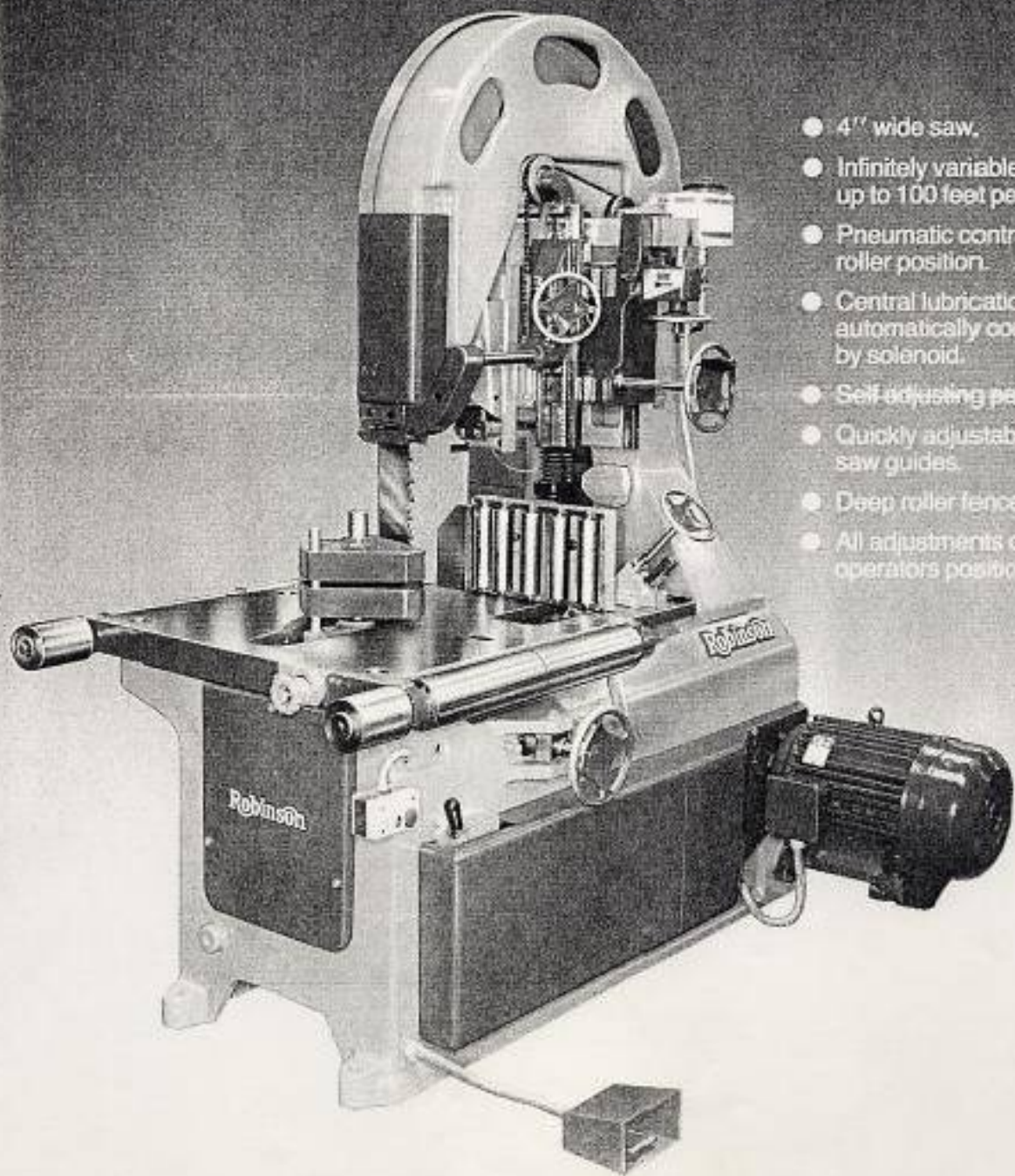


THE ROBINSON 36" VERTICAL BAND RE-SAW TYPE EF/T



- 4" wide saw.
- Infinitely variable feed speed up to 100 feet per minute.
- Pneumatic control of vertical feed roller position.
- Central lubrication system automatically controlled by solenoid.
- Self-adjusting pads and scrapers.
- Quickly adjustable pressure saw guides.
- Deep roller fence.
- All adjustments carried out from operators position.

