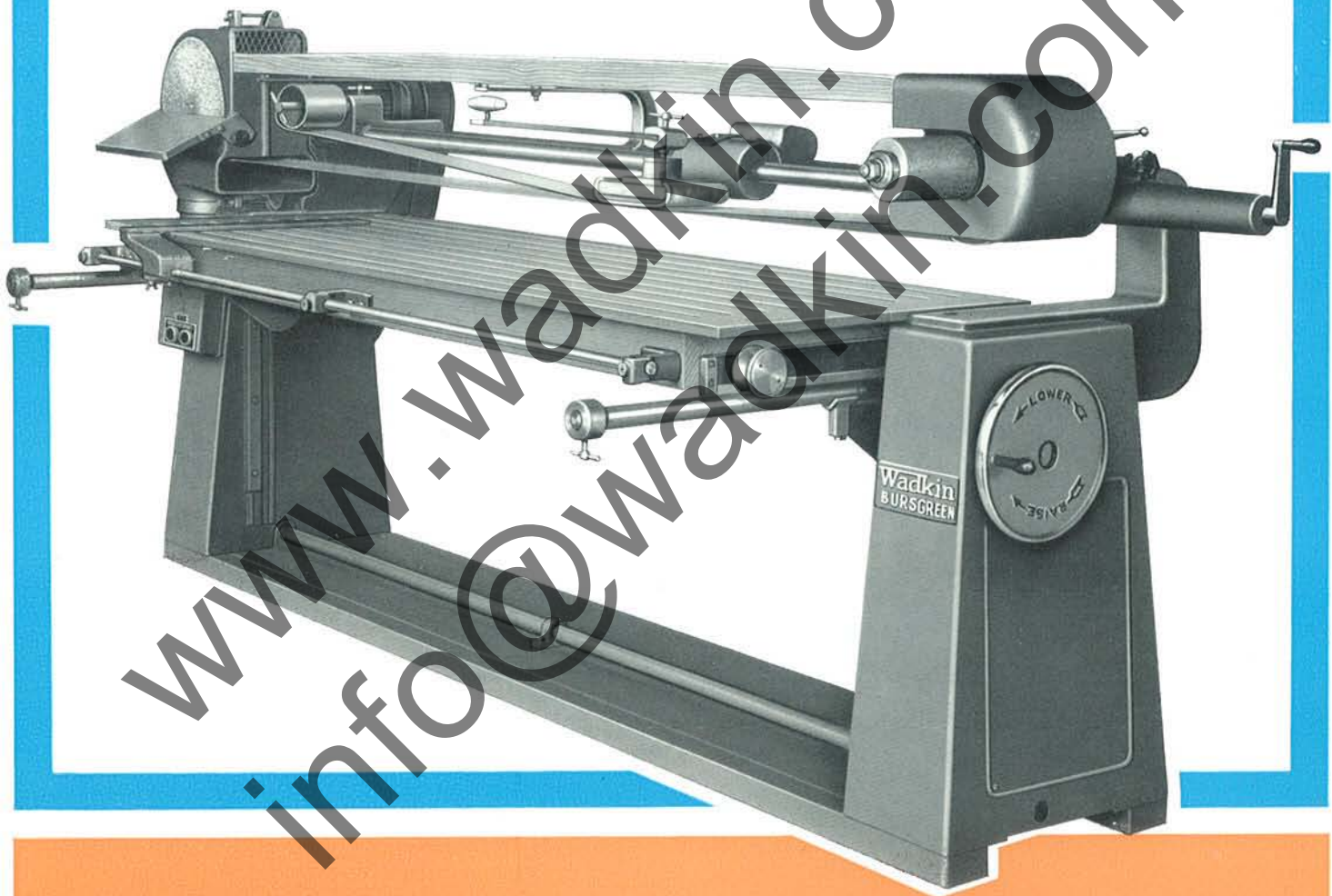


UNDER & OVER BELT SANDER 6in BGA 150

BGA 150

Standard view of the machine fitted with the optional disc attachment, bobbin attachment and intermediate pressure pad.

