



10in TILTING ARBOR SAW BENCH



Type 10in AGS

**CUTS 3½in DEEP
WITH SAW 90°**

This Sawbench has many unique design features which enable all the operations associated with much larger machines to be carried out accurately and speedily. The saw cants to 45° and with the mitre gauge all kinds of angular and compound angular sawing can be done. Graduated scale on guide bar gives simple and accurate setting of the ripping fence.

Dado sets for trenching, and circular moulding cutterblocks can be fitted in place of the saw.

In addition to the solid wing extensions of the main table fitted as standard, special extensions which increase considerably the maximum distance from saw to fence may be added.

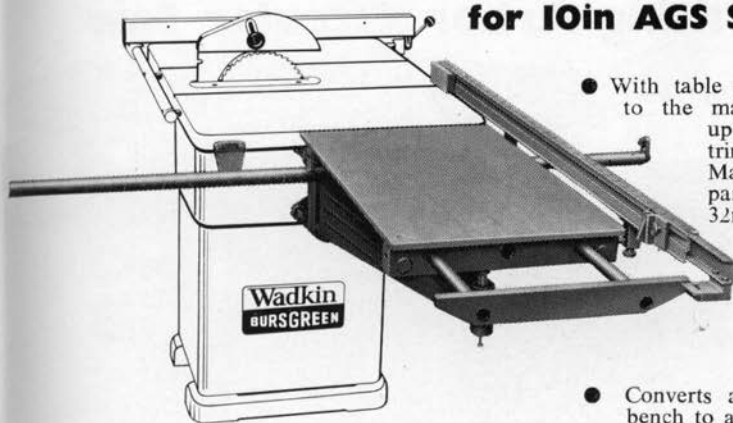
SPECIFICATION

Maximum diameter of saw	... ..	10in	250mm
Diameter saw arbor	... ..	⅝in	15.9mm
Max. depth vertical cut	... ..	3½in	80mm
Max. depth 45° cut	... ..	2½in	55mm
Max. size of dado or grooving set recommended	... ..	6in dia. × ⅜in	152 × 20mm
Max. size of circular cutterblock for moulding	... ..	4⅞in dia. × ¾in	124 × 19mm
Speed of saw spindle	... ..	3,850 r.p.m.	3,850 r.p.m.
Size of table with extensions	... ..	40in × 28in	1,016 × 710mm
Saw to front edge of table with saw in top position	... ..	13in	330mm
Fence movement to right of saw	... ..	25½in	650mm
Saw cants to right	... ..	45°	45°
Horsepower of motor—3-phase	2	2
—single-phase	1½	1½
Nett weight	400lb	180kg

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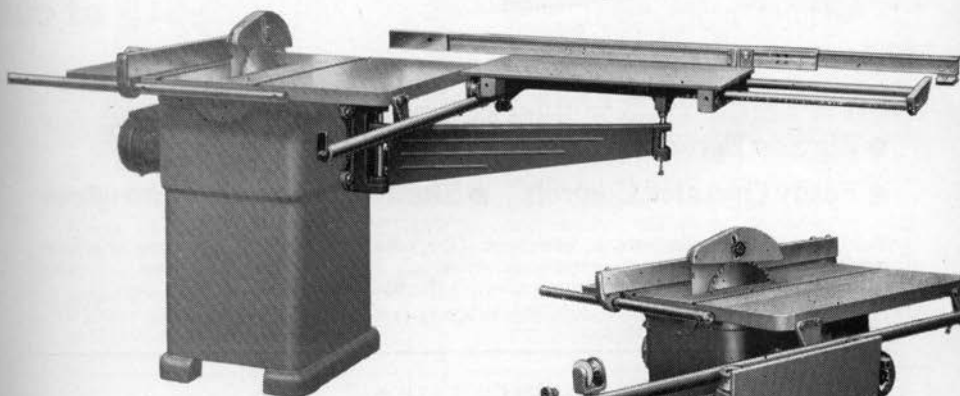
'BURSFOLD'
SLIDING TABLE ATTACHMENT

for 10in AGS Sawbench



- With table and fence drawn out to the maximum limit, panels up to 8ft 6in can be trimmed using end stop. Maximum width of panel 33in (1in deep) or 32in (3½in deep).

- Converts a general utility sawbench to an inexpensive, efficient panel saw.



SPECIFICATION

	in	mm
Table surface area	30 × 18	760 × 460
Table surface with extension	51 × 18	1300 × 460
Max. distance saw to stop	102	2,600
Max. distance saw to stop, fence closed	55	1,400
Max. width cut	33 × 1 or 32 × 3½	850 × 25 or 820 × 80
Max. floor space with table and fence extended	87 × 134	2,210 × 3,400
Net weight	104lb	47kg

- Maximum widths can be increased by 6in (150mm) with outer roller in rear position.

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Wadkin
BURSGREEN

12in TILTING ARBOR SAW BENCH



TYPE 12in AGS

THE MAIN FRAME is a one-piece casting mounted on a fabricated steel base.

THE TABLE has a main centre section and two optional wing tables; all of heavy section and well ribbed to ensure stability. Surfaces are precision ground.

SAW GUARD AND RIVING KNIFE are mounted within the frame and cant automatically with saw. They can be quickly removed and replaced for moulding operations.

RIPPING FENCE moves on front and rear guide bars. It has rapid movement across the table, also micro-adjustment by handwheel for fine setting. Front bar is graduated for accurate setting.

MITRE GAUGE swings 45° each way and can be used either side of the saw. Rigid stop bars allow repetition cross-cutting up to 28in.

SAW SPINDLE is on "sealed-for-life" ball bearings. Rise and fall, also canting motions, are by worm and geared quadrants handwheel operated. Scale shows angle of cant.

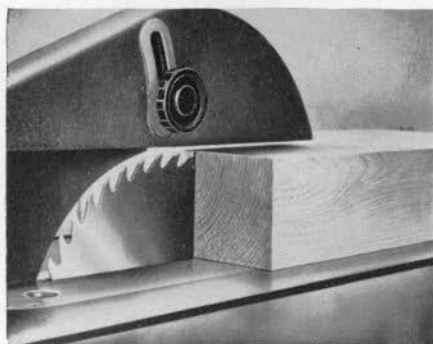
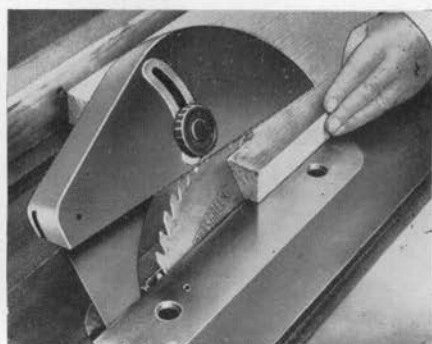
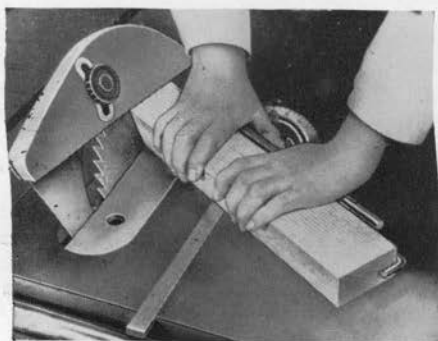
DRIVE from motor to spindle is by short centre vee belts. Adjustment for belt tensioning is provided.

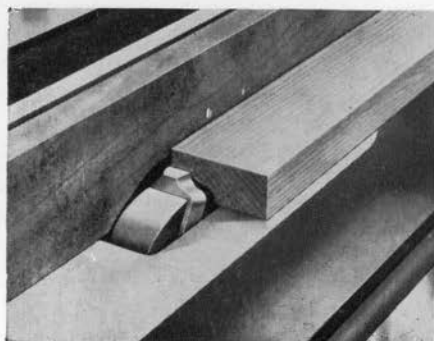
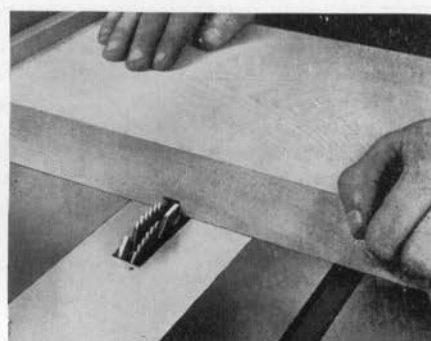
SPECIFICATION

Maximum diameter of saw	12in	300mm
Diameter Saw Arbor	1in	25.4mm
Maximum depth vertical cut	4in	100mm
Maximum depth 45° cut	2½in	70mm
Maximum size dado or grooving set recommended	8in × ⅝in	200 × 22mm
Maximum size cutterblock	4⅝in × ⅞in	120 × 23mm
Speed of saw spindle	3 200	
Size of table with extensions	34in × 48in	865 × 1,220mm
Saw to front edge of table with saw in top position	17½in	440mm
Fence movement to right of saw	33in	840mm
Saw cants to right	45°	
Horsepower of motor 3-phase	3	
1-phase	1½	
Net weight	600lb	272kg

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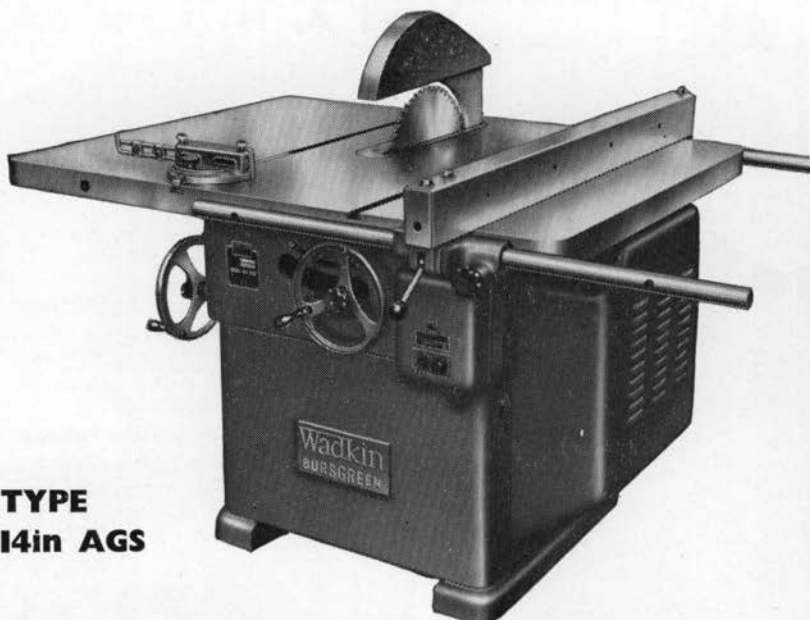
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SOME TYPICAL APPLICATIONS

STRAIGHT RIPPING

BEVEL RIPPING

*STRAIGHT OR COMPOUND
 MITREING*

CROSSCUTTING

MOULDING

GROOVING OR TRENCHING

Wadkin
BURSGREEN

14in TILTING ARBOR SAW BI



TYPE 14in AGS

THE BODY. The top section is a one-piece casting mounted on plate steel base with heavy cast iron feet for maximum stability.

THE SAW SPINDLE has rise and fall also canting motions handwheel operated worm and geared quadrants. It is mounted on sealed-for-life ball bearings requiring no lubrication. Drive is by vee belts from 5 h.p. totally enclosed motor and is housed in main frame with easy access through hinged door. Saw spindle is designed to take an extension arbor 1in, 1½in or 1¾in diameter for use with cutterblocks.

THE TABLE is a deep section heavily ribbed casting with a surface of over 100 sq in. It is precision ground for accuracy and smooth feeding. Tee slots both sides of table are provided to receive a mitre fence.

