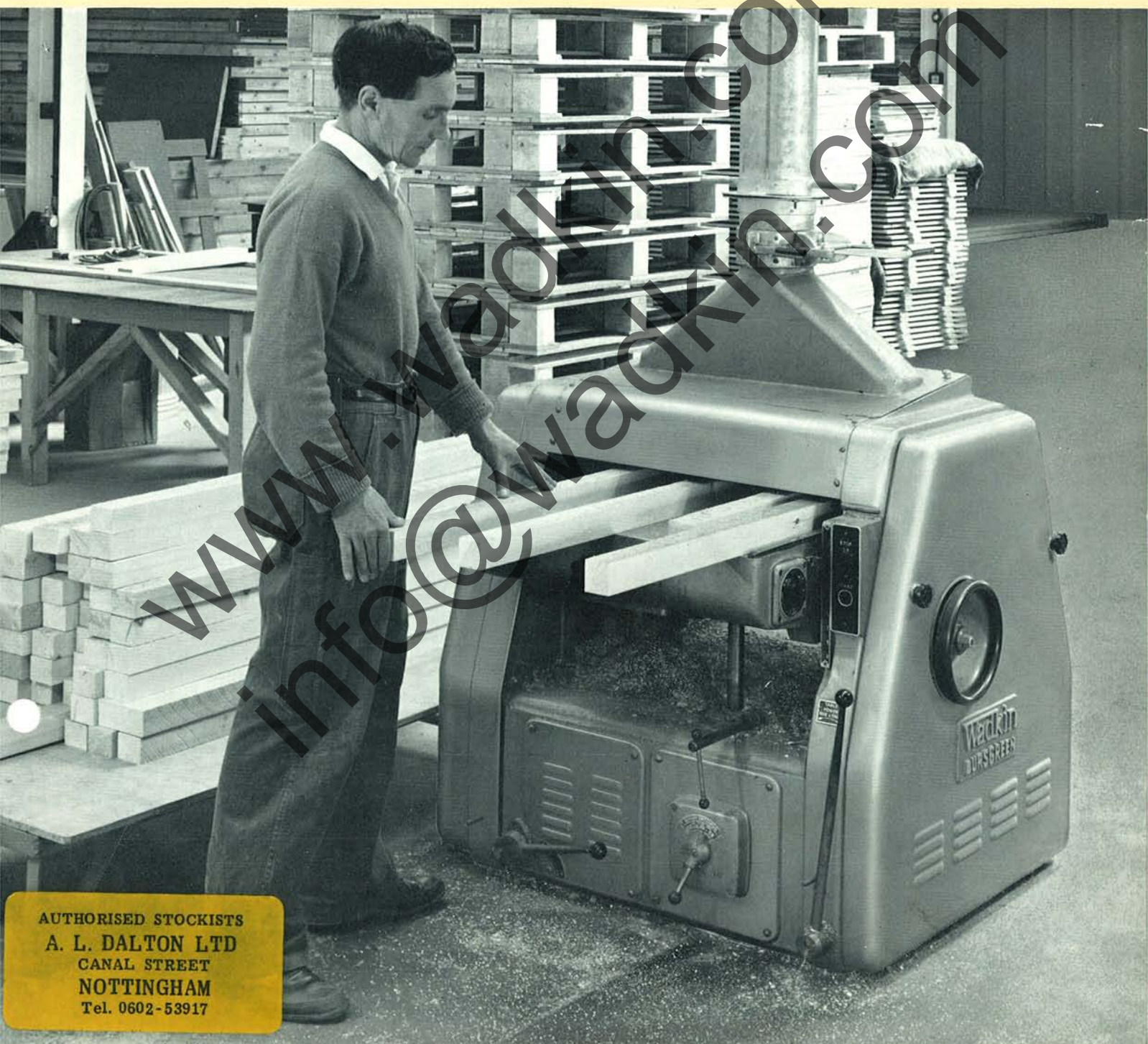




Roller Feed Planer & Thicknesser 24" BAO 600

(British Standard Classification 12.212)

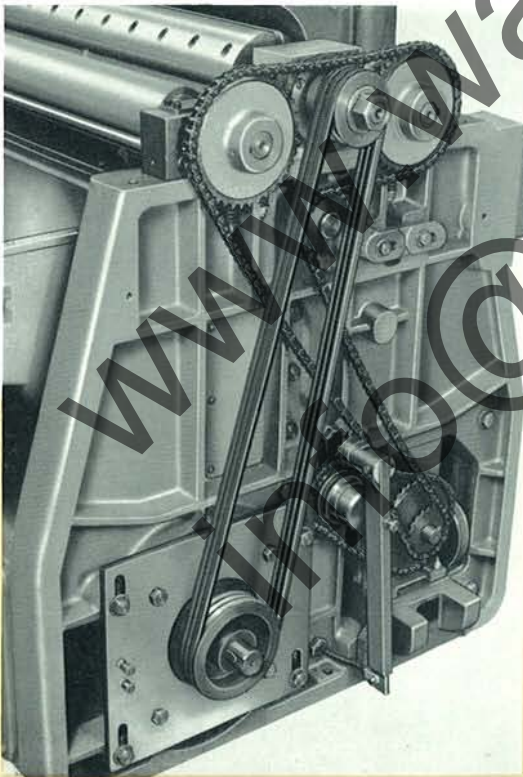


AUTHORISED STOCKISTS
A. L. DALTON LTD
CANAL STREET
NOTTINGHAM
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Roller Feed Planer and Thicknesser 24" BAO 600