Vertical Band Re-saw

Type EF/T—EF/C/T—EF/L/T

Features

MAIN FRAME

Substantial casting forms rigid base to ensure smooth accurate sawing at high feed speed.

TABLE

Cast iron, accurately machined and carried at a convenient working height. Sectional anti-friction rollers fitted to front and rear. Neatly fitted to main frame to ensure dust tight joint.

SAW WHEELS

High duty cast iron. Machined all over, crowned on the face and balanced. Roller bearing provide rigid support on saw strain line.

GUARDS

Easily removed or swung away for changing saws. Enclosed top and bottom saw wheels and portion of saw not cutting.

SAW GUIDES

Top and bottom pressure guides with integral setting gauges to give correct saw offset for accurate sawing. Top guide is vertically adjustable and counter balanced.

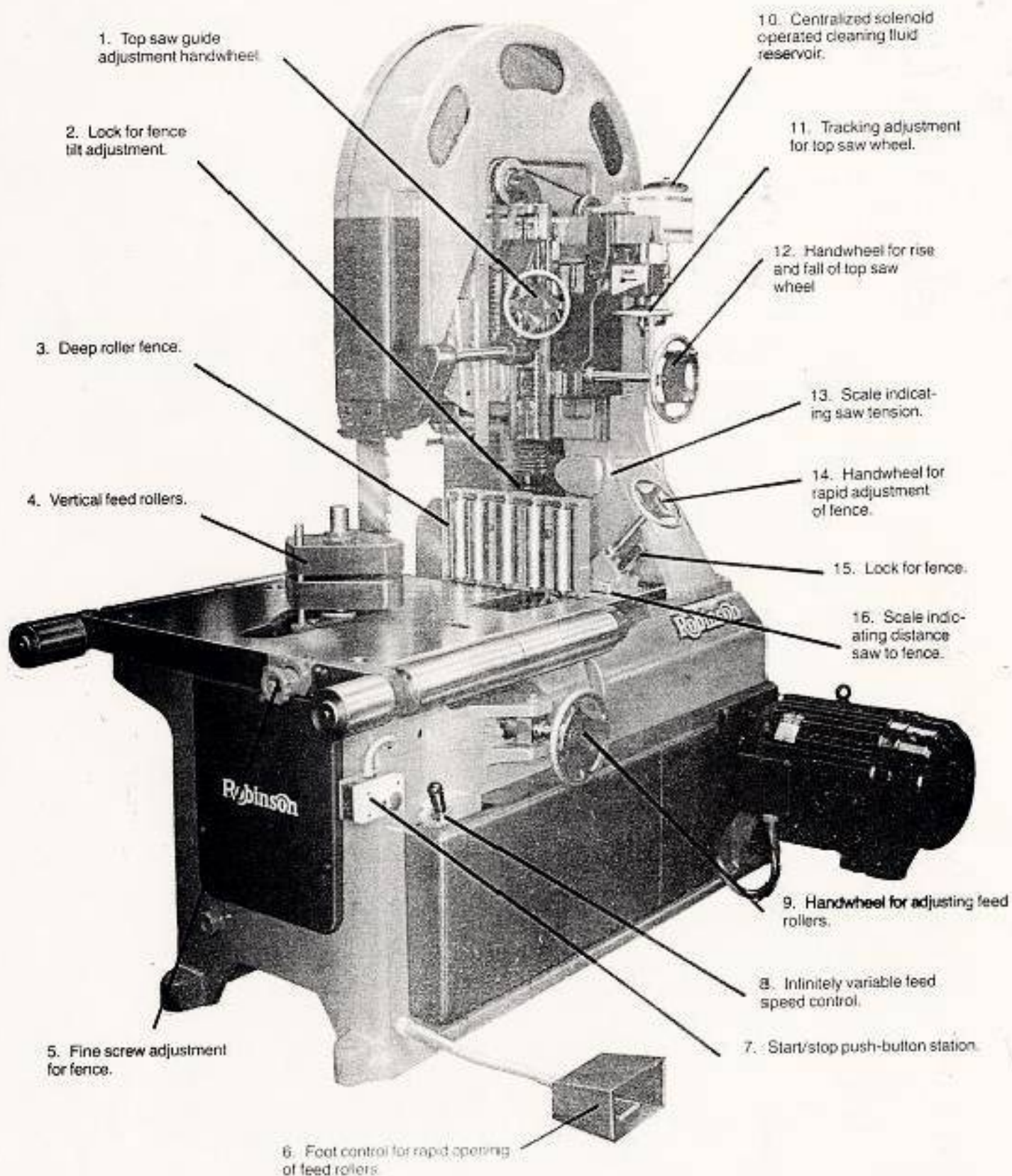
CLEANING DEVICES

Scrapers and felt pads on each wheel. Central solenoid controlled reservoir supplies fluid to both wheels and saw. The top wheel scraper and pad maintain constant relationship with wheel even when tilted for tracking. Deflector prevents splinters dropping between saw and bottom wheel.

THE SAW TENSION

Applied by sensitive but powerful coil spring. Tension indicated by pointer and scale conveniently positioned. Top wheel provided with sensitive hand-wheel controlled tilting adjustment for saw tracking.

All operator controls — easily reached



1. Top saw guide adjustment handwheel

