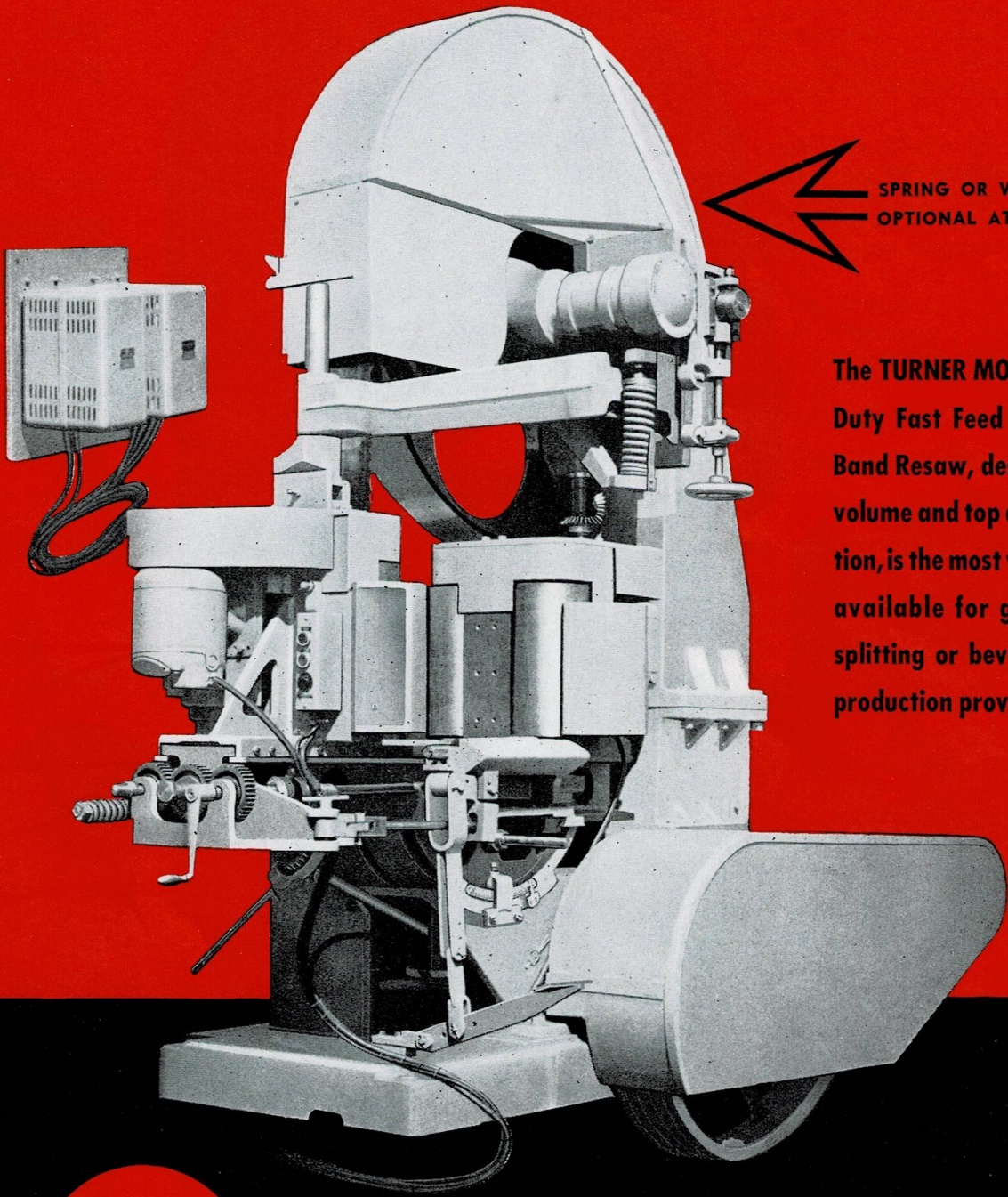


Turner MODEL "E"

FAST FEED SINGLE BAND RESAW

Self-Centering



← SPRING OR WEIGHTED STRAIN
OPTIONAL AT NO CHARGE

The TURNER MODEL "E" Heavy Duty Fast Feed Precision-built Band Resaw, designed for high volume and top quality production, is the most versatile resaw available for gauge, center-splitting or bevel resawing... production proven.

Turner MACHINERY COMPANY
100 BRANNAN STREET, SAN FRANCISCO 7, CALIFORNIA
CABLE ADDRESS: TURMACH, SAN FRANCISCO 7, CALIFORNIA

LEADING MANUFACTURERS OF BANDSAWING EQUIPMENT

DESIGNED FOR VOLUME PRODUCTION



ADAPTED TO MODERN REQUIREMENTS

All cast, heavy duty balanced wheels.

Sensitive saw strain.

Heavy duty, all cast construction.

Self-centering, or "center sawing" absolutely accurate, with no sniping.