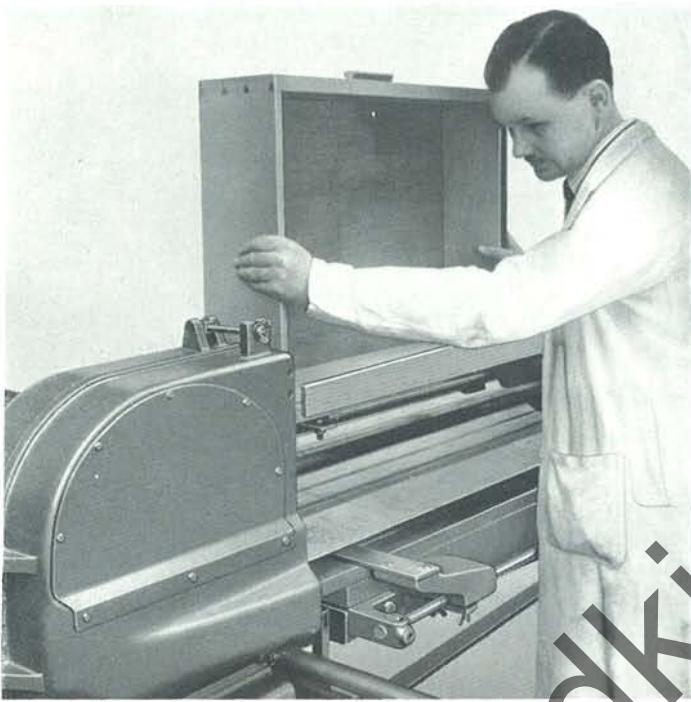


**WADKIN
BURSGREEN**

- No. 0 size, type BGA0, for work up to 1200mm (4ft) long
- No. 1 size, type BGA1, for work up to 2500mm (8ft) long
- No. 2 size, type BGA2, for work up to 3000mm (10ft) long

(British Standard Classification No. 12.722.1)

UNDER & OVER BELT SANDER 6in BGA 150



The overtable is useful for a variety of light sanding work such as drawers and all box forms.

This type of sander with its relatively low cost, brings all the economy of high speed machine sanding within the reach of every woodworking shop. Since its introduction more than 1200 machines have been installed. It provides the ideal means of cutting down costly hand sanding on an exceptionally wide range of work. With the overhead table and optional attachments it combines four distinct sanders in one thus making it a machine that need seldom be idle.

The many features and engineering refinements embodied in the machine make it exceptionally simple to work and after a little experience the operator becomes so expert in manipulating the pad that perfect finish and fast rates of working naturally follow.

Hinged door for convenient belt changing.

Equally efficient dust exhausting system when using over and under tables.

Intermediate pressure between pad and belt (extra).

Swan neck column to accommodate long work.

Simple belt tracking and spring loaded tensioning device.

Self-contained motorised fan unit.

Pad moves on sealed for life ball bearings.

Capacity under belt - 610mm (24in) deep [760mm (30in) to special order]

Table on ball bearing rollers for easy movement.