2. Lock for fence tilt adjustment

3. Deep roller fence

4. Vertical feed rollers

5. Fine screw adjustment for fence

6. Foot control for rapid opening of feed rollers

10. Centralized solenoid operated cleaning fluid reservoir

11. Tracking adjustment for top saw wheel

12. Handwheel for rise and fall of top saw wheel

13. Scale indicating saw tension

14. Handwheel for rapid adjustment of fence

15. Lock for fence

16. Scale indicating distance saw to fence

9. Handwheel for adjusting feed rollers

8. Infinitely variable feed speed control

7. Start/stop push-button station

VERTICAL FEED ROLLERS

Two 8" (203mm) diameter fluted rollers and guards. Driven from main motor via infinitely variable unit or 4-speed step cone pulley unit. Conveniently placed hand wheel quickly adjusts position of feed rollers in relation to saw.

Foot pedal provides rapid opening of the feed rollers when starting the cut. Tension to the radial arm may be by spring or pneumatically operated. Feed rollers easily adjusted vertically on shaft.

Rubber feed rollers available for bevel sawing or when sawing planed timber.

Rollers and shaft can be quickly removed for flat cutting.

FENCE

Carries deep rollers suitable for all timber sections.

Fitted with sealed for life ball bearings.

Will tilt up to 45° for bevel sawing.

Quick acting lateral adjustment by rack and pinion.

Distance from saw indicated by scale and pointer.

