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BULLETIN No. 10

LUFKIN FOUNDRY & MACHINE COMPANY
LUFKIN

EDGERS

Lufkin Heavy Duty Edger

The following page illustrates our Lufkin Heavy Duty Edger, which is made from 48 inches in width up to 84 inches, and is suitable for 26 inch saws. The arrangement, number of saws, and width of edger arranged to suit purchaser.

As will be noted from the illustration this machine is of the very latest design and is built in the most simple and substantial manner. The frame is of the most rigid construction and is planed on the bottom to set on the floor. The main frames are cast in one piece so that the feed rolls, arbor and hanging shafts for press rolls are all in absolute alignment.

The arbor is 4 3/8 inches in diameter and carries collars 3 inches and 4 inches wide, as may be desired. The arbor pulley is web center turned all over and provided with false heads set in to keep out the dust. This pulley is made diameter and face to suit conditions. The usual pulleys are 16 inches diameter, 19 inches face. Ample room is given around the pulley for the belt. The arbor runs in water-cooled self-oiling journals, 4 inches diameter by 10 inches long. The machine is so constructed that the arbor can be taken out easily.

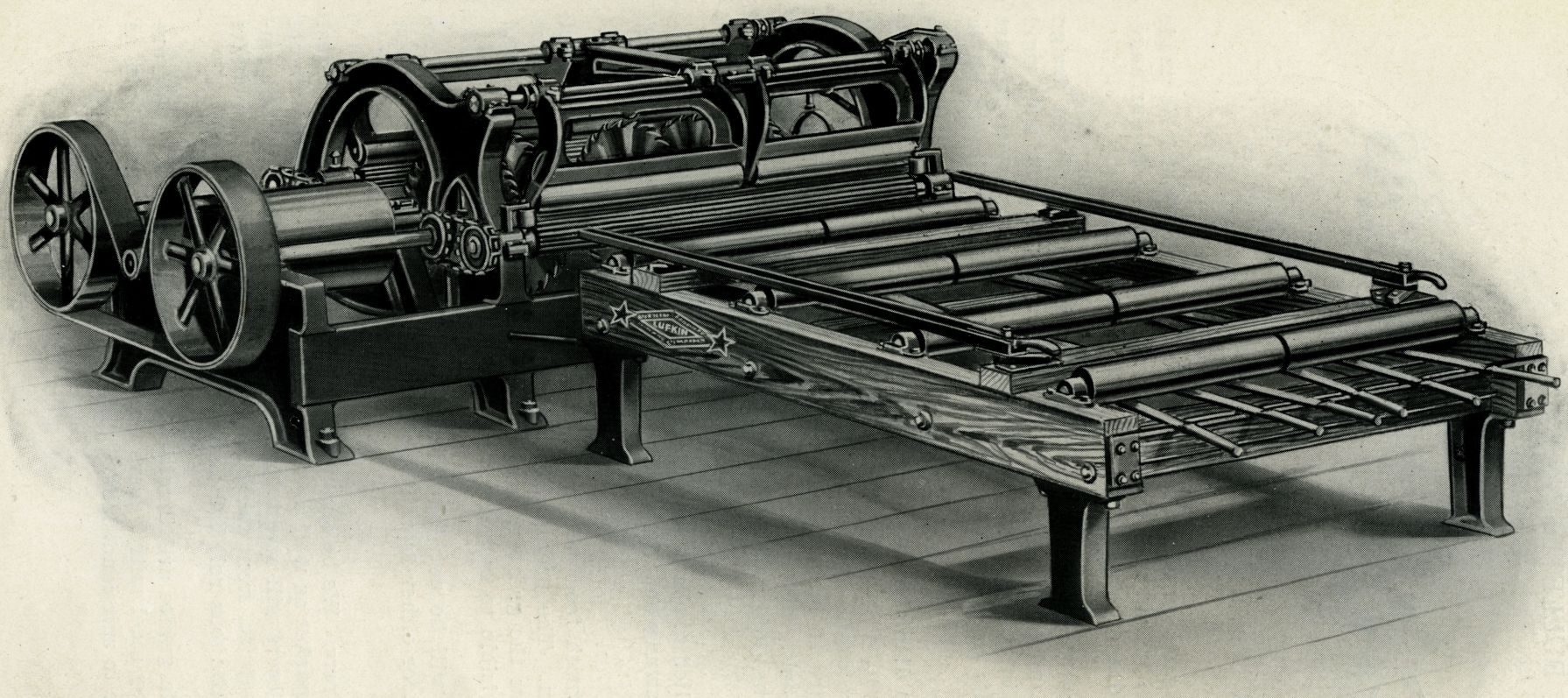
Particular attention is called to the construction of the new swinging bridge tree which is easily taken off and is swung out of the way and does not have to be "lifted" off the arbor, in changing same.