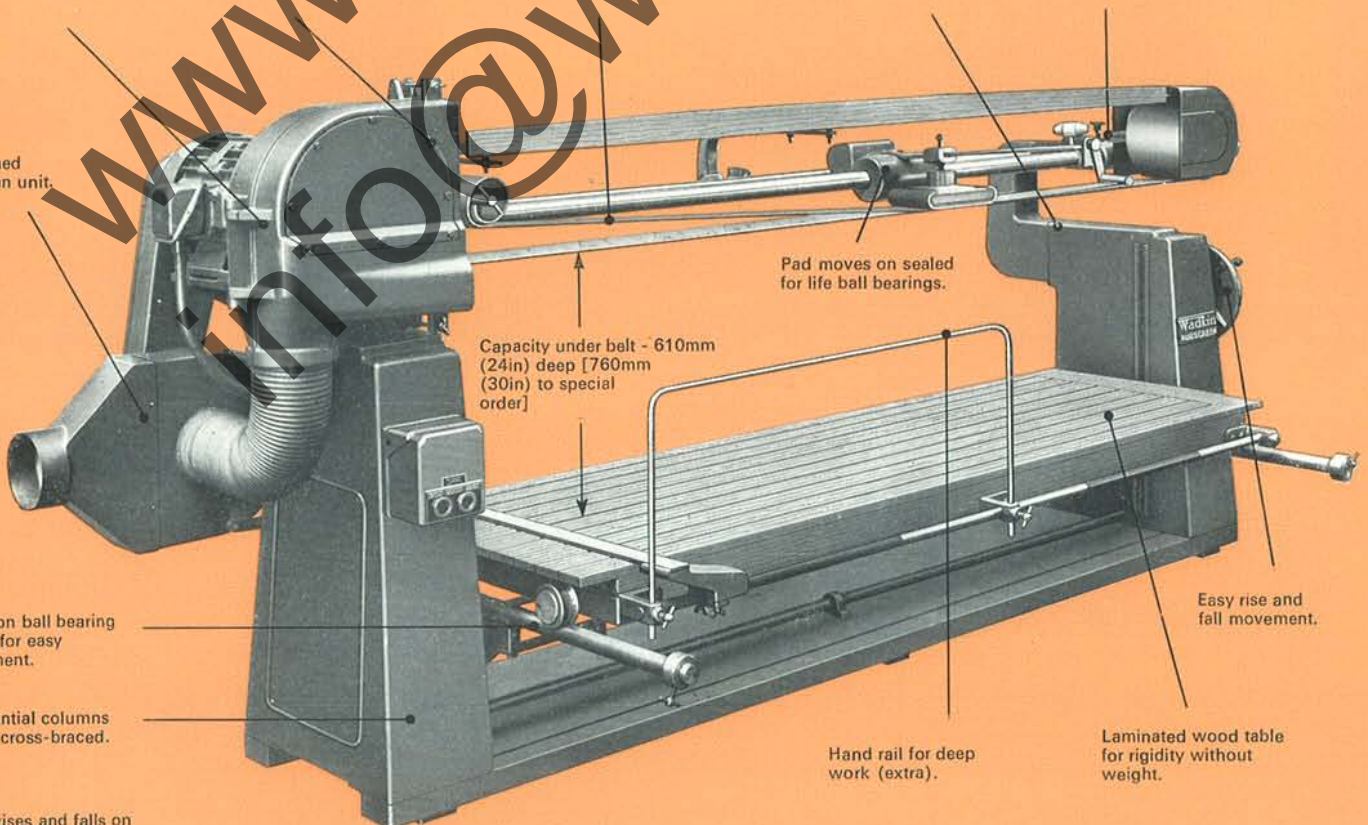
Substantial columns rigidly cross-braced.

Table rises and falls on dust proof mechanism.

Easy rise and fall movement.

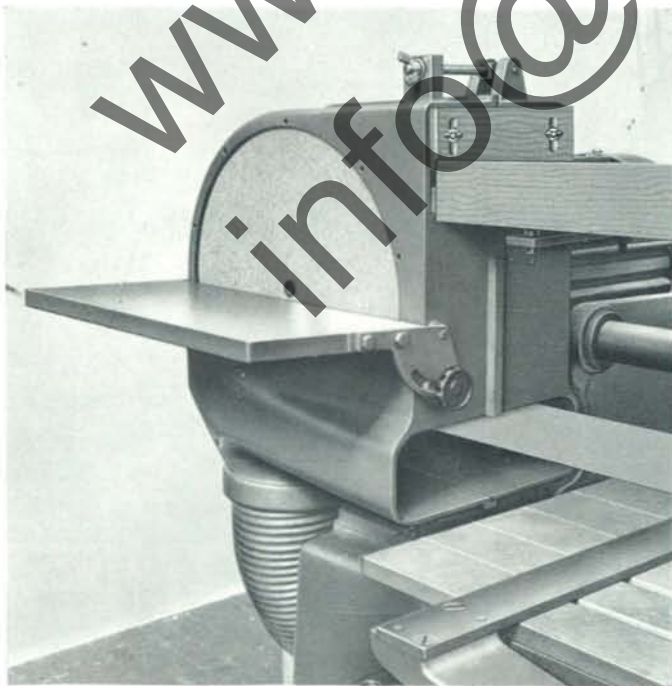
Hand rail for deep work (extra).