Simple-to-service design.

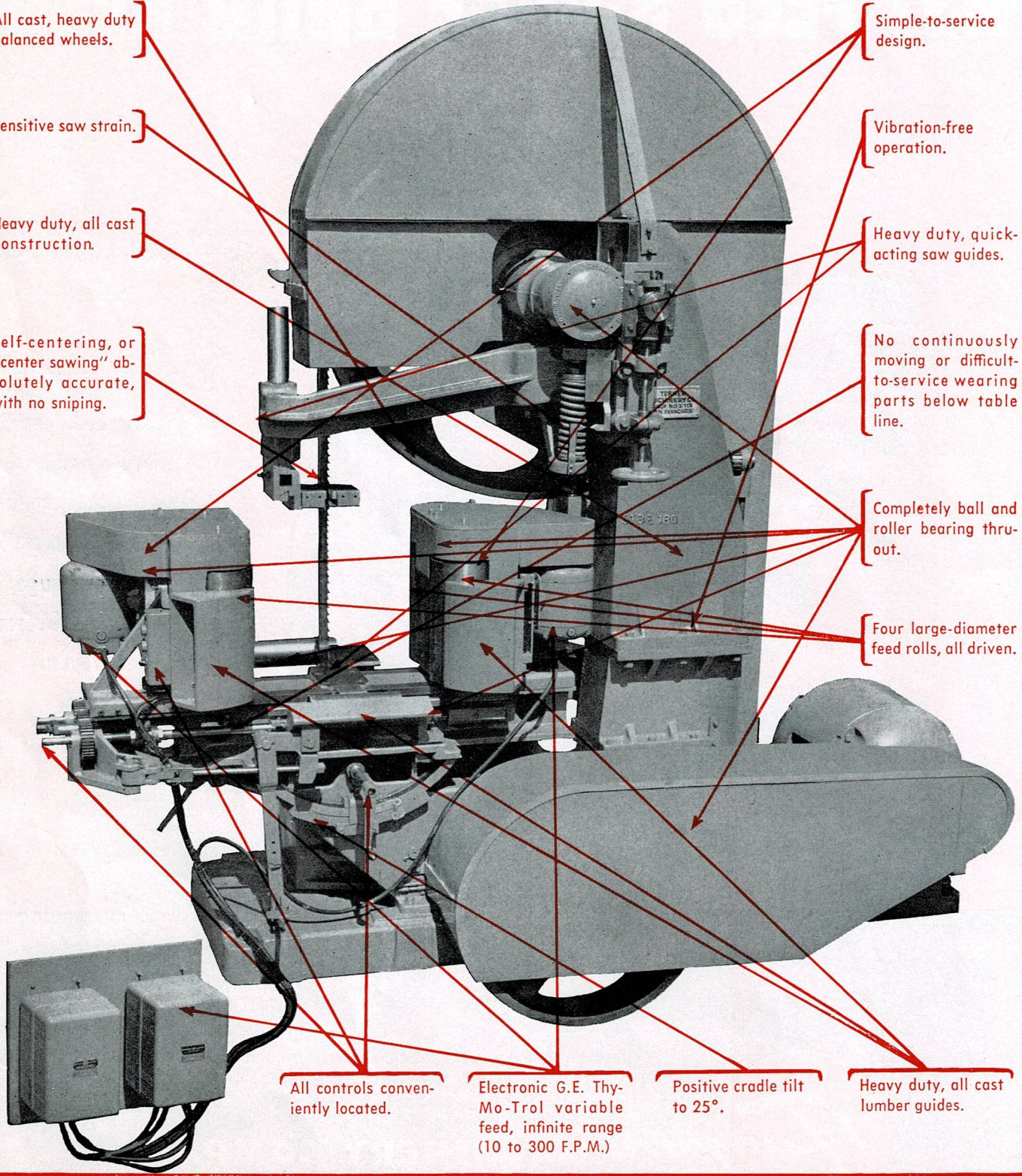
Vibration-free operation.

Heavy duty, quick-acting saw guides.

No continuously moving or difficult-to-service wearing parts below table line.

Completely ball and roller bearing thru-out.

Four large-diameter feed rolls, all driven.



All controls conveniently located.

Electronic G.E. Thy-Mo-Trol variable feed, infinite range (10 to 300 F.P.M.)

Positive cradle tilt to 25°.

Heavy duty, all cast lumber guides.

REFER TO SPECIFICATIONS ON PAGE FOUR

Precision Built

**Minimum
Wearing Parts**

**Easy
to Service**

**Massive
Construction**

Purpose

Wheel Shafts

Feed

**Self
Centering**

**Minimum
Floor Space**

**Short Wheel
Centers**

Saw Tension

The TURNER Band Resaws are built under the strictest supervision and are precision-built machines. With ordinary care they give many years of real service with the least amount of replacements or annoyances from breakdowns.