The machine has 4 saw tooth feed rolls which are 5 inches in diameter, made of solid steel with saw teeth set in. The press rolls are 6 inches in diameter, both front and back, and hung so as to give the greatest pressure in relation to the lower feed rolls. Note that all saws are visible to operator.

The feed pulleys are, as will be noted, provided with tightener, at the same time feed can be driven from lower floor either from line shaft or a special two feed friction rig if desired.

All saws are shifted by levers. We believe we have the most accurate and easiest operated shifting device on the market as well as having advantage of the most simple construction. All users of our edgers will attest this statement and make special emphasis on this feature. The rolls in front table are made to run loose on the shafts and as will be noted form a continuous roll bed across the edger.

Movable or stationary side guides are furnished as required. Back tables are arranged with live rolls driven by steel mitre gears or hook sprockets, and chain as may be desired. These are made to suit conditions.

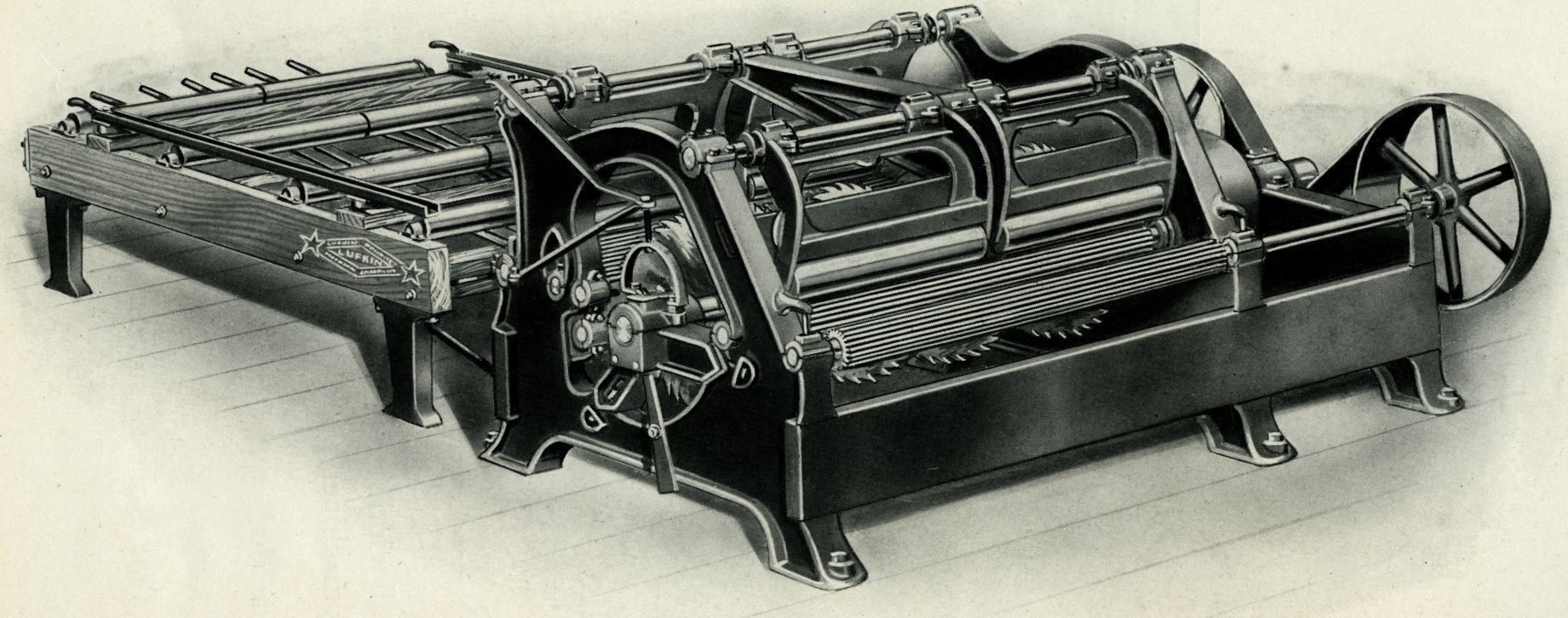


LUFKIN HEAVY DUTY EDGER

View of Pulley Side. Cut shows left hand

Suitable for 26" saws; made 48", 54", 60" 66", 72" and 84" wide; any number of saws; Arbor 4⅜" diameter; Pulley 16" or 18" diameter, 19" or 21" face, with false heads to keep out dust. Saws shifted by easiest and most accurate lever system. Four saw-tooth Feed Rolls, two in front and two in rear of saws; safety press rolls in front and heavy press rolls in rear; all saws in full view of operator.