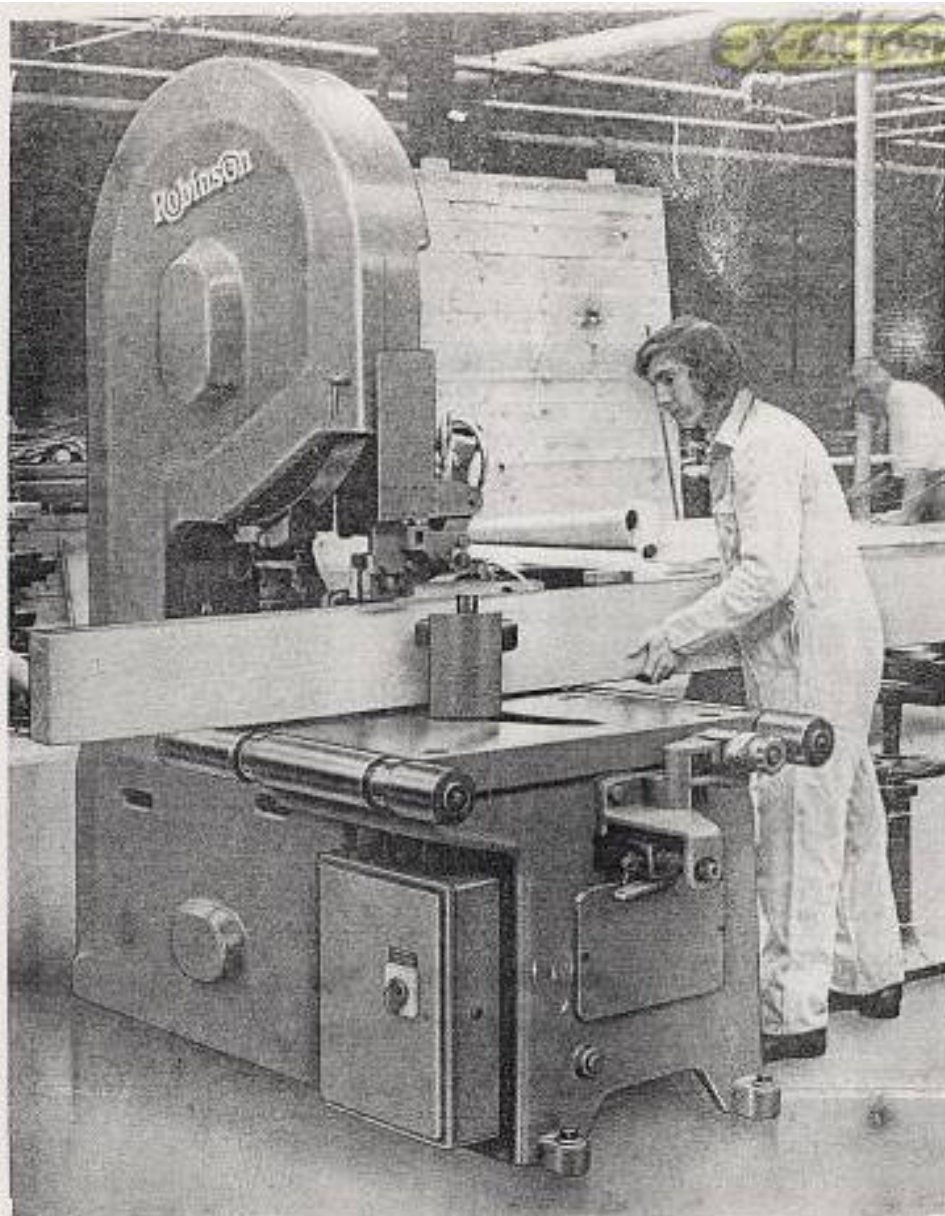
Screw adjustment for fine setting.

DRIVE

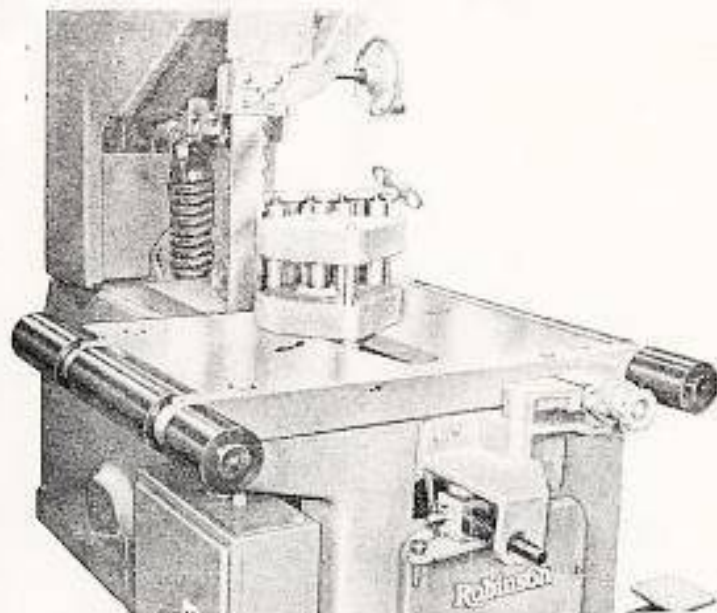
Bottom saw wheel driven from totally enclosed fan cooled motor mounted on main frame.