SPECIFICATION

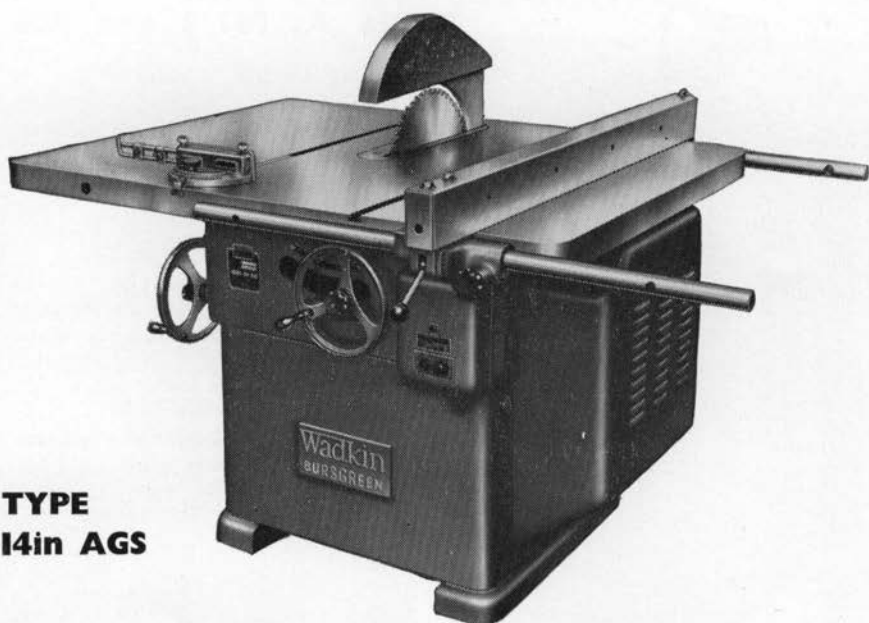
<i>Dia. of saw</i>	14in	350mm
<i>Dia. of saw spindle</i>	1in standard	25.4mm
<i>Optional dia. saw spindle</i>	1½in or 1¾in	28.5 or 31.7mm
<i>Optional dia. saw spindle (metric only)</i>		25 or 30mm
<i>Speed of saw spindle, r.p.m.</i>	3500	3500
<i>Max. depth of cut</i>	4½in	125mm
<i>Max. depth of cut with saw at 45°</i>	3½in	85mm
<i>Max. ripped to right of saw—</i>		
<i>With fence bars in central position</i>	37in	940mm
<i>With fence bars offset to right of table</i>	53in	1,345mm
<i>Table in front of saw with maximum cut</i>	18½in	465mm
<i>Table in front of saw with 1in (25mm) deep cut</i>	22½in	565mm
<i>Size of table</i>	38in × 50in	965 × 1,270mm
<i>Height of table</i>	34in	865mm
<i>Horsepower of motor—3-phase</i>	5	5
<i>—1-phase</i>	3	3
<i>Approx. net weight</i>	780lb	350kg

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14in TILTING ARBOR SAW BENCH



TYPE 14in AGS

THE BODY. The top section is a one-piece casting mounted on plate steel base with heavy cast iron feet for maximum stability.

THE SAW SPINDLE has rise and fall also canting motions handwheel operated through worm and geared quadrants. It is mounted on sealed-for-life ball bearings requiring no lubrication. Drive is by vee belts from 5 h.p. totally enclosed motor and is housed in main frame with easy access through hinged door. Saw spindle is designed to take an extension arbor 1in, 1½in or 1¼in diameter for use with cutterblocks.

THE TABLE is a deep section heavily ribbed casting with a surface of over 13sq. ft. It is precision ground for accuracy and smooth feeding. Tee slots both sides of the saw are provided to receive a mitre fence.

SPECIFICATION

<i>Dia. of saw</i>	14in	350mm
<i>Dia. of saw spindle</i>	1in standard	25.4mm
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15in CIRCULAR SAW BENCH



TYPE 15in BSW

THE MAIN FRAME is fabricated from heavy gauge steel and is mounted on heavy cast iron feet giving adequate area for stability. THE TABLE is of deep section and heavily ribbed for strength and rigidity. A groove is planed parallel with the saw for receiving cross-cutting and mitreing fence. THE SAW GUARD AND RIVING KNIFE. These are mounted from within the frame so that no overhanging support is required, ensuring full protection irrespective of the size of sheet being sawn.

THE FENCE is strong and rigid and carried on a round bar on the front edge of the table. Finger tip fine adjustment and fence lock

are provided. Front plate of fence adjusts longitudinally and cants up to 45°. THE SAW is enclosed below the table in a hood built into the main frame, with an opening at the rear for discharging dust and for connecting to a dust collecting system if required. Access to the saw spindle is through a removable door in the main frame.

CONTROL GEAR is of the automatic type operated by push-buttons mounted below the table edge at the operator's position.

SPECIFICATION

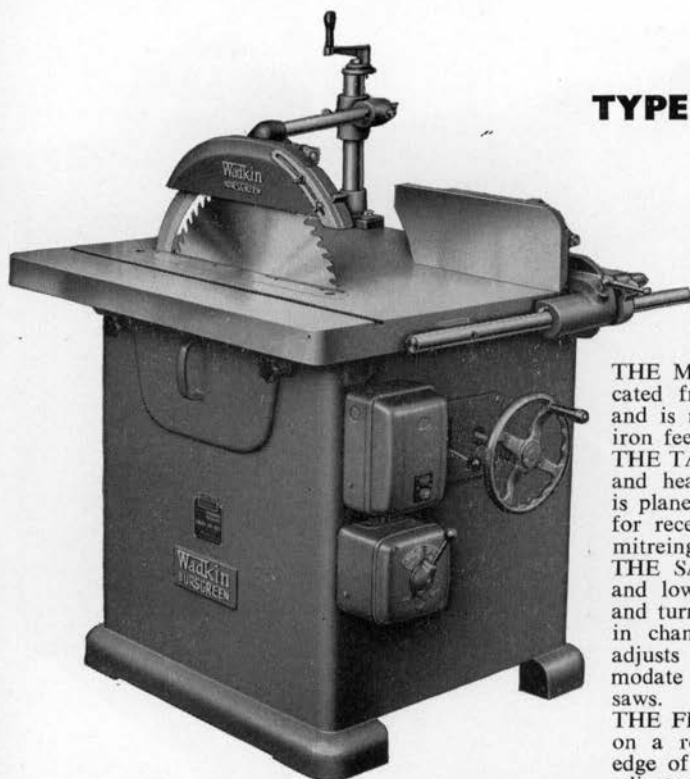
Max. dia. of saw	15in	380mm
Max. depth of cut	5in	125mm
Size of table	28in × 25½in	710 × 650mm
Table height	33in	840mm
Max. distance saw and fence	14in	355mm
Fence dimensions	13in × 4½in	330 × 115mm
Fence cants	45°	45°
Rise and fall saw spindle	4in	100mm
Speed of saw spindle (r.p.m.)	2,850	2,850
Horsepower of motor	3	3
Dia. of saw spindle	1½in	32mm
Optional dia. saw spindle		30mm
Saw spindle and driving pin centres	1½in	35mm
Diameter driving pin	½in	12mm
Net weight	450lb	200kg

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20in CIRCULAR SAW BENCH



TYPE 20in BSW

THE MAIN FRAME is fabricated from heavy gauge steel and is mounted on heavy cast iron feet.

THE TABLE is of deep section and heavily ribbed. A groove is planed parallel with the saw for receiving cross-cutting and mitreing fence.

THE SAW GUARD is raised and lowered by screw motion and turns over for convenience in changing saws. The guard adjusts horizontally to accommodate varying diameters of saws.

THE FENCE is carried rigidly on a round bar at the front edge of the table. It has quick adjustment across the table also

finger tip fine adjustment and fence lock. Front plate of fence adjusts longitudinally. Fence cants up to 45°.

THE SAW SPINDLE is carried in a pivoted yoke and runs on deep groove ball bearings. Rise and fall movement is controlled by handwheel from the front of the machine.

THE SAW is enclosed below the table in a hood built into the main frame, with an opening at the rear for discharging dust.

CONTROL GEAR is of the automatic contactor type operated by push-buttons mounted below the table edge at the operator's position.

SPECIFICATION

Max. diameter of saw: 20in (500mm)

Max. depth of cut: 7in (177mm)

Size of table:

36in × 34in (914 × 865mm)

Table height: 34in (865mm)

Max. distance between saw and fence:

20in (500mm)

Fence dimensions:

17in × 6in (430 × 150mm)

Fence cants up to: 45°

Rise and fall of saw spindle:
4in (100mm)

Spindle Speed (r.p.m.): 2,200 (2,200)

Horsepower of motor: 5 (5)

Diameter saw spindle: 1½in (32mm)

Optional dia. saw spindle: (30mm)

Spindle and driving pin centres:
1½in (35mm)

Diameter driving pin: ½in (12mm)

Net weight: 1,008lb (457kg)

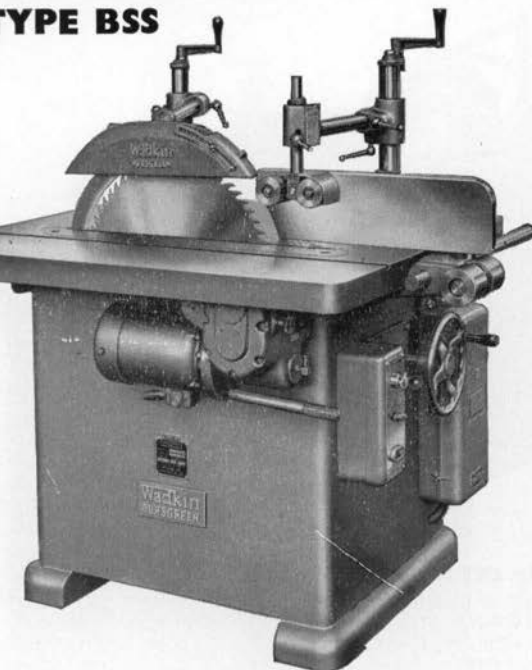
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20in POWER FEED SAWBENCH

TYPE BSS



THE MAIN FRAME, fabricated from heavy gauge steel, is mounted on cast iron feet. THE TABLE is of deep section and heavily ribbed for strength and rigidity. A groove is provided for receiving crosscutting and mitring fences.

THE POWER FEED UNIT consists of a toothed driving wheel driven at six speeds. The toothed wheel projects through the table immediately in front of, and in line with, the saw, and bites into the timber which is held down to the table by overhead pressure rollers. The resultant teeth marks in the timber are removed by the saw.

The whole power feed unit is pivoted and spring loaded to a selected top position. Height of the toothed wheel is adjustable. The feed can be disengaged by depressing a lever to enable the machine to be hand fed. The top roller pressure is spring loaded and is adjustable in height at the front of the table to assist feeding.

- THE SAW GUARD is raised and lowered by screw motion and is of the turnover type for convenience in sharpening and changing saws.
- THE FENCE is provided with quick adjustment across the table also finger tip fine adjustments and fence lock. Front plate of fence adjusts longitudinally. Fence cants to 45°.
- THE SAW SPINDLE is carried in a pivoted yoke and runs on deep groove ball bearings. Rise and fall movement is controlled by handwheel.
- THE SAW. A built-in dust hood with vent for dust extraction system encloses the saw above the table.
- CONTROL GEAR is of the automatic contactor type operated by push-buttons mounted above the table edge at the operator's position.