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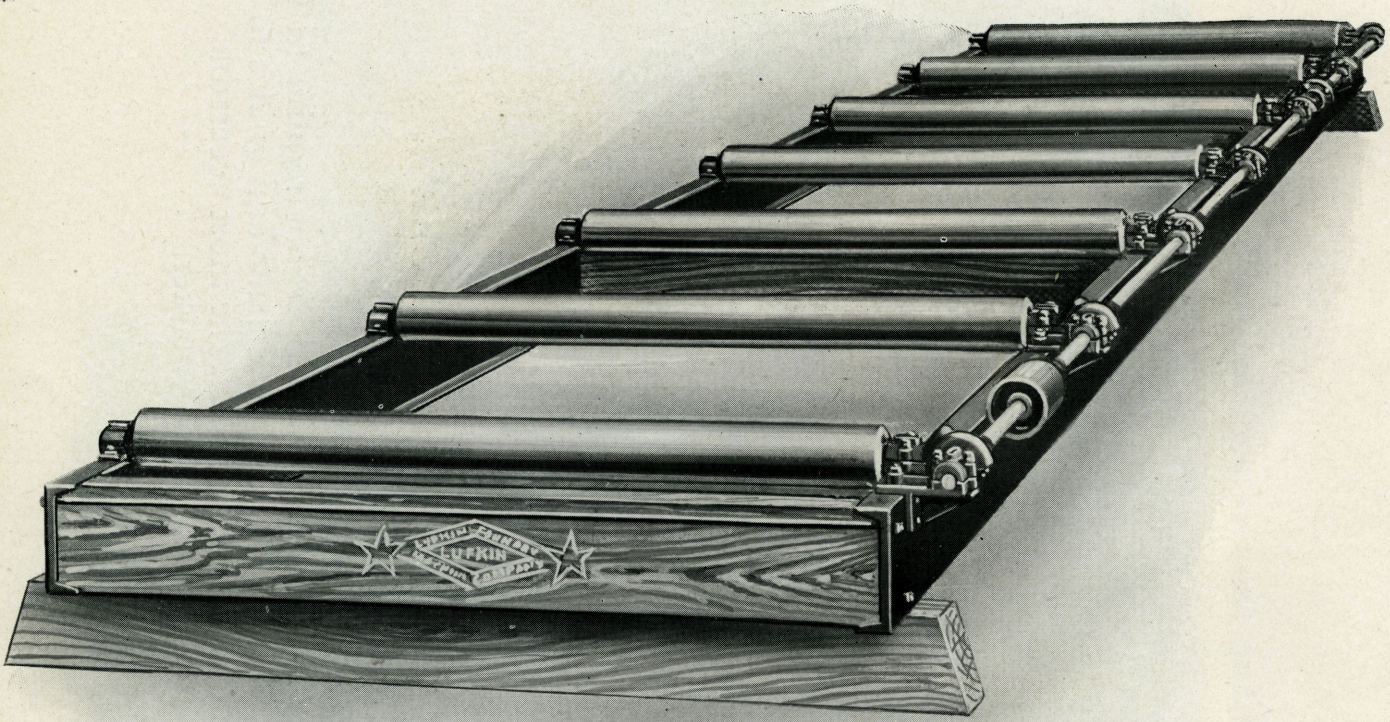
LUFKIN HEAVY DUTY EDGER

View of Bridgetree Side

Swinging bridgetree, made to swing to one side; does not require to be lifted off. Bridgetree is designed to allow saw guide shafts and guides to be taken out complete. This Edger is the most accessible of any machine on the market.

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REAR EDGER TABLE

We make these tables all widths and lengths to suit requirements—furnishing rolls and driving machinery, also table itself, if desired.

Rolls are driven by line shaft and steel gears or, if preferred, with hook sprockets and chain.

We make all sizes of Pipe Rolls to suit any requirements.