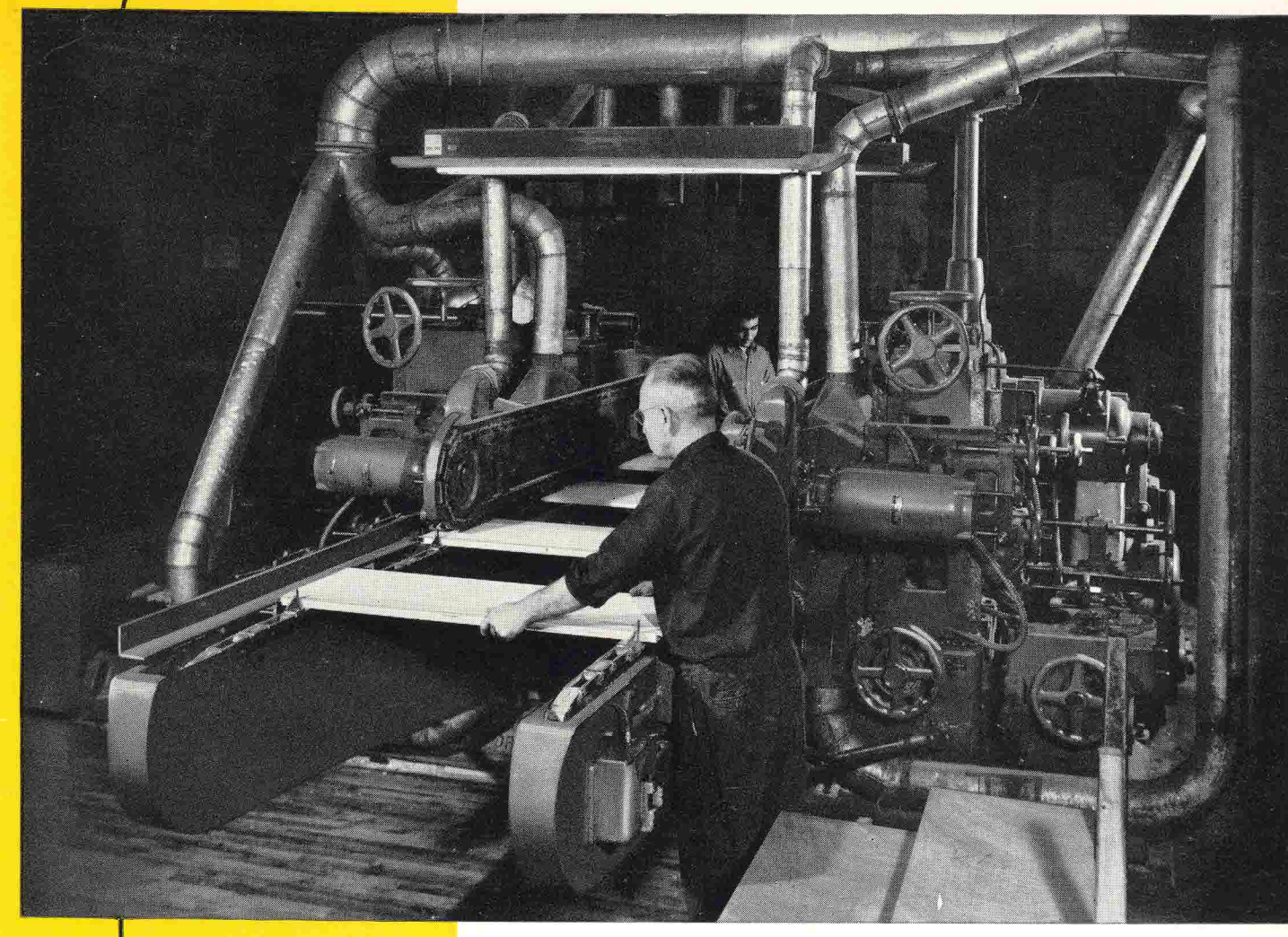

NO. 545 ★ DOUBLE-END TENONER

MACHINERY & TOOLS
GREENLEE

GREENLEE BROS. & CO., ROCKFORD, ILLINOIS, U. S. A.

SPECIFICATIONS

EQUIPMENT:

Standard equipment includes horizontal top and bottom tenoning units, tilting cut-off saws, and tilting cope units, all with 5-H.P., 3600 R.P.M. motors; a separate feed motor; a set of four 3¾" face or 1¾" face three-wing single tenon heads; two 12" cut-off saws; knife-setting stand, and special wrenches.

RANGE:

Standard No. 545 Double-End Tenoners are built in lengths having maximum distance between tenon shoulders of 48", 60", 78", 90", 120", 144", 168", and 192". Greater lengths can be furnished to order. Chain beams can be furnished with a range of 44", 60", 76", and 92". Five inches is regularly the minimum distance between tenon shoulders, but four inches can be had if needed at extra cost.

CUT-OFF SAWS:

Motor spindles are regularly $1^{15}/_{16}$" diameter, reduced to 1¼" for saws. Vertical adjustment of 8" and horizontal adjustment of 8" is provided. Units can be tilted to 45 degrees up or down, with 65 degrees available if required. Units will cut to 4½" with 12" saws. Standard motors are 5-H.P., 3600 R.P.M., but 7½, 10, or 15-H.P. motors can also be supplied.

TENONING UNITS:

Spindles are $1^{15}/_{16}$" diameter. Top unit has 7" vertical and 7" horizontal adjustments, and if arranged for tilting, will tilt up at motor end 22½ degrees and down 8 degrees. Bottom tenoning unit has 3" vertical and 7" horizontal adjustments, and can be arranged to tilt up 22½ degrees and down 8 degrees at motor end. Standard 5-H.P. motors handle 8" diameter, 1¾" or 3¾" face single heads, or 7½" face double heads. Motors of 7½ or 10-H.P. can also be specified. The 10-H.P. motors require 8½" diameter heads.

COPE UNITS:

Cope spindles are $1^{15}/_{16}$" diameter, reduced to 1¼" diameter for heads, and have 5" space under nuts. One each ½", 1", and 1½" thick by $2^{15}/_{16}$" diameter collars are included.

The units have 6" vertical and 8" horizontal adjustment ranges. Equipped with 5 or 7½-H.P. motors, they will tilt 45 degrees toward the chain beams and 15 degrees away, though special tilting adjustments up to 65 degrees can be arranged. Variations in tilting adjustments will be found under certain conditions, so data should be obtained from us for particular operating conditions.

Minimum distance from spindle center to edge of chain is 4" with 5 and 7½-H.P. motors, 4½" with 10 and 15-H.P. motors, and 6½" with 20 and 25-H.P. motors. Standard motors are 5-H.P., but any of the sizes mentioned may be specified.

WEIGHTS AND DIMENSIONS:

Net weight of standard machine	14,800 to 17,400 lbs.
Weight boxed for export	17,500 to 21,500 lbs.
Measure boxed for export	620 to 1190 cu. ft.
Width of floor space required	from 10 ft. 10 in. to 16 ft. 10 in.
Depth of floor space required	from 10 ft. 10½ in. to 16 ft. 2½ in.

CODE WORDS:

48" x 44" machine	GYPUP
60" x 44" machine	GYRAL
78" x 44" machine	GYPON
90" x 44" machine	GYREM
120" x 44" machine	GYRIN
144" x 44" machine	GYROP
168" x 44" machine	GYPEL
192" x 44" machine	GYPIM
Add for 60" width	GYRYT
Add for 76" width	GYSAN
Add for 92" width	GYSEP