SPECIFICATION

- | | |
|--|--|
| <i>Max. dia. of saw:</i> 20in (500mm) | <i>Fence dimensions:</i> |
| <i>Min. dia. of saw:</i> 15in (380mm) | 22in × 6in (560 × 150mm) |
| <i>Max. depth cut hand feeding:</i> | <i>Fence cants:</i> 45° (45°) |
| 18in (180mm) | <i>Table height:</i> 34in (865mm) |
| <i>Max. depth cut power feed:</i> | <i>Spindle speed in r.p.m.:</i> |
| 12.5in (125mm) | 20in saw 2,200 |
| <i>Width of table:</i> | 15in saw 2,800 |
| 22in × 39in (1,065 × 990mm) | <i>Horsepower saw motor:</i> 11½ (11.5) |
| <i>Feed Speeds:</i> 28, 42, 55, 75, 85, 150fpm | <i>Horsepower 2-speed feed motor:</i> |
| 8.5, 13, 17, 23, 26, 46m/min) | ½, ¾ (0.33, 0.66) |
| <i>Max. distance saw and fence:</i> | <i>Dia. saw spindle:</i> 1½in (32mm) |
| 60in (500mm) | <i>Optional dia. saw spindle:</i> (30mm) |
| <i>Max. distance saw and fence using power</i> | <i>Dia. driving pin:</i> ½in (12mm) |
| <i>feed:</i> 8in (200mm) | <i>Spindle and driving pin centres:</i> |
| <i>Rise and fall saw spindle:</i> | 1¾in (35mm) |
| 10in (100mm) | <i>Net weight:</i> 1,290lb (585kg) |

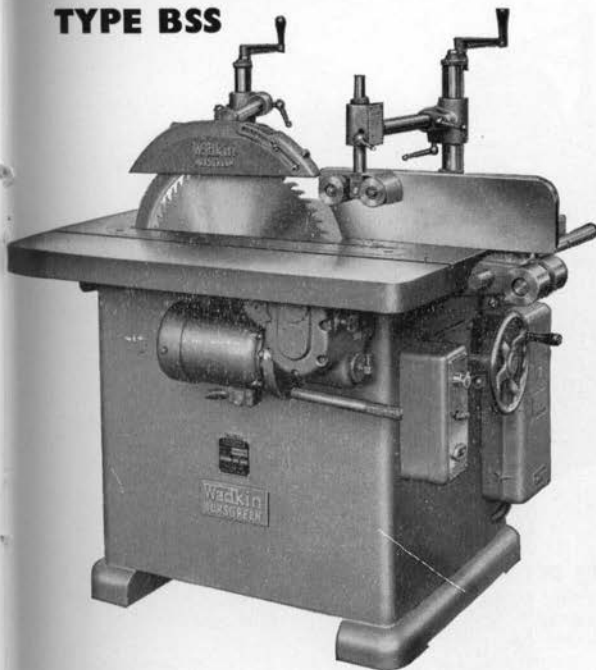
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Wadkin
BURSGREEN

20in POWER FEED SAWBENCH

TYPE BSS



THE MAIN FRAME, fabricated from heavy gauge steel, is mounted on cast iron feet. THE TABLE is of deep section and heavily ribbed for strength and rigidity. A groove is provided for receiving crosscutting and mitreing fences.

THE POWER FEED UNIT consists of a toothed driving wheel driven at six speeds. The toothed wheel projects through the table immediately in front of, and in line with, the saw, and bites into the timber which is held down to the table by overhead pressure rollers. The resultant teeth marks in the timber are removed by the saw.

The whole power feed unit is pivoted and spring loaded to a selected top position. Height of the toothed wheel is adjustable. The feed can be disengaged by depressing a lever to enable the machine to be hand fed. The top roller pressure is spring loaded and is adjustable in height at the front of the table to assist feeding.

THE SAW GUARD is raised and lowered by screw motion and is of the turnover type for convenience in sharpening and changing saws.

THE FENCE is provided with quick adjustment across the table also finger tip fine adjustments and fence lock. Front plate of fence adjusts longitudinally. Fence cants up to 45°.

THE SAW SPINDLE is carried in a pivoted yoke and runs on deep groove ball bearings. Rise and fall movement is controlled by handwheel.

THE SAW. A built-in dust hood with vent for dust extraction system encloses the saw below the table.

CONTROL GEAR is of the automatic contactor type operated by push-buttons mounted below the table edge at the operator's position.

SPECIFICATION

Max. dia. of saw: 20in (500mm)

Min. dia. of saw: 15in (380mm)

Max. depth cut hand feeding:
7in (180mm)

Max. depth cut power feed:
5in (125mm)

Size of table:
42in × 39in (1,065 × 990mm)

Feed Speeds: 28, 42, 55, 75, 85, 150fpm
(8.5, 13, 17, 23, 26, 46m/min)

Max. distance saw and fence:
20in (500mm)

Max. distance saw and fence using power
feed: 8in (200mm)

Rise and fall saw spindle:
4in (100mm)

Fence dimensions:

22in × 6in (560 × 150mm)

Fence cants: 45° (45°)

Table height: 34in (865mm)

Spindle speed in r.p.m.:
20in saw 2,200
15in saw 2,800

Horsepower saw motor: 11½ (11.5)

Horsepower 2-speed feed motor:
⅓, ⅔ (0.33, 0.66)

Dia. saw spindle: 1¼in (32mm)

Optional dia. saw spindle: (30mm)

Dia. driving pin: ½in (12mm)

Spindle and driving pin centres:
1⅜in (35mm)

Net weight: 1,290lb (585kg)

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Wadkin
BURSGREEN

20in, 24in & 26in
CIRCULAR SAW BENCH



TYPE BSW

THE MAIN FRAME is fabricated from heavy gauge steel and is mounted on heavy cast iron feet.

THE TABLE is of deep section and heavily ribbed. A groove is planed parallel with the saw for receiving cross-cutting and mitreing fence.

THE SAW GUARD is raised and lowered by screw motion and turns over for convenience in changing saws. The guard adjusts horizontally to accommodate varying diameters of saws.

THE FENCE is carried rigidly on a round bar at the front edge of the table. It has quick adjustment across the table also

finger tip fine adjustment and fence lock. Front plate of fence adjusts longitudinally. Fence cants up to 45°.

THE SAW SPINDLE is carried in a pivoted yoke and runs on deep groove ball bearings. Rise and fall movement is controlled by handwheel from the front of the machine.

THE SAW is enclosed below the table in a hood built into the main frame, with an opening at the rear for discharging dust.

SPECIFICATION

Diameter of saw	20in	24in	26in
Maximum depth of cut	7in	9in	10in
Size of table	36in × 34in	43in × 34in	43in × 34in
Maximum distance between saw and rip fence	20in	20in	20in
Ripping fence	17in × 6in	22in × 6in	21in × 7½in
Rise and fall of saw spindle	4in	5in	5in
Table height	34in	34in	34in
Speed of saw spindle	2,200 r.p.m.	1,750 r.p.m.	1,650 r.p.m.
Horse power of motor	5	7½	10
Diameter of saw spindle	1½in	1¾in	1¾in
Optional diameter of saw spindle	32mm	45mm	45mm
Diameter of driving pin	½in	½in	½in
Saw spindle and driving pin centres	1¾in	1¾in	1¾in
Net weight	1,008lb	1,000lb	1,000lb

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WOODWORKING TROUBLES • CAUSES & THE CURE . . . SAW BENCH

THE TROUBLE	POSSIBLE CAUSES	THE CURE
Work moves away from fence at back of blade or Work jams between fence and blade.	Misalignment.	Be sure table slots are parallel to blade and that rip fence is parallel to table slots
	Incorrect feed.	Be sure work is snug against fence throughout pass.
	Uneven work edge.	Joint edge.
Work about $\frac{1}{8}$ inch narrower than required.	Measuring from wrong side of blade.	Be sure to measure from side of blade nearest fence and from tooth set toward fence.
Cut edge has slight bevel.	Table not square to blade.	Adjust auto-stop at 'O' setting on table trunnion.
	Work warped.	Surface timber after ripping slightly oversize — then rip to size.
45 degrees rip-bevel cut inaccurate.	Incorrect setting.	Adjust auto-stop at 45 degrees setting on table trunnion.
Sides of cut gouged.	Blade chatter.	Feed more slowly—be sure blade is sharp—use correct r.p.m.
Blade stalls when cutting sides burn.	Dull blade.	Sharpen.
	Tough wood.	Lower r.p.m. for greater power.
	Accumulation of pitch and gum on blade.	Clean in turpentine or similar solvent.
	Incorrect projection on hollow ground blade.	$\frac{3}{4}$ inch projection above timber is minimum.
Blade binds in kerf.	Kerf closes after cut—green wood.	Use splitter.
Cut not square.	Mitre-gauge head not square to table slots.	Adjust auto-stop at 90 degrees setting on mitre gauge.
Work jams.	Mitre gauge square to slots but not parallel with saw blade.	Be sure table slots are parallel with saw blade.

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See overleaf

WOODWORKING TROUBLES • CAUSES & THE CURE . . . SAW BENCH — continued

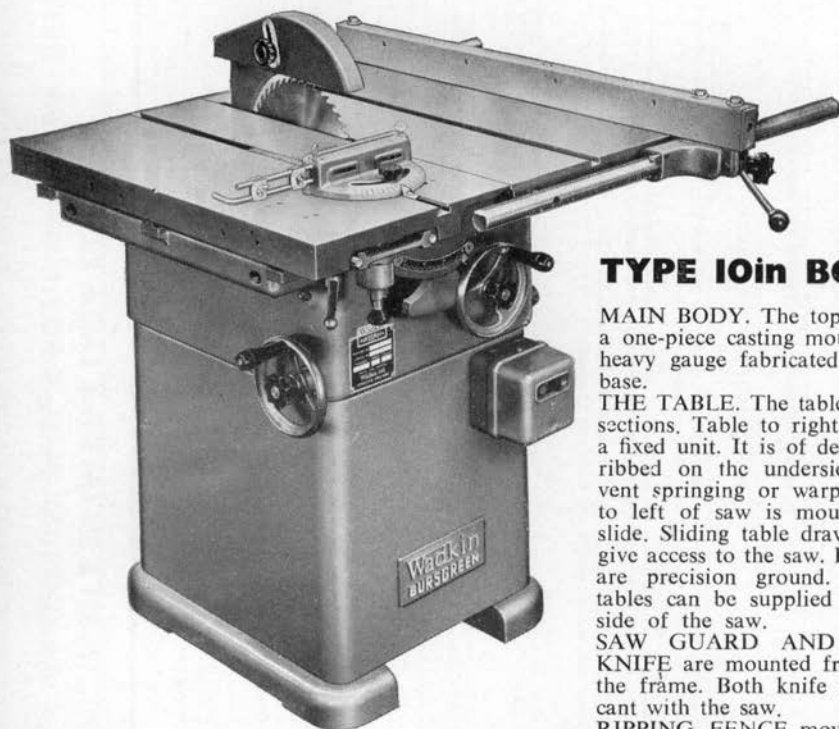
Cut not congruous with mitre gauge setting.	Misalignment.	Check and adjust mitre gauge auto-stop at 45 degrees and 90 degrees.
	Work allowed to creep.	Hold work securely when making pass—use Mitre Gauge.
Cut has slight bevel.	Misalignment.	Adjust auto-stop at 'O' setting on table trunnion.
Mitre gauge head rocks	Uneven base setting.	Adjust glides in base of mitre gauge.
Mitre gauge hard to push.	Mitre gauge bar too snug in table slots.	Be sure mitre gauge bar lock screw is not tightened—clean bar and table slots—apply wax and rub to polish.
Blade binds in kerf.	Excessive overhang tilts work.	Provide adequate support to keep level on table.
Groove bottom uneven.	Dado chippers uneven—usually lower than outside blades (common fault even with new set).	Joint and sharpen.
	Inconsistent radial placement on arbor.	Mark blades and chippers and consistently line up marks when placing on arbor—do this in conjunction with sharpening and joining.
Groove bottom has slight radius.	Lateral movement of single dado does this.	Characteristic of single-blade dado—provides room for glue.
Excessive vibration.	Excessive speed.	Use lower r.p.m.
Dado or moulding head stalls.	Cutting too deep.	Attain full depth of cut with successive passes.
Wood, dado or moulding knives burn.	Feeding too fast, cutting too deep.	Feed slowly and attain full depth of cut with successive passes.
	Gum and pitch accumulation on dado or moulding knives.	Clean with turpentine or similar solvent.
	Dull blades and chippers or knives.	Sharpen.
Splintering or excessive feathering at end of cut.	Breaking out of cut too fast.	Avoid by finishing out very, very slowly.