Variable speed unit driven from bottom saw wheel spindle.

4-speed step-cone pulley unit driven by separate motor.

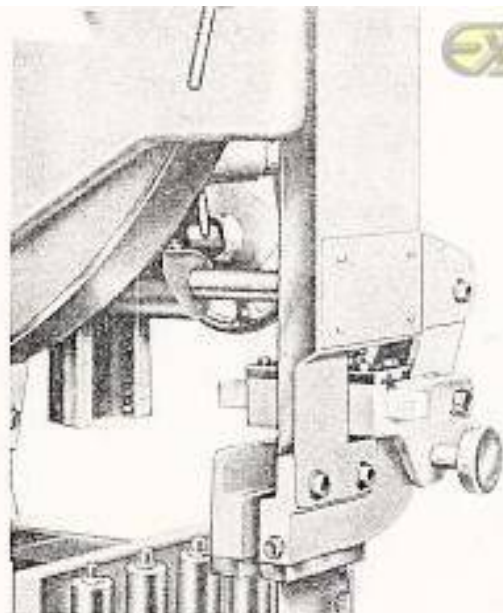


EF/T with Self Centring Attachment



SELF CENTERING ATTACHMENT

Enables centre sawing to be accomplished.
Quickly and easily brought into operation.
Spring pressure ensures good response of the self centering arrangement to thickness variation.