Laminated wood table for rigidity without weight.

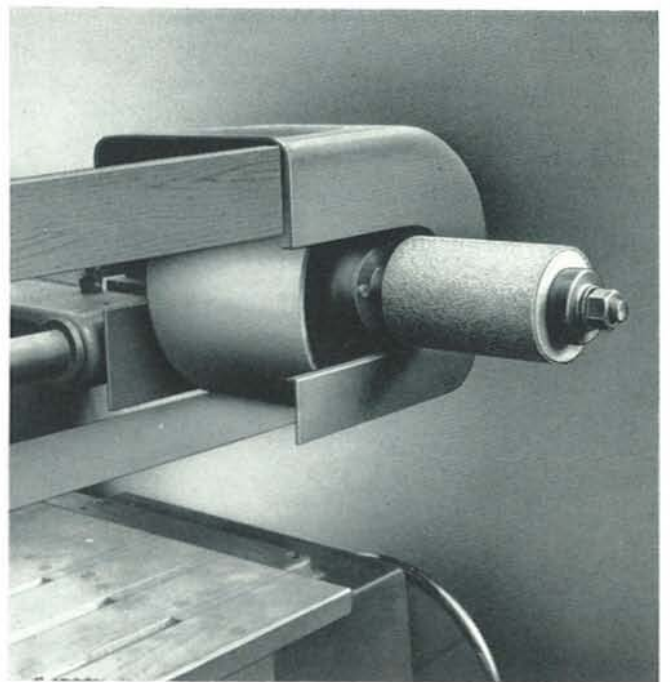


WADKIN BURSGREEN

The long belt combined with easy ball bearing movement on both the sanding pad and the table ensure perfect finish in less time.

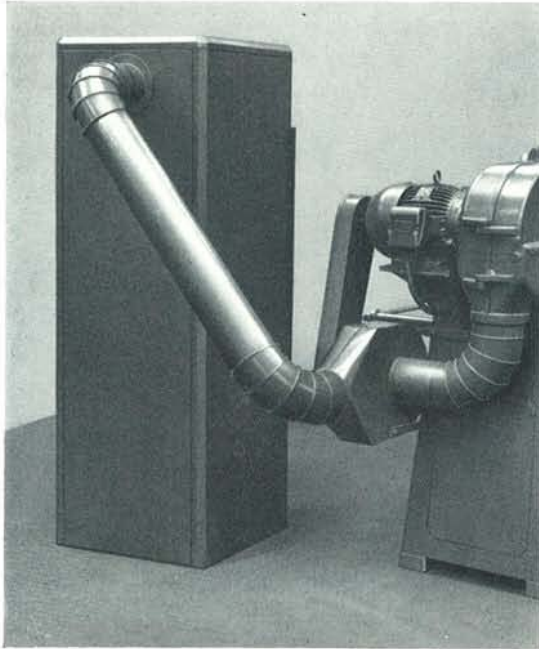


350 mm (14 in) Disc attachment complete with canting table is suitable for square, bevel and external radii work.



Bobbin attachment provides efficient sanding for a variety of work. 75 mm or 100 mm (3 in or 4 in) wood (illustrated above) or pneumatic bobbins can be fitted.