PARRY & SON (Tools) LTD., 325-329 & 333 Old Street, London, E.C.1

Also at: **186-188 Main Road, Biggin Hill, Kent.** Telephones: **Biggin Hill 3777-3800**

Wadkin
BURSGREEN

10in SLIDING TABLE DIMENSION SAW



TYPE 10in BGS

MAIN BODY. The top section is a one-piece casting mounted on a heavy gauge fabricated steel sub-base.

THE TABLE. The table is in two sections. Table to right of saw is a fixed unit. It is of deep section, ribbed on the underside to prevent springing or warping. Table to left of saw is mounted on a slide. Sliding table draws back to give access to the saw. Both tables are precision ground. Extension tables can be supplied for either side of the saw.

SAW GUARD AND RIVING KNIFE are mounted from within the frame. Both knife and guard cant with the saw.

RIPPING FENCE moves on two precision ground circular section

guide bars. A single lever operated cam-lock secures the fence to the bars in one movement. The front bar is graduated for quick setting and has fine adjustment by rack and pinion.

CROSS-CUTTING AND MITREING FENCES. The machine is provided with a set of two cross-cut fences and a mitre gauge.

SAW SPINDLE is fitted with large saw flanges and is mounted on "sealed-for-life" bearings.

DRIVE from motor to saw spindle is by three short centre vee belts.

SPECIFICATION

Max. diameter saw: 10in (250mm)

Diameter, saw arbor: $\frac{5}{8}$ in (15.87mm)

Optional dia. saw arbor: (20mm)

Max. saw projection above table:
3in (76mm)

Max. depth, 45° cut: 2in (50mm)

Spindle speed (r.p.m.): 3,800 (3,800)

Size of table:

to right of saw (fixed):

20in × 28in (508 × 710mm)

to left of saw (sliding):

14in × 28in (356 × 710mm)

Front of table to saw:

with max. depth cut 13½in (340mm)

Front of table to saw:

with 1in depth cut 14½in (370mm)

Max. travel, sliding table: 16½in (412mm)

Sliding table draws back: 2in (50mm)

Max. length cut, using stops on mitre fence: 28in (710mm)

Max. length cut, using stop on straight fence: 32in (810mm)

Travelling extension table:

Length to left of saw: 41in (1,040mm)

Max. length cut off: 80in (2,030mm)

Extension table to right of saw—max. distance saw to fence: 48in (1,220mm)

Floor space:

45½in × 46in (1,149 × 1,168mm)

with travelling extension:

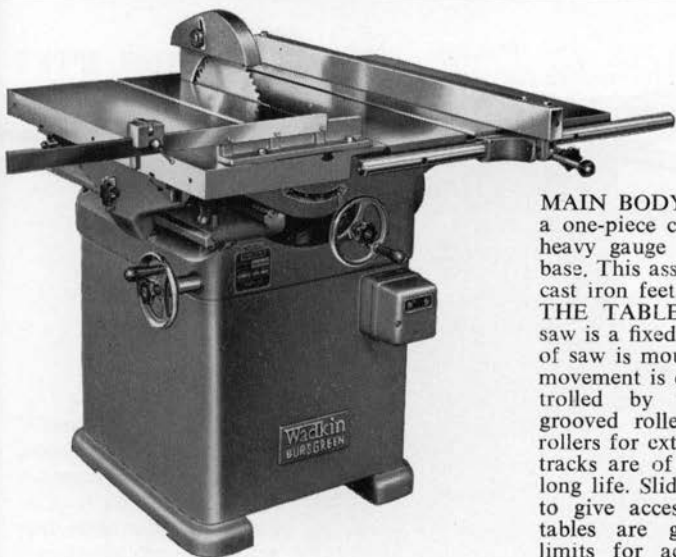
71in × 46in (1,800 × 1,168mm)

Net weight, standard machine:

500lb (220kg)

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TYPE
12in BGS

MAIN BODY. The top section is a one-piece casting mounted on a heavy gauge fabricated steel sub-base. This assembly rests on heavy cast iron feet.

THE TABLE. Table to right of saw is a fixed unit. The table to left of saw is mounted on a slide. The movement is on two rods and controlled by three ball bearing grooved rollers assisted by plain rollers for extra table support. The tracks are of special steel to give long life. Sliding table draws back to give access to the saw. Both tables are ground to precision limits for accuracy and smooth finish.

SAW GUARD AND RIVING KNIFE. These are mounted from within the frame. Both knife and guard are rigid and cant with the saw.

RIPPING FENCE moves on two precision ground circular section guide bars. A single lever operated cam-lock secures the fence to the bars in one movement. The front bar is graduated for quick setting, and has fine adjustment by rack and pinion. **CROSS-CUTTING AND MITREING FENCES.** The machine is provided with a set of two cross-cut fences and a mitre gauge.

SAW SPINDLE is fitted with large saw flanges and is mounted on "sealed-for-life" bearings.

DRIVE from motor to the saw spindle is by two short centre vee belts.

SPECIFICATION

Max. dia. of saw: 12in (300mm)

Dia. saw arbor: 1in (25.4mm)

*Max. saw projection above table:
3 $\frac{3}{4}$ in (95mm)*

Max. depth 45° cut: 2 $\frac{5}{8}$ in (65mm)

*Speed of saw spindle in r.p.m.:
3,200*

Size of table:

*To right of saw (fixed)
24in × 34in (610 × 860mm)*

*To left of saw (sliding)
16in × 34in (405 × 864mm)*

Front of table to saw:

With max. depth of cut 17 $\frac{1}{2}$ in (445mm)

With 1in depth of cut 19in (480mm)

*Max. travel of sliding table:
25 $\frac{1}{2}$ in (650mm)*

Sliding table draws back: 2 $\frac{1}{2}$ in (63mm)

*Max. length cut off using stop bar on
mitre gauge: 28in (710mm)*

*Max. length cut off using straight fence
with stop bar: 36in (915mm)*

*Max. distance, saw to rip fence:
26in (660mm)*

Fixed extension table to right of saw.

*Max. distance, saw to rip fence:
48in (1,220mm)*

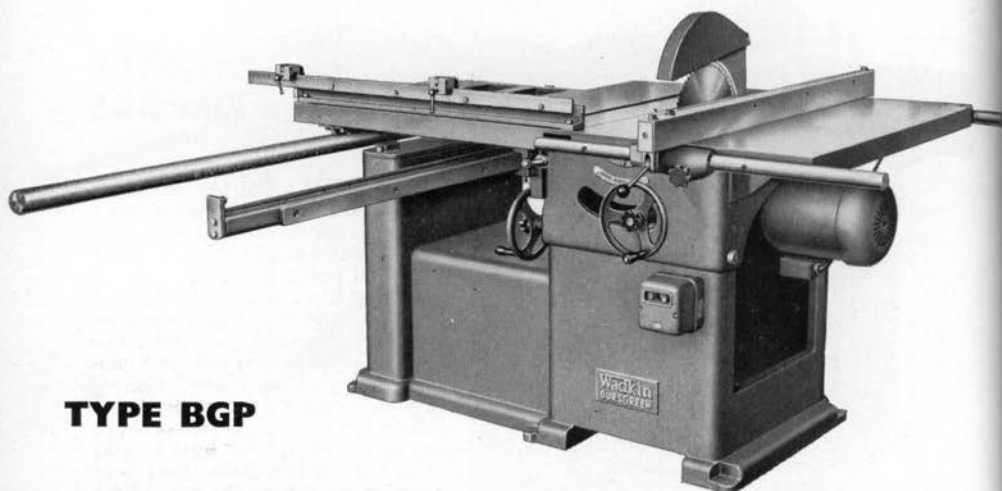
*Floor space, standard machine:
48in × 60in (1,220 × 1,525mm)*

*Floor space with fixed extension table:
60in × 72in (1,525 × 1,830mm)*

*Net weight, standard machine approx.:
900lb (400kg)*

Wadkin
BURSGREEN

**12in SLIDING TABLE
PANEL SAW BENCH**



TYPE BGP

This machine is capable of handling sheets or panels up to 4ft 0in wide. With its tilting saw feature and full range of precision fences and gauges it will do cross-cutting or ripping, straight and bevel mitre or compound mitre cutting and leave a clean accurate edge on every class of work.

MAIN BODY comprises a cast top section mounted on a steel sub-base.

THE TABLE to the right of the saw is fixed. Table to the left slides on four ball bearing rollers. The rollers running on inner track are grooved to locate on a circular rod attached to inner rail. Outer rollers are plain and run on a flattened face on outer rail.

SAW GUARD and RIVING KNIFE are mounted from within the frame. Both knife and guard are rigid and cant with the saw.

RIPPING FENCE moves on two precision ground circular section guide bars. A single lever operated cam-lock secures the fence to the bars in one movement. Front bar is graduated and has fine adjustment by rack and pinion.

CROSS-CUTTING AND MITREING FENCES. The machine is provided with a long straight fence complete with stop bar and two turnover stops, a fixed double mitre fence and an adjustable fence are available as optional equipment.

SAW SPINDLE is fitted with large saw flanges and is mounted on "sealed-for-life" bearings. Rise and fall and canting motions are by worm and worm wheel.

DRIVE to the saw spindle is by two short centre vee belts.

SPECIFICATION

Dia. of saw: 12in (300mm)

Max. section cut:

46in \times 3 $\frac{3}{4}$ in (1,170 \times 95mm)

48in \times 3in (1,220 \times 75mm)

50in \times 2in (1,270 \times 50mm)

51in \times 1in (1,295 \times 25mm)

Spindle speed r.p.m.: 3,200 (3,200)

Horsepower of motor: 3 (3)

Table to right of saw:

34in \times 24in (860 \times 610mm)

Table to left of saw:

34in \times 36in (860 \times 915mm)

Max. travel of table: 52in (1,320mm)

Front of table to saw with max. depth cut: 17 $\frac{1}{2}$ in (445mm)

With 1in depth cut: 19in (480mm)

Max. depth of cut: 3 $\frac{3}{4}$ in. (95mm)

Dia. saw arbor: 1in (25mm)

Max. distance saw to rip fence:
26in. (660mm)

Height of table: 34in (860mm)

Max. distance saw to stops on sliding table: 96in (2,440mm)

Fixed extension table to right of saw, rip fence to saw: 48in (1,220mm)

Floor space:

128in \times 110in (3,240 \times 2,800mm)

Net weight approx.: 1,260lb (570kg)

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Wadkin
BURSGREEN

12in SLIDING TABLE PANEL SAW BENCH

TYPE BGP



An extension table with floor supports can be supplied to increase the distance from saw to fence from 26in to 50in.



When not required for panel work, inner rail pushes back out of the way of the operator, permitting normal sawing operations to be done.



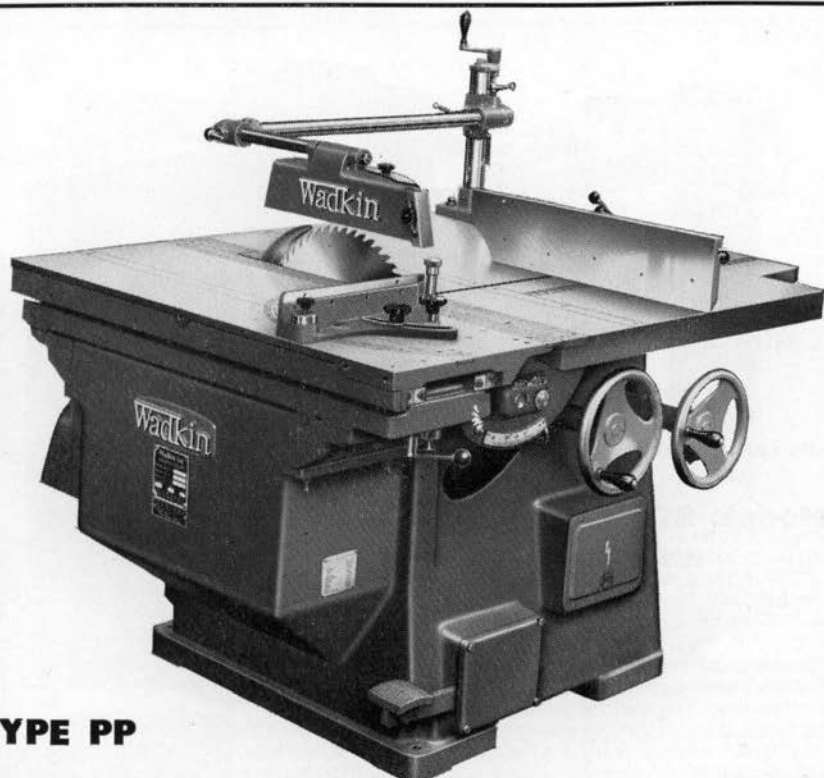
Sliding Table is designed to enable panels up to 8ft 0in long to be squared up.