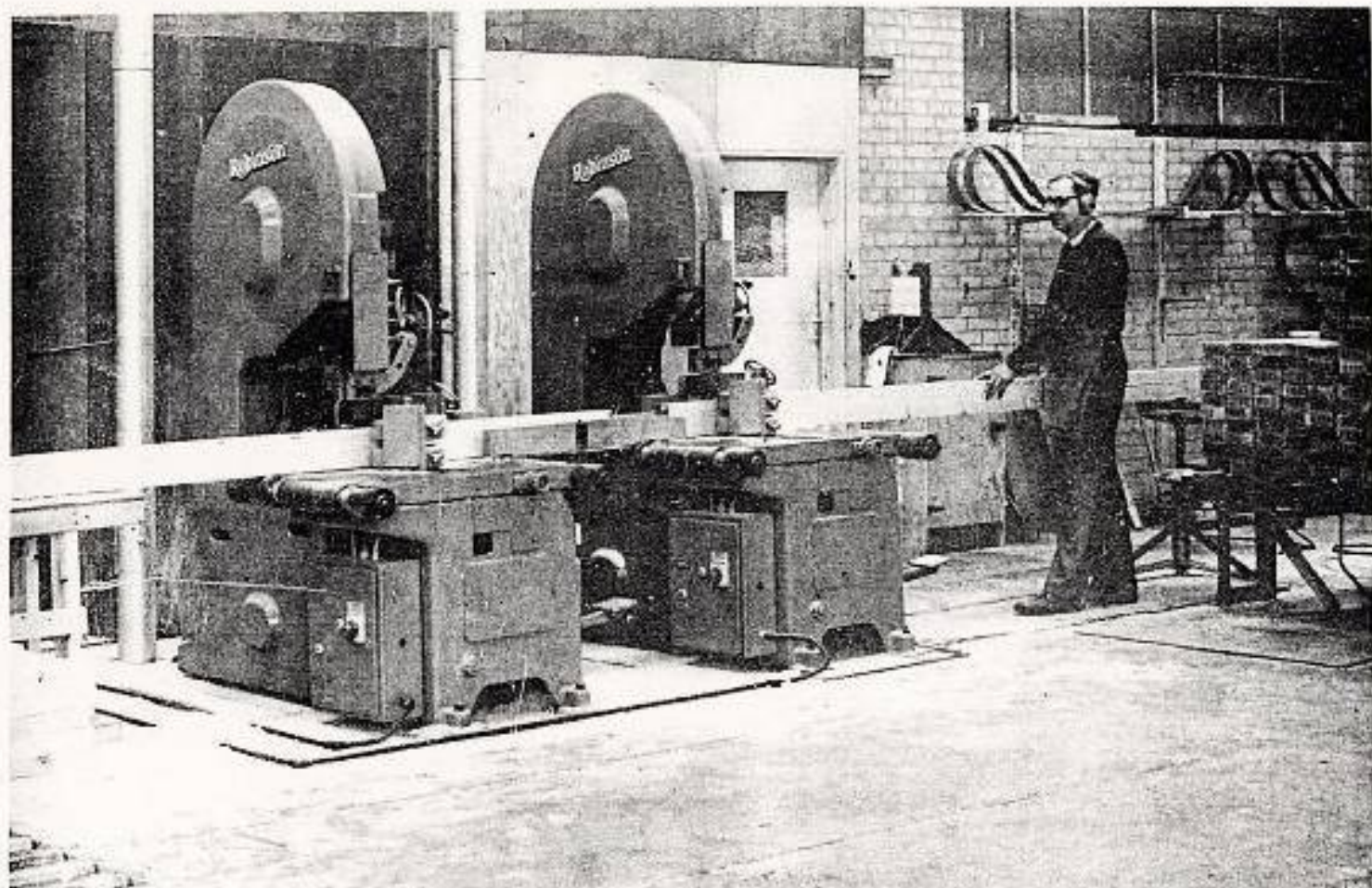


X-FACTORY

SAW TRUING DEVICE

Mounted on top saw guide bracket.
Provided with fine abrasive stones to operate on each side of saw teeth.
Stones have independent horizontal setting relative to saw teeth.
Coupled horizontal adjustments towards or from saw teeth.

36" Band Re-Saw Type EF/T TWINLINER



Principal dimensions



	EF/T		EF/C/T		EF/L/T	
Dia. saw pulleys	36 in.	914 mm	36 in.	914 mm	36 in.	914mm
Width of saw wheels	3¼ in.	85 mm	3¼ in.	95mm	3¼ in.	95 mm
Max. width of saw	4 in.	102 mm	4 in.	102 mm	4 in.	102mm
Max. length of saw	18 ft. 6in.	5m63	18 ft. 6in.	5m63	18 ft. 6in.	5m63
Min. length of saw	18 ft. 0 in.	5m49	18 ft. 0 in.	5m49	18ft. 0 in.	5m49
Max. height under top saw guide	18 in.	405 mm	10 in.	254 mm	13½ in.	343 mm
Max. distance saw to fence	9 in.	229 mm	4 in.	102 mm	10 in.	254 mm
Max. distance saw to feed rollers	9 in.	229 mm	4 in.	102 mm	—	—
Width of table at rear of saw	—	—	—	—	8 in.	203 mm
Width of table at front of saw	—	—	—	—	18 in.	457 mm
Feed speeds	0-100fpm	0-33mpm	0-185fpm	59mpm	0-100fpm	0-33mpm
H.P. of main drive motor	15 H.P.		25 H.P.		25 H.P.	
Overall height of machine from floor	7 ft. 3in.	2m210	7 ft. 3in.	2m210	7 ft. 3 in.	2m210
Space occupied length	5 ft. 2 in.	1m575	5 ft. 2 in.	1m575	19 ft. 0 in.	5m755
width	7 ft. 0 in.	2m134	7 ft. 0 in.	2m134	7 ft. 0 in.	2m134