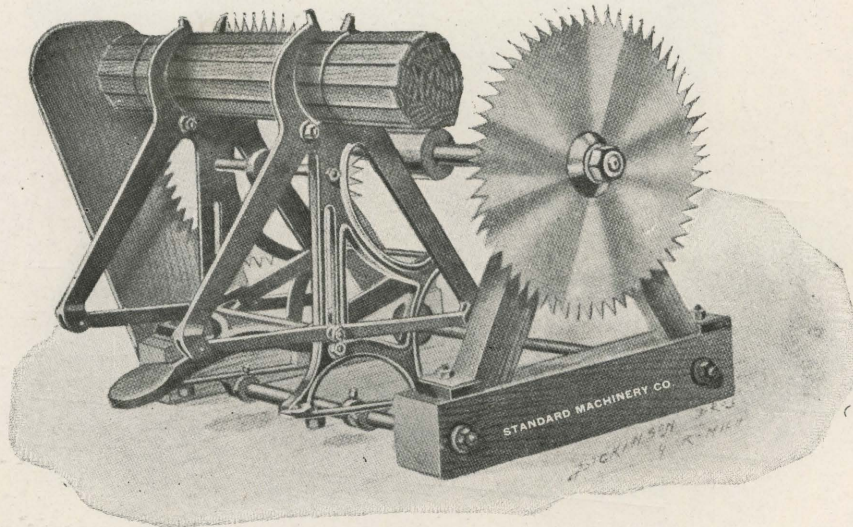
The gearing is strong and heavy, made for speed. The feed shaft is driven from the same countershaft that you drive the arbor, consequently no short belt. It has a capacity of 100,000 lath per day. The arbor is heavy, 2½" in diameter, and running in self-oiling boxes, consequently

always a cool running arbor. Arbor collars are large, some 9" in diameter. The saws are what are known as the rim saws, which will stand up against any feed that is put on to them. Feed rolls, both top and bottom, are large, and what are known as the inserted tooth roll, and can be refilled from time to time as the teeth become worn, with but very little expense.

Size of saws, 14"; number of saws, 3. Can be built to use 4 and 5 saws. Floor space required, 58 x 45". Weight, 1,400 pounds. We guarantee them in every sense of the word. If interested, write to us for prices and reference to some of your home lumbermen.

Adjustable Combination Lath Bundler and Trimmer

For 50 or 100 Bundle Lath



This is our latest and most improved Lath Bundler and Trimmer. With this machine the operator can tie and trim the bundles of lath with very little extra work by simply tilting the packing frame over from him, causing the bundle to pass between the saws, thereby trimming both ends in one movement. The lath being firmly held in the jaws of the binder, permits the saws to make a smooth, clean cut, which gives a nice appearance to the ends of the

bundle. We build this machine very heavily and substantially, the jaws being cast steel and adjustable for either 50 or 100 bundle lath. The arbor boxes are what are known as self-oiling boxes.

We also make this machine adjustable for bundling and trimming various lengths of lath.

Size of saws, 26" or 28". Floor space, 56 x 42". Weight, 400 pounds.

LUFKIN FOUNDRY & MACHINE COMPANY
LUFKIN, TEXAS