When machine is fitted with extension table as in this case, panels or boards up to 8ft 0in \times 4ft 0in can be trimmed on all four sides.



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Wadkin**18in TILTING ARBOR
DIMENSION SAW****TYPE PP**

This machine is designed and built to give precision sawing to extreme limits of accuracy. It has tilting and rise and fall movement to the saw, and table draws back to enable trenching heads and grooving saws to be used.

Cross cut table slides on a patented ball track ensuring accuracy with exceptionally easy movement indefinitely.

Two precision fences are supplied. Ripping fence has new locking mechanism which automatically squares it with the saw after adjustment. Standard machine admits up to 30in between saw and rip fence and will cut off up to 36in \times 1in in sections. Range of extension tables are available to admit up to 72in between saw and rip fence and 48in \times 1in for crosscutting.

SPECIFICATION

Diameter of saw: 18in (450mm)

Table height: 34in (860mm)

Saw projects above table: 5½in (140mm)

Saw protrusion at 45°: 3½in (100mm)

Size of table—

Front to back: 44in (1,120mm)

Width over fixed and sliding tables:
51½in (1,300mm)

Size of sliding table: 44in \times 16½in
(1,120 \times 420mm)

Throat between fixed and sliding tables:

Opens 6in (150mm)

Saw tilts up to: 45°

*Max. distance between saw and rip
fence:* 30in (760mm)

Will crosscut 5½in (140mm) *deep up to*
width of: 29½in (750mm)

Will crosscut 4½in (110mm) *deep up to*
width of: 30in (760mm)

Will crosscut 1in (100mm) *deep up to*
width of: 33½in (850mm)

*Length of material cut off using stops on
fence:* 36in (910mm)

Ripping fence cants up to: 45°

Speed of saw spindle: 2,800 r.p.m.

Diameter, saw spindle: 1½in (31.7mm)

Horsepower of motor: 5

*Floor space with maximum table move-
ment:* 88in \times 60in (2,240 \times 1,520mm)

Net weight (approx.): 2,130lb (965kg)

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AIR OPERATED CUT-OFF SAW



Models BCW/R and BCW/L

*Left hand
machine Model
BCW/L*

This machine provides an exceptionally fast and accurate method of repetition crosscutting. The cutting stroke is air operated. After cutting, the stop bar retracts to allow the piece to fall away and returns to its original position ready for the next cut. Rates of working of up to 60 cuts per minute can be maintained. Speed of stroke is infinitely variable, by adjustment of air pressure, to suit the section of timber. Table can be fitted with graduated stop bars up to 8ft 0in long and three adjustable air operated stops, any one of which can be selected from the control panel. The machine can be supplied either left- or right-hand. 10 feet long infeed roller table can be supplied, also roller stand and stock counter.

DIMENSIONS AND CAPACITIES

Sawblade capacity	12in to 16in diam.	300 to 400mm
Board capacity with 12in saw	2in x 12in	50 to 300mm
Board capacity with 14in saw	3in x 12in	80 to 300mm
Board capacity with 16in saw	4in x 12in	100 to 300mm
Maximum length of cut-off bar	96in	2,440mm
Diameter of saw arbor	1½in	31.75mm
Saw spindle speed	3,000 r.p.m.	3,000 r.p.m.
Horsepower of saw motor	7½	7.5
Air cylinder	2in bore, 6in stroke	50mm., 150mm
Air requirement	60-80lb sq in	4.2/5.6 kilos per cm ²
	13cu ft min	0.368cu m/min
Speed of stroking	0-60 cuts per min	0-60 cuts per min
Table height	35in	890mm
Floor space with 4ft 0in bar	6ft 3in x 36in	3,125 x 915mm
Net weight approx.	1,230lb	557kg
Shipping dimensions	103cu ft	2.9m ³

Details included with the machine—

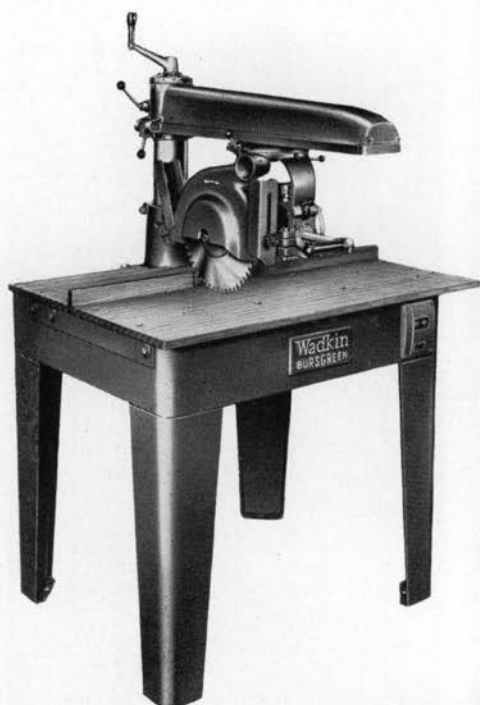
Motor and control gear, 4ft 0in graduated bar with three air-operated stops air cylinder, regulator and piping, squaring-off air push button, air isolator, spanners and tub of lubricant.

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Also at: 186-188 Main Road, Biggin Hill, Kent. Telephones: Biggin Hill 3777-3800



10in UNIVERSAL RADIAL SAW



TYPE 10in BRA

THE SAW UNIT rotates through 180°, also tilts to any angle from horizontal to vertical. It can also be locked at any position on the arm which swings 45° either way.

THE COLUMN is an accurately machined casting with 4in diameter barrel rising and falling 14in by screw motion.

THE ARM swivels 45° each way to the fence line. Principal angles are located by plungers and powerful lock is fitted. The arm carries two circular hardened steel slideways.

THE CARRIAGE moves on grooved "sealed-for-life" ball bearing rollers. It can be locked at any position along the arm. Carriage rotates through

180° and the saw unit tilts inside the yoke from vertical to horizontal. Plungers locate the principal angles and locks are fitted to all movements.

THE MOTOR is totally enclosed and controlled by start and stop push-buttons. GUARD is fully universal and fitted with kick-back safety device and riving knife for ripping. It embodies adjustable dust chute.

TABLE is mounted on fabricated steel base. Table top is of wood. Adjustable metal fence and stop bar can be provided.

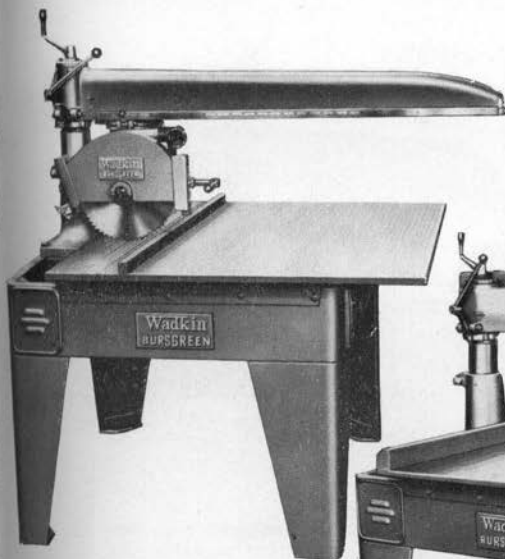
SPECIFICATION

Maximum diameter of saw	10in	250mm
Diameter of saw spindle	$\frac{5}{8}$ in	15mm
Will cross-cut at 90°	13in × 3in	330 × 75mm
	15in × 1in	380 × 25mm
Will cross-cut at 45°	9½in × 3in	240 × 75mm
	10½in × 1in	265 × 25mm
Maximum grooving head	$\frac{3}{8}$ in	20mm
Maximum ripping capacity	25in	635mm
Size of wood table	36in × 20in	915 × 510mm
Horsepower of motor	2	2
Maximum overall height	65in	1,650mm
Floor space	54in × 41in	1,372 × 1,040mm
Net weight	280lb	130kg

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Wadkin
BURSGREEN

12in UNIVERSAL RADIAL SAW



12in BRA 36in STROKE



12in BRA 48in STROKE

Saw unit has rising, falling, canting, swivelling and rotating movements, for straight or angular cross-cutting and ripping. Arm on the 48in stroke machine has an inner sliding arm carried on a roller track.

SPECIFICATION

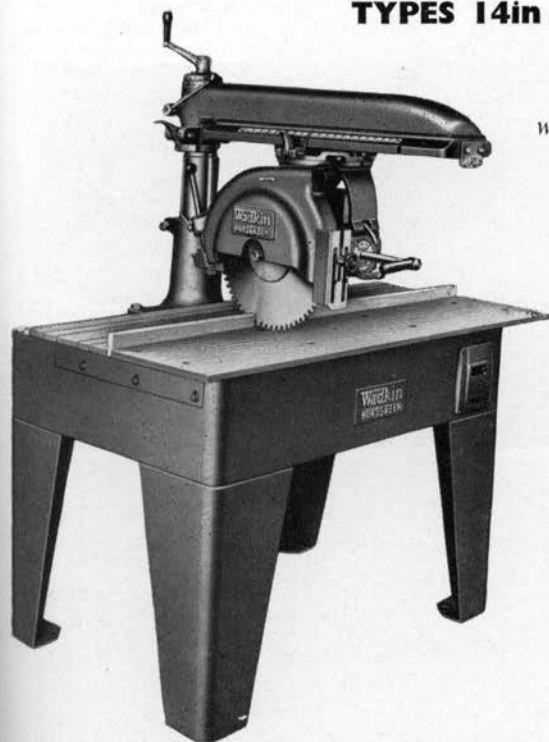
Maximum diameter saw	12in	300mm	12in	300mm
Width will cross cut	} 33in x 4in or 36in x 1in	} 840 x 100 or 915 x 25mm	} 48in x 4in or 50in x 1in	} 1220 x 100 mm 1270 x 25mm or
with arm at 90°				
Width will cross cut	} 23in x 4in or 25in x 1in	} 585 x 100 or 635 x 25mm	} 33½in x 4in or 35in x 1in	} 850 x 100mm or 890 x 25mm
with arm at 45°				
Max. width of grooving				
head	... 1½ in	20mm	1½ in	20mm
Max. depth of groove...	1in	25mm	1in	25mm
Max. ripping capacity	43½ in	1110mm	54½ in	1385mm
Horse power of motor	3	3	3	3
Speed of motor r.p.m.	3,000	3,000	3,000	3,000
Floor space	... 90in x 62in	2285 x 1575mm	113in x 110in	2870 x 2795mm
Net weight	... 490lb	222kg	616lb	280kg

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14in & 16in RADIAL SAW

TYPES 14in BRA and 16in BRA



*It does all these operations
with SPEED and ACCURACY*

CROSSCUT
BEVEL CROSSCUT
MITRE
COMPOUND MITRE
STRAIGHT RIP
BEVEL RIP
PLOWH
GROOVE
REBATE
BIRDSMOUTH
MOULD
ROUT
TENON
PANEL RAISING

This is a precision-built, big capacity machine which is REALLY versatile. The saw unit can be raised or lowered, swivelled and rotated in any direction by quick positive movements . . . resulting in fast set-ups for every kind of sawing. In addition, by fitting dado or trenching heads, cutterblocks, moulding blocks, etc., an almost unlimited variety of operations is possible.