UNDER & OVER BELT SANDER 6in BGA 150



Dust collection unit supplied to order.

CONSTRUCTION

The Main Frame comprises two rigid end columns mounted on a heavy base plate rigidly cross-braced.

The Sanding Drums are machined and balanced. They are mounted in sealed ball bearings. The main sanding drum is enclosed in large dust collecting hood and mounted direct on the extended shaft of a motor carried on the rear of the column. Hood is connected to powerful exhaust fan driven by belt from the sanding drum motor. Dust can be exhausted into dust collecting unit illustrated left. Sanding belt runs in either direction to suit table being used. Exhaust is equally efficient in either direction. Hinged door gives easy access for quick belt changing. Idler drum is ball bearing mounted and guarded. Simple belt tracking mechanism is provided also spring loaded tensioning device.

The Travelling Pressure Pad moves on a circular track on sealed for life ball bearings. It is operated by a long counter-balanced handle.

The Drive and Control. The driving motor is a totally enclosed fan cooled squirrel cage induction motor with double shaft extension to carry sanding drum. It is controlled by a direct-on line air break reversing contactor having no-volt and overload releases.

SPECIFICATION

Height from floor to sanding belt:			Horse power of motor:		
Over	1320 mm	52 in	50 hertz	4 kW	5.5 hp
Under	1070 mm	42 in	60 hertz	3.7 kW	5 hp
Maximum length sanded between columns:			Size of sanding belt:		
No. 0 machine	1220 mm	48 in	No. 0 machine	4110×150 mm	162×6 in
No. 1 machine	2440 mm	96 in	No. 1 machine	6550×150 mm	258×6 in
No. 2 machine	3050 mm	120 in	No. 2 machine	7770×150 mm	306×6 in
Maximum width sanded between columns:	760 mm	30 in	Overall height of machine	1450 mm	57 in
Maximum depth between sanding belt and table [760 mm (30 in) to special order]	610 mm	24 in	Floor space maximum:		
Size of undartable:			No. 0	2740×1680 mm	108×66 in
No. 0 machine	1220×760 mm	48×30 in	No. 1	3960×1680 mm	156×66 in
No. 1 machine	2440×760 mm	96×30 in	No. 2	4570×1680 mm	180×66 in
No. 2 machine	3050×760 mm	120×30 in	Net weight:		
Surface speed of sanding belt (50 hertz)	1130 m/min	3700 ft/min	No. 0	545 kg	1200 lb
Speed of motor:			No. 1	725 kg	1600 lb
50 hertz	1440 rev/min	1440 rev/min	No. 2	770 kg	1700 lb
60 hertz	1800 rev/min	1800 rev/min	Gross weight:		
			No. 0	725 kg	1600 lb
			No. 1	900 kg	2000 lb
			No. 2	950 kg	2100 lb
			Shipping dimensions:		
			No. 0	1.4 m ²	51 ft ²
			No. 1	2.3 m ²	83 ft ²
			No. 2	2.8 m ²	98 ft ²

Details included with the machine: Motor and control gear. Dust exhaust fan and hood. Travelling Pressure Pad. Hand Pad. Set of stops for table rails. One table fence. Spanners. Lubricating pump.

Extras: Sanding Bobbins; 75 mm and 100 mm (3 in and 4 in dia.) 150 mm (6 in) long wood; 60 mm, 75 mm, and 100 mm (2 $\frac{3}{8}$ in, 3 in, and 4 in) dia. 180 mm (7 in) long pneumatic. 350 mm (14 in) Sanding disc and canting table attachment. Dust collector and piping. Hand rail for sanding deep work. Garnet paper all grades. Isolator. Intermediate pressure between pad and belt. Motorized dust unit. Belt cleaning unit.

As our policy is constantly to improve the design of Bursgreen woodworking machinery, the details given in this leaflet are not to be regarded as binding.



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BURSGREEN (COLNE) LTD., Lodge Holme,
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