Whilst the basic principles of this new thicknesser remain essentially unchanged its efficiency and accuracy are incomparably better than older machines of this type. Faster speeds, maximum rigidity and more operating advantages are characteristics of this new model. Power rise and fall to the table saves the operator time and labour where frequent changes of thickness are required. Convenient selection of feed speeds, rapid adjustment of table roller permit hard or soft, wet or dry timber to be planed with equal facility. The streamline main frame not only stamps it as a high grade modern machine but provides complete protection to all working mechanism ensuring minimum wear - reduced maintenance and a long and profitable working life.



Side cover is quickly detached for access to the driving mechanism.



Cover hinges back giving convenient access to cutterblock and feed rolls.



- 1 Efficient chip exhaust with hinged cover for convenient access to cutterblock and feed rolls.
- 2 Ballbearing mounted 5" diameter cutterblock with two or three knives running at 4,500 r.p.m.
- 3 Pressure bars both sides of cutterblock hold timber firmly to table whilst being planed.
- 4 3" diameter spirally fluted infeed roll for smooth positive traction.
- 5 Plain outfeed roll fitted with scraper bar to prevent marking of planed work by loose chips.
- 6 Completely enclosed mechanism for minimum wear and maintenance.
- 7 Deep section table with precision ground surface rigidly mounted on slides.
- 8 Anti friction rollers in table quickly adjustable in relation to table surface by one handwheel.
- 9 Power rise and fall to table with final adjustment to clearly readable scale, by handwheel.
- 10 Separate drives to cutterblock and feed from totally enclosed motors.
- 11 Rates of feed from 20 to 60 feet per minute, each instantly selected.
- 12 Feed motor interlocked to prevent feed operating when cutterblock is not running.

Roller Feed Planer & Thicknesser 24" BAO 600

CONSTRUCTION

THE MAIN FRAME is strongly built to eliminate vibration, and provided with large base area for stability. All working mechanisms are completely enclosed, and frame fitted with large panels for easy access.

THE CUTTERBLOCK is of high quality steel, dynamically balanced and ball bearing mounted to give ideal cutting qualities. It is of the two knife circular type, a three knife cutterblock can be supplied.

THE TABLE is accurately machined and mounted on slides. It can be power raised or lowered by conveniently placed lever and final adjustments made by handwheel. Table raising screws are fitted with anti friction ball thrust washers to give smooth and easy rise and fall motion. Two anti friction table rollers give smooth feeding, and can be adjusted to suit individual requirements by a handwheel at the infeed end of the table. Direct reading scale indicates exact thickness at which machine is planing.

THE FEED is by two power driven feed rollers. The infeed roller is spirally serrated for grip, and the outfeed roller plain to prevent marking of planed stock. Drive to rollers is by chain from a two speed motor and reduction gearbox giving rates of 20 to 60 ft. per minute. The whole feed unit is completely enclosed within the base. The front and rear pressure bars are fitted for holding thin sections of timber firmly to the table whilst being planed. Sectional front feed roller and sectional front pressure bar can be fitted to order.

THE DRIVE. The cutterblock is driven by a totally enclosed fan cooled motor, completely enclosed in the base of the machine and controlled by push button 'direct on' contactor starter with no-volt and overload releases. The push button controls are within easy access of the operator. Feed works are driven by independent two speed squirrel cage motor also completely enclosed in the base of the machine and controlled by rotary switch with fast, slow and stop positions clearly marked. Feed motor switch is interlocked with cutterblock starter ensuring that feed cannot operate except when cutterblock is running. Isolating switch can be provided.

SPECIFICATION

Capacity of machine	24" x 9"	600 x 230 mm.
Length of thickening table	44"	1120 mm.
Feed speeds per minute	20 to 60 ft.	6 to 18 m.
Speed of motor: 50 cycles	3,000 r.p.m.	
60 cycles	3,600 r.p.m.	
Speed of cutterblock	4,500 r.p.m.	
Diameter of cutting circle	5"	127 mm.
H.P. of cutterblock motor	7½	7½
Approximate floor space	46" x 43"	1170 x 1100 mm.
Approximate net weight	2160 lb.	980 kg.
Approximate gross weight	2460 lb.	1115 kg.
Shipping dimensions	66 cu. ft.	1.9 m ³ .

Details included with machine: Motor and control gear, cutter setting gauge, one pair HSS planing knives, key for cutterblock, tin of lubricant, grease gun.



Telephone : Leicester 68151 (7 lines).
Telegrams : }
Cables : } Woodworker, Leicester, Telex.
Telex : 34646 (Wadkin, Leicester).
and at York House, Empire Way, Wembley, Middx.
Telex : 262210 Telephone : 01-902 7714 (3 lines).

SALES & SERVICE

Wadkin Ltd.

Green Lane Works, Leicester, LE5 4PF

BURSGREEN machines are manufactured by :
BURSGREEN (DURHAM) LTD., Fence Houses,
Houghton-le-Spring, Co. Durham.
BURSGREEN (COLNE) LTD., Lodge Holme,
Trawden, Nr. Colne, Lancs.