SPECIFICATION

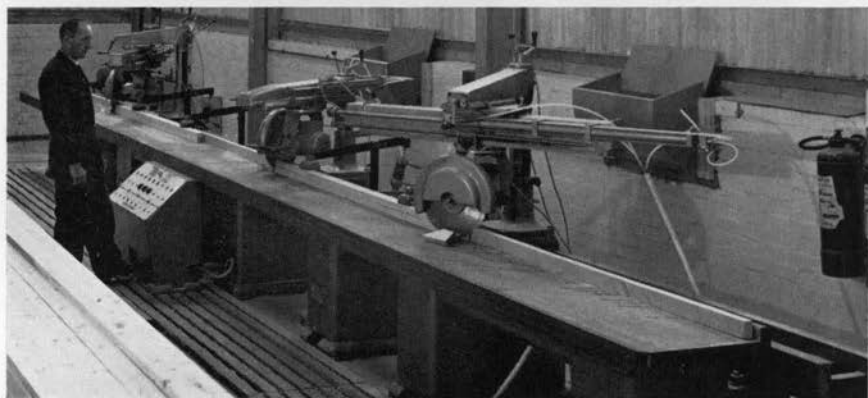
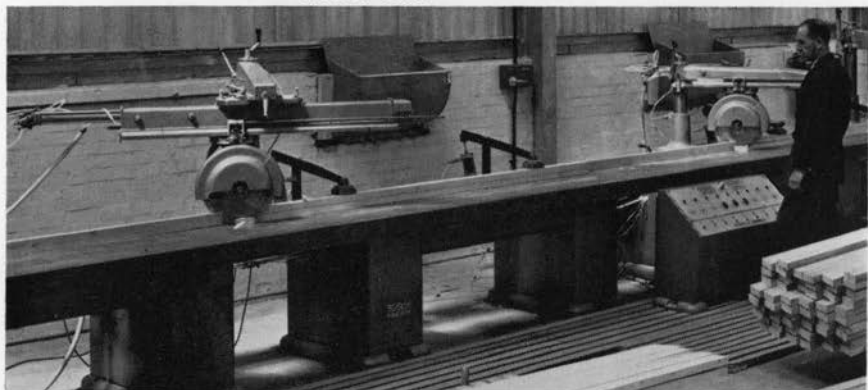
Maximum diameter of saw	...	...	14in	16in	400mm
Width will crosscut with standard arm at 90°	...	...	} 14in × 4½in or 17in × 1in	} 12½ × 5½in 15½ × 1in	320 × 140mm 395 × 25mm
Width will crosscut with standard arm at 45°	...	...				} 10in × 4½in or 13in × 1in	} 9in × 5½in 11in × 1in	230 × 140mm 280 × 25mm
Maximum width grooving head	...	...	1½in	1½in	32mm
Maximum ripping capacity	...	...	27in	29in	735mm
Horse power of motor	...	...	3	5	5
Speed of motor in r.p.m.	3,000	3,000	3,000
Floor space	48in × 30in	48in × 30in	1,220 × 760
Net weight	470lb.	630lb	285kg

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Also at: 186-188 Main Road, Biggin Hill, Kent. Telephones: Biggin Hill 3777-3800



MULTI-HEAD RADIAL SAWS

This pneumatically-operated Truss cutting machine is capable of high precision cutting both ends at one time of rafters, queens, struts and main ties, at a speed of cutting that meets the demands of the press. Eight main ties are cut at a time.

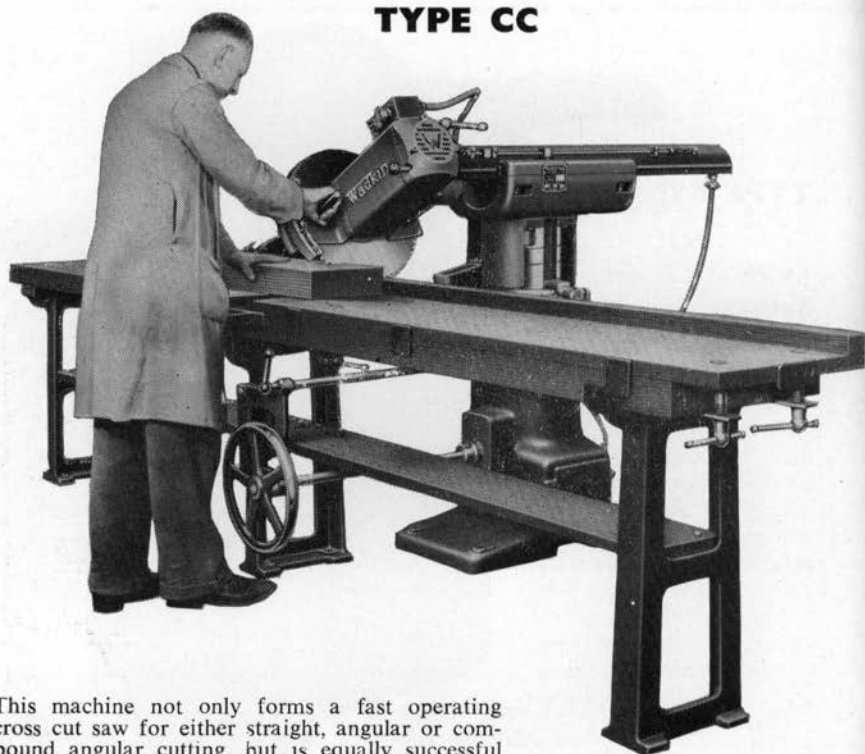


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Wadkin

CROSS CUTTING & TRENCHING MACHINE

TYPE CC



This machine not only forms a fast operating cross cut saw for either straight, angular or compound angular cutting, but is equally successful as a trenching and grooving machine.

THE SAW has rise and fall, canting and swivelling movements, each provided with locking devices.

SAW OR GROOVING HEAD s carried directly on the motor shaft. Saw carriage is aluminium and moves on ball bearing rollers on hardened and ground steel circular tracks.

CARRIAGE is returned by spring action, and pneumatic buffer prevents rebound. Brake is fitted to saw spindle.

TABLE may be of wood constructed by purchaser, or an all metal table can be supplied.

SPECIFICATION

	<i>Model C.C.1</i>	<i>Model C.C.2</i>
<i>Dia. of saw</i>	18in	18in
<i>Saw speed r.p.m.: 50 cycles</i>	3 000	3,000
<i>Dia. of saw spindle end</i>	1½in	1½in
<i>Will cut off between</i>	22in × 5in and 27in × 1in	27in × 5in and 32in × 1in
<i>Will groove up to 2½in × 1½in deep in material</i>	20in wide	25¾in wide
<i>Horsepower of motor</i>	5	5
<i>Net weight without table</i>	1,150lb	1,230lb

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TYPE 20in BZB

THE MAIN FRAME is a fabricated steel unit. Two sheet steel doors completely enclose the machine and blade.

SAW PULLEYS are cast aluminium accurately machined and balanced. They are interchangeable and fitted with rubber tyres vulcanised on. Top pulley is on sealed ball bearings. Tension is applied by spring loaded slide, which also cants for tracking. Bottom wheel is directly on the motor spindle.

DUST CHUTE is provided in base of main frame.

Table is surface ground and arranged to cant 45° to right and 10° to the left. Lock and scale are provided.

FENCE with quick hand and fine adjustment can be supplied for use on either side of saw.

SAW GUIDES are of advanced design and fitted above and below table. They have adjustable ball bearing runners to support the back of the blade and screw adjusting bronze guide blocks to support the sides of the blade. Upper guide is adjustable to suit timber thickness.

DRIVE is by 2hp motor built into the base of the machine. The bottom saw pulley is keyed directly on to the shaft. Control is by push-button operated direct on contactor starter. A foot brake is fitted to bring the machine to rest quickly.

SPECIFICATION

Dia. of saw pulleys: 20in (510mm)
Width of saw pulleys: 1½in (38mm)
Max. width of saw: 1in (25mm)
Max. length of saw: 12ft 9in (3,890mm)
Min. length of saw: 12ft 2in (3,700mm)
Max. depth under saw guide:
13in (330mm)
Distance saw to body: 19½in (492mm)
Size of table:
22in × 24in (560 × 610mm)

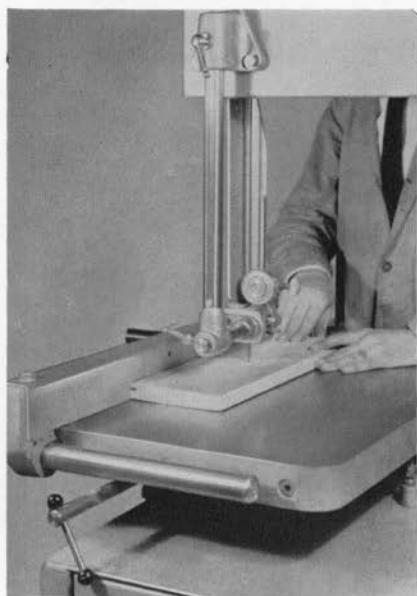
Table cants: 45° right (10° left)
Height of table: 38in (965mm)
Overall height: 79in (2,000mm)
Speed of saw, per min.:
3,780ft (1150m)
Horsepower: 2
Floor space:
27½in × 37½in (700 × 950)
Net weight: 620lb (279kg)

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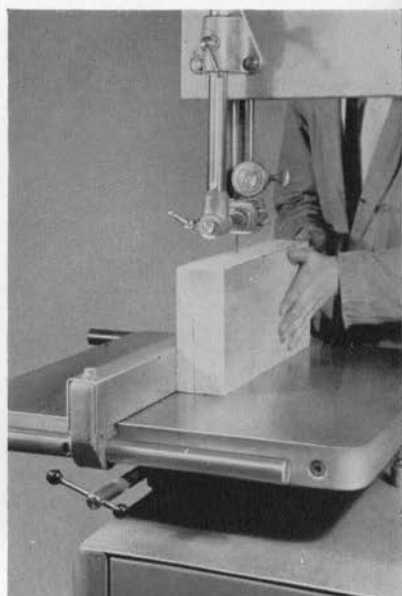
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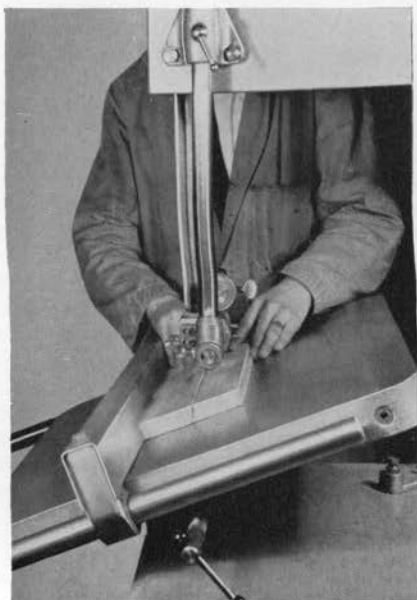
20in BANDSAW BZB



Cutting with Fence



Cutting Deep Stock



Angled Cutting



Shaped Cutting

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Also at: 186-188 Main Road, Biggin Hill, Kent. Telephones: Biggin Hill 3777-3800

24in & 30in BANDSAWS

TYPE

24in & 30in BZB



MAIN FRAME is heavy cast iron and designed for maximum rigidity. Two cast aluminium doors completely enclose the machine and blade.

SAW PULLEYS are cast aluminium and accurately machined and balanced. They are detachable and interchangeable and have rubber tyres vulcanised on. Both pulleys are mounted on sealed ball bearings requiring no lubricating. Top pulley is adjustable vertically by handwheel, and tension is applied by spring-loaded slide which also acts for tracking the blade. A brake is fitted to the bottom wheel, also a brush for keeping the pulleys dust free.