The TURNER Band Resaws have fewer wearing parts than any other Resaw. The parts which ordinarily require replacement are standard and used by leading manufacturers in building their various lines of specialized machinery. Replacement parts are readily obtainable from practically every machinery supply house or hardware store. This is an insurance against unnecessary delays guaranteed to users of TURNER Band Resaws.

The TURNER Model E has been design engineered to carry out this easy-to-service principle. All continuously moving and wearing parts in the feed roll drive are located at the top of the feed rolls and it is only necessary to remove four hex nuts and pull off the cap to determine condition, or should replacement be required at some distant future date.

The base is extremely well ribbed for rigidity to support the column, which is a heavy, one-piece box casting with 13" wide dovetail ways that carry the top wheel mechanism. The upper and lower spindles are extra large (see illustration) to prevent the slightest distortion or misalignment when saws are under severe strain. The spindles in turn are carried in large over-size roller bearings lubricated by pressure grease, thus insuring long life.

The TURNER Model E Self-Centering Resaws are especially designed for use in any remanufacturing operation, and for any species of lumber, within the capacity and range of the resaws of the 42", 48" and 52" sizes. This includes, among others, planing mills, box factories, retail lumber yards, furniture plants, moulding plants, etc. Outside infeed roll is spring loaded and independently yielding.

The wheel shafts are ground fits and are mounted in large, over-size roller bearings, which are enclosed in dust-proof housings.

Positive feed to and from the cut is provided by four 7½" diameter rolls, electronically driven, utilizing G.E. Thy-Mo-Trol drive. This permits quick, instantaneous rate-of-feed change from 10 to 300 F.P.M., with the control being conveniently located on the feed roll housing, or at a location more convenient to the operator. The machine comes completely equipped with two DC motors and AC-DC converter for operation on 220 volt, 60 cycle, 1 phase current. This drive permits sawing any type of lumber at the rate of feed most consistent with good quality and top volume.

The table tilts to 25° and is readily adjustable to provide for either bevel or straight resawing. Optional 35° or 45°.

The transmission of power from the DC motor to the feed rolls is accomplished by deep groove sheaves, one mounted on the motor arbor and one mounted on a shaft on which is also mounted a spur gear. This spur gear then drives the feed roll gears (one for each roll).

The self-centering mechanism permits yielding of the rolls up to 1½" on either side of the saw line or when slab sawing will permit yielding of the outside rolls to 1½". The lever operating the self-centering mechanism is conveniently located on the outside or left-hand side of the feed table for simple service and has been especially engineered to provide long, trouble-free operation.

The drive motor is mounted directly behind the upright column and drives to the lower wheel shaft by a V-Belt Drive. The entire machine is self-contained and requires little floor space.

The TURNER Single Resaw is designed to use the shortest possible saws, and is so constructed that the stock is passed through the saw as near the top wheel as conveniently possible, thereby insuring rapid rates of feed plus accurately manufactured stock. The flutter and chatter which are common to many band Resaws are largely eliminated.

The saw tension device is a combination fulcrum and spring which is exceedingly sensitive.

MODEL "E" SPECIFICATIONS

WHEELS

	E-42	E-48	E-52
Diameter - - - - -	42"	48"	52"
Face - - - - -	4 1/4"	5 1/2"	6 3/8"

BEARINGS - - - - - Ball and roller bearing throughout

MAIN DRIVE

V-Belt to provide suggested saw travel of -	7950 f.p.m.	7775 f.p.m.	7450 f.p.m.
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MOTOR

Standard - - - - -	25 h.p.	40 h.p.	50 h.p.
Optional - - - - -	30 or 40 h.p.	50 h.p.	60 or 75 h.p.

FEED ROLLS - - - - - All driven, all ball-bearing, sealed and lubricated for life.

Diameter - - - - -	7 1/2"	7 1/2"	7 1/2"
Height - - - - -	13"	13"	15"
Opening inside of saw line - -	4"*	6"*	10"*
Opening outside of saw line -	8 1/2"	9"	11 1/4"

*Self-centering additional yield 1/4" each side of saw line

When slab-sawing outside rolls yield 1/4".

Maximum clearance under top guide - - - - -	22"	24"	26"
Feed Table Tilt - - - - -	25°*	25°*	25°*

*35° or 45° Optional at Extra Cost

Drive - - - - - G.E. Thy-Mo-Trol electronic drive, infinite range, 10 to 300 f.p.m.—instantaneous change with machine running or stopped. Instant "stop" or "start" under load. Two DC motors mounted one on each roll housing slide.

SAW BLADES

Length Recommended - - -	21' 6"	23' 6"	26'
Width of Blade - - - - -	5"	6"	7"
Gauge - - - - -	19 to 23	18 to 21	18 to 20

BASE

(Approximate)	6' 13/16" W	8' W	8' W
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