DUST CHUTE is embodied in the main frame with outlet in base for convenient exhaust connection.

TABLE is of large proportions and surface ground for accuracy. It is arranged to cant up to 45°. An efficient lock and graduated scale are provided.

SAW GUIDES above and below table embody adjustable ball bearing runners to give support to the back of the blade, and screw adjusting bronze guide block to give support to the sides of the saw. Upper saw guide is quickly adjustable for depth of cut.

FENCE with fine adjustment by rack and pinion can be supplied and may be used either side of the saw.

DRIVE is by motor direct on the bottom saw pulley and totally enclosed in the base of the machine. Control is by push-button operated direct-on contactor starter embodying full protective features.

SPECIFICATION

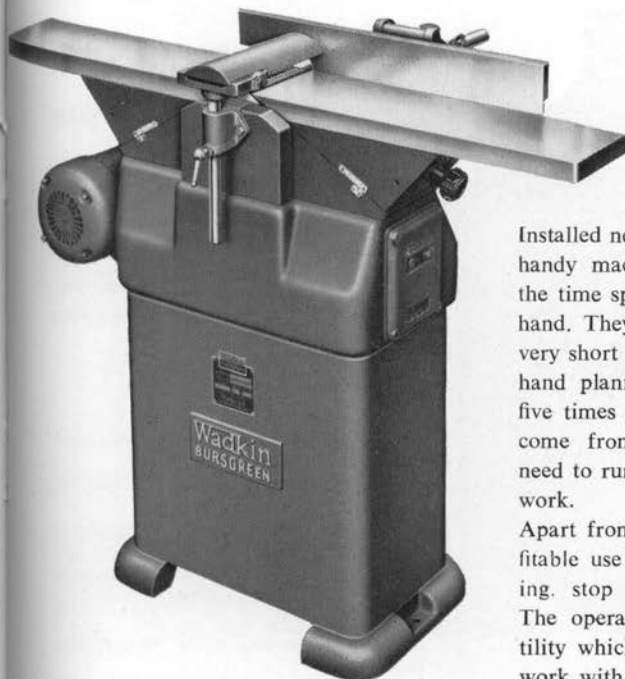
<i>Diameter of saw pulleys</i>	24in	610mm	30in	760mm
<i>Maximum width of saw</i>	1½in	30mm	1½in	38mm
<i>Maximum length of saw</i>	15ft 5in	4,700mm	17ft 6in	5,300mm
<i>Maximum depth under saw guide</i>	13in	330mm	14in	355mm
<i>Distance from saw to inside body</i>	22in	560mm	28in	710mm
<i>Size of table</i>	30in × 30in	760 × 760mm	30 in × 30in	760 × 760mm
<i>Overall height</i>	84in	2,130mm	94in	2,390mm
<i>Horsepower of motor</i>	3	3	3	3
<i>Floor space</i>	46½in × 31½in	1,180 × 800mm	53in × 32in	1,350 × 810mm
<i>Net weight</i>	1,360lb	617kg	1,850lb	840kg

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Also at: 186-188 Main Road, Biggin Hill, Kent. Telephones: Biggin Hill 3777-3800

Wadkin
BURSGREEN

6in HAND FEED PLANER



TYPE 6in BFT

Installed near the benches, these small handy machines will save hours of the time spent laboriously planing by hand. They pay for themselves in a very short time by doing 90% of your hand planing work at least four or five times as fast. Additional savings come from the elimination of the need to run a large machine on small work.

Apart from planing they have a profitable use for such jobs as chamfering, stop chamfering, rebating, etc. The operator appreciates this versatility which enables him to do more work with less fatigue. This machine is typical of the Wadkin-Bursgreen range, well engineered, soundly designed and gives you high efficient production at the right price.

SPECIFICATION

<i>Planing capacity</i>	6in wide	150mm
<i>Length of tables</i>	45in	1,140mm
<i>Speed of cutterblock r.p.m.</i>	5,000	5,000
<i>Cutting circle of cutterblock</i>	3½in	89mm
<i>Fence: Length</i>	22in	560mm
<i>Height</i>	3in	76mm
<i>Will cant to</i>	45°	45°
<i>Will rebate up to</i>	¼in	12mm
<i>Rise and fall of tables</i>	⅝in	16mm
<i>Horsepower of motor</i>	1	1
<i>Height of table from floor</i>	34½in	876mm
<i>Approximate floor space</i>	45in × 27in	1,140mm × 685mm
<i>Net weight</i>	310lb	140kg

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9in HAND FEED PLANER

TYPE 9in BFT



In addition to surfacing
the BFT can do —

- REBATING**
- BEVELLING**
- PLANING OUT OF WIND**
- JOINTING**
- STOP CHAMFERING**

This is an extremely robust machine, built to high engineering standards and capable of accuracy and quality equal to that of larger and more expensive machines. The main frame is a one-piece casting mounted on a cast iron sub-base which carries the motor and built-in starter. This unit can be supplied for bench mounting. Tables are adjustable by screw and handwheel and accurate scales are provided for setting. Rebates to $\frac{1}{2}$ in deep can be cut. The fence, which is of generous length has a single lever operated movement for canting up to 45° .

SPECIFICATION

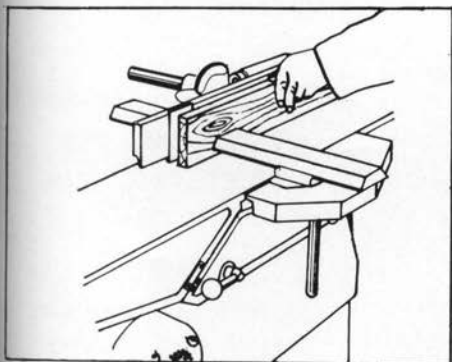
<i>Planing capacity</i>	9in wide	228mm
<i>Length of tables</i>	61 $\frac{3}{4}$ in	1,568mm
<i>Speed of cutterblock in r.p.m.</i>	5,000	5,000
<i>Cutting circle of cutterblock</i>	3 $\frac{1}{2}$ in	90mm
<i>Fence will cant to</i>	45°	45°
<i>Rise and fall of tables</i>	$\frac{5}{8}$ in	16mm
<i>Will rebate up to</i>	$\frac{1}{2}$ in	12mm
<i>Horsepower of driving motor</i>	2 (3-phase); 1 (single-phase)	
<i>Floor space</i>	61 $\frac{3}{4}$ in \times 37 $\frac{1}{4}$ in	1,568 \times 960mm
<i>Net weight</i>	360lb	163kg

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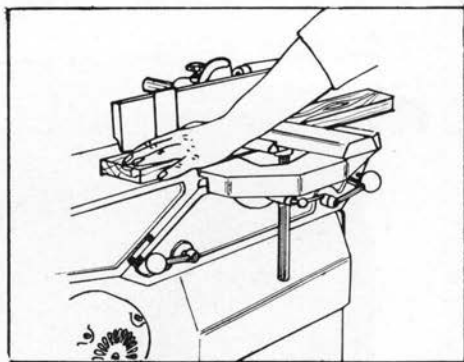
Wadkin
BURSGREEN

HAND FEED PLANER TYPE 9in BFT

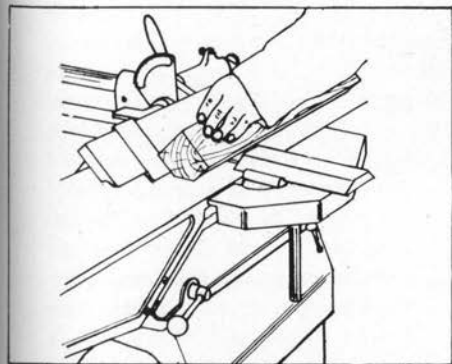
Some typical applications



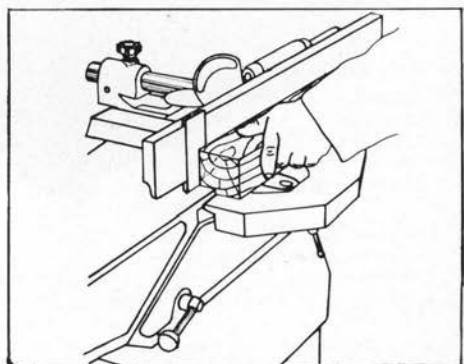
JOINTING



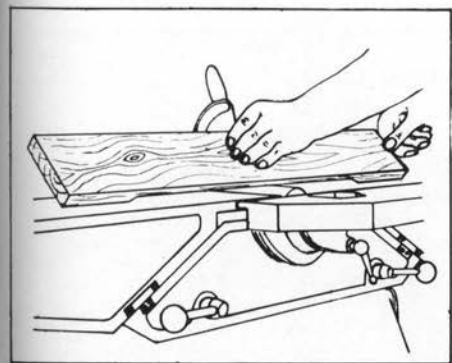
SURFACING



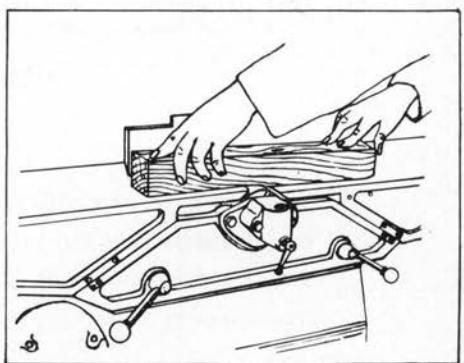
BEVELLING



REBATING



STOP CHAMFERING



TAPER PLANING

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Wadkin
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12in & 16in
HAND FEED PLANER

TYPE 12in BFT
TYPE 16in BFT



THE MAIN FRAME is mounted on a rigid base incorporating a chute for discharging chips.

TABLES have an overall length of 6ft 0in for accurate glue jointing. Each is adjustable by screw and handwheel on inclined slides. Quick action locks ensure rigidity. Provision is made for fitting a rebating table.

CUTTERBLOCK is a two-knife circular type mounted on sealed type ball bearings. Three-knife block can be supplied. Cutterblock guards are provided at the front and rear of fence to give maximum protection.

FENCE cants to 45° by single lever movement. Degree of cant is

indicated on scale and stops register fence at 45° and 90°. Fence is adjustable across table by rack and pinion operated by handwheel, and sets back on auxiliary table to allow full width of table to be used.

DRIVE is from motor mounted inside the base, driving to the cutterblock by vee belt. Control is by built-in push buttons.

SPECIFICATION

<i>Planing capacity</i>			
12in	305mm	16in	406mm
<i>Length of tables</i>			
72in	1,830mm	72in	1,030mm
<i>Cutterblock speed in r.p.m.</i>			
5,000	5,000	5,000	5,000
<i>Cutting circle cutter block</i>			
4in	100mm	4in	100mm
<i>Size of fence</i>			
36in × 4½in	915mm × 120mm	36in × 6in	915mm × 150mm
<i>Maximum depth of rebate</i>			
½in	16mm	½in	16mm
<i>Rise and fall tables</i>			
¾in	20mm	¾in	20mm
<i>Horsepower of motor</i>			
3		5	5
<i>Floor space</i>			
72in × 46in	1,830mm × 1,170mm	72in × 52in	1,830mm × 1,320mm
<i>Net weight</i>			
644lb	292kg	780lb	350kg

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Wadkin
BURSGREEN

12in x 7in ROLLER FEED PLANER & THICKNESSER



TYPE BAO

A modern, streamlined, space-saving machine capable of continuous high speed production, with standards of quality and accuracy equal to that of much larger and more expensive machines. The main frame comprises a substantial cast iron body mounted on a strong steel base which houses the working mechanism and electrical equipment. Thicknessing table rises and falls on a large precision ground pillar. Maximum capacity of the machine is 12½in × 7in.

Feed rollers are chain driven from two-speed motor giving feed speeds of 15ft and 30ft per min.

Two knife circular cutterblock is mounted on "sealed-for-life" ball bearings and driven by endless nylon belt with ball-bearing jockey pulley for tensioning.

SPECIFICATION

<i>Length of thicknessing table</i>	...	...	24in	610mm
<i>Overall length including outer rollers</i>	...	...	31½in	800mm
<i>Capacity of machine</i>	...	...	12½in × 7in	308 × 178mm
<i>Cutting circle diameter of cutterblock</i>	...	...	4in	100mm
<i>Speed of cutterblock in r.p.m.</i>	...	...	5,000	5,000
<i>Horse power of cutterblock motor</i>	...	...	3	3
<i>Diameter of feed rollers</i>	...	...	2in	50mm
<i>Feed speeds per minute</i>	15ft and 30ft	4.5-9m
<i>Floor space</i>	31½ × 25½in	800 × 650mm
<i>Net weight</i>	610lb	275kg

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ROLLER FEED PLANER & THICKNESSER 18in x 9in

TYPE U03

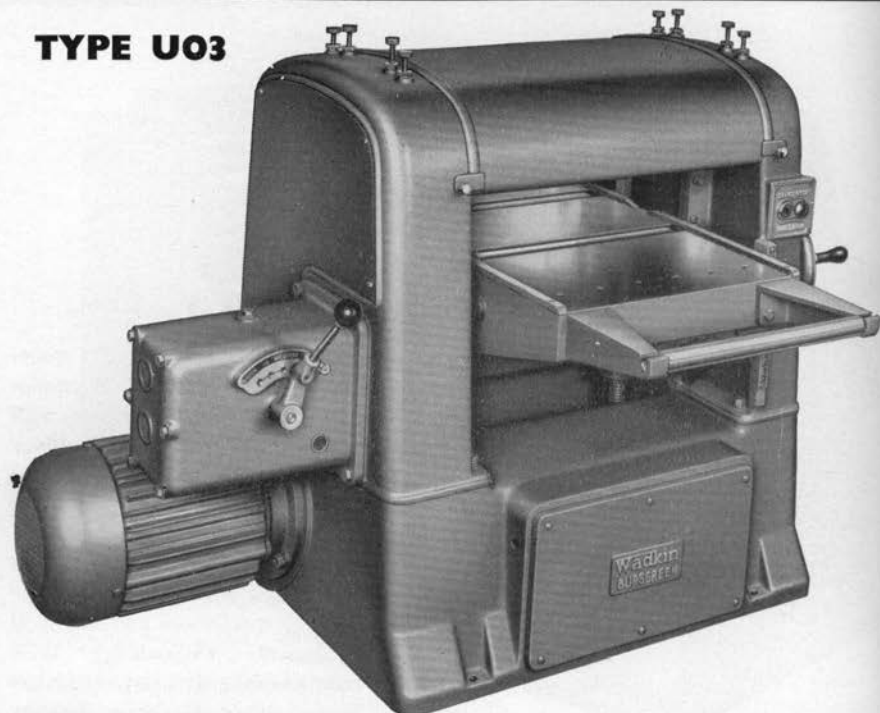


TABLE is mounted in wide slides and raised and lowered by conveniently placed handwheel. Raising screws have antifriction ball thrust washers for easy operation. Outboard arms and rollers are provided.

CUTTERBLOCK is of the two knife safety circular type arranged to give a shear cut. It is dynamically balanced and ball bearing mounted.

FEED is by two 3in diameter rollers, one plain and the other grooved. Drive to the feed rollers is by endless roller chain from a gearbox. A jockey sprocket is incorporated to enable the correct chain adjustment to be maintained. The whole of the feed mechanism is completely enclosed.

GEARBOX. A constant mesh gearbox is mounted on the side of the machine and provides two rates of feed, 20ft and 40ft per minute, selected by hand-lever. All gears are machine cut and run in oil. To order, three-speed box can be fitted giving speeds of 20ft, 30ft and 45ft per minute.

DRIVE to the cutterblock and gearbox is by multiple vee belts from totally enclosed fan-cooled motor at base of machine. Control is by push-buttons and automatic contactor type starter having full protective features.

SPECIFICATION

<i>Planing capacity</i>	18in × 9in	460 × 230mm
<i>Length of thickening table</i>	36in (52½in over rollers)	915mm 1,330mm
<i>Feeds speeds in feet per minute (alternatively 20ft, 30ft and 45ft per minute)</i>	20 and 40	6 and 12m (6, 9, 14m)
<i>Speed of cutterblock in r.p.m.</i>	5,000	5,000
<i>Diameter cutting circle</i>	4½in	114mm
<i>Horsepower of motor</i>	5	5
<i>Floor space</i>	53in × 54in	1,340 × 1,370mm
<i>Net weight</i>	1,570lb	860kg

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Wadkin
BURSGREEN

12in x 7in

SURFACE PLANER & THICKNESSER



TYPE BAO/S

Gives quality of finish, accuracy and ease of operation. A robust, substantial machine with a very large capacity for its size. Rebatting, bevelling and stop chamfering can be done on the surfacing tables. The main frame comprises cast iron body mounted on strong steel base which encloses working mechanism and electric equipment. Two feed speeds of 15ft and 30ft per min. are provided. Surfacing tables rise and fall $\frac{5}{8}$ in through worm and geared quadrant by handwheels. The fence, which is of generous length and height, will cant to 45° by moving a single lever. Angle is shown on a graduated scale.

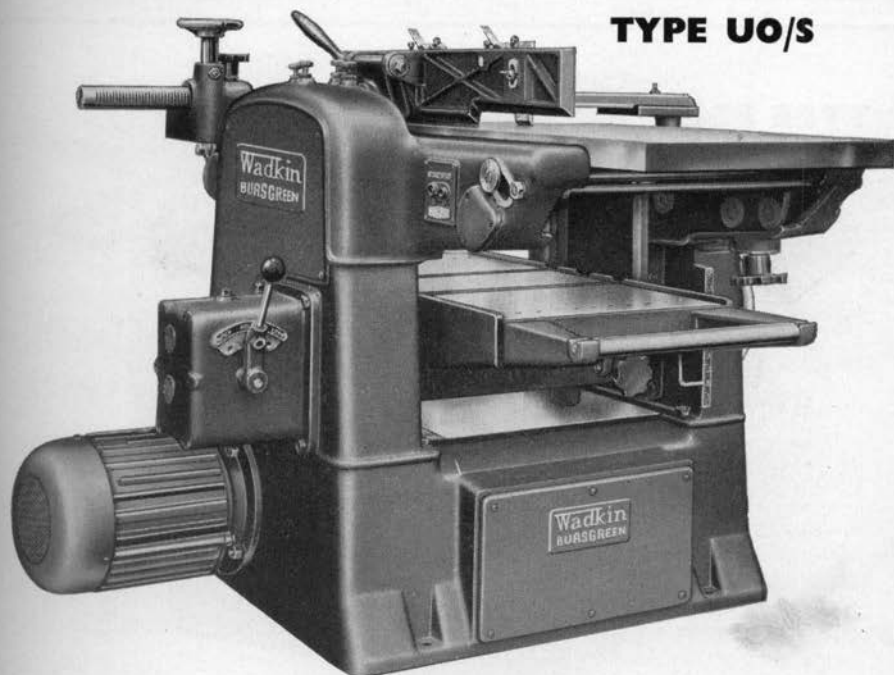
Both tables are precision ground all over. Thicknessing table rises and falls on a large precision ground pillar, and is fitted with anti-friction rollers mounted on "sealed-for-life" ball bearings.

SPECIFICATION

<i>Thicknessing capacity</i>	12 $\frac{1}{2}$ in × 7in	308 × 178mm
<i>Length of thicknessing table</i>	24in	610mm
<i>Overall length of surfacer tables</i>	42 $\frac{1}{2}$ in	1,073mm
<i>Width of surfacer tables</i>	12 $\frac{1}{2}$ in	310mm
<i>Rise and fall of surfacer tables</i>	$\frac{5}{8}$ in	15mm
<i>Maximum depth of rebate</i>	$\frac{1}{2}$ in	12mm
<i>Fence cants to</i>	45°	45°
<i>Cutting circle diameter of cutterblock</i>	4in	100mm
<i>Speed of cutterblock in r.p.m.</i>	5,000	5,000
<i>Feed speeds per min.</i>	15ft and 30ft	4.5-9m
<i>Floor space</i>	46 $\frac{1}{2}$ in × 47 $\frac{1}{2}$ in	1,180 × 1,210mm
<i>Net weight</i>	740lb	335kg

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Modern design, strong construction and economical to run, the UO/S will give you quality of finish, accuracy and ease of operation on a wide range of work. The precision ground tables are link mounted and fitted with steel lips.

Thicknesser table is a rigid casting mounted in wide slides. Two adjustable anti-friction rollers assist smooth feeding.

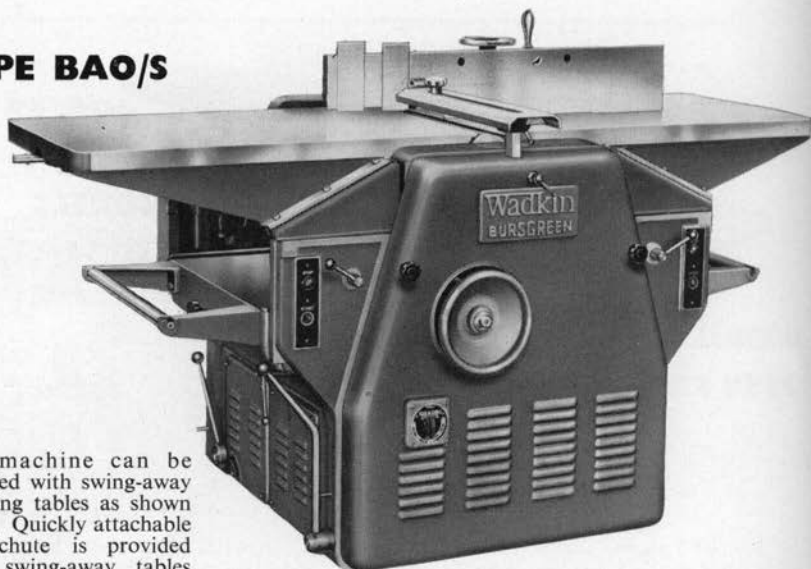
A constant mesh gearbox gives two feed rates of 20ft and 40ft per min., or alternatively a three-speed gearbox giving speeds of 20ft, 30ft and 45ft per min. can be fitted. Feed speed can be selected while machine is running. Rebating to $\frac{1}{2}$ in deep, bevelling, stop chamfering, planning out of wind, etc., can be done on the surfacing table.

SPECIFICATION

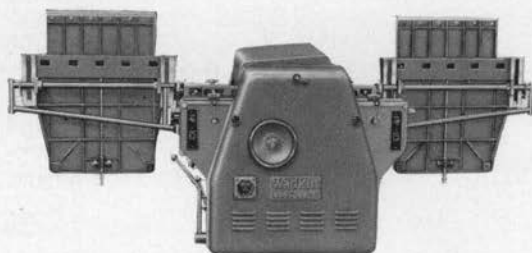
<i>Planing capacity</i>	18in x 9in	460 x 230mm
<i>Rise and fall of surfacing tables</i>	$\frac{1}{2}$ in	12mm
<i>Maximum depth of rebate</i> ...	$\frac{1}{2}$ in	12mm
<i>Length of thicknesser table</i> ...	36in	910mm
<i>Length of surfacing tables</i> ...	66in	1,680mm
<i>Rates of feed — 2 speed gearbox</i>	20ft and 40ft per min.	6-12m/min
<i>3 speed gearbox</i>	20ft, 30ft and 45ft per min.	6-9-14m/min
<i>Diameter cutting circle</i>	4 $\frac{1}{2}$ in	115mm
<i>Diameter of feed rollers</i>	2 $\frac{1}{2}$ in	75mm
<i>Fence cants up to</i>	45°	45°
<i>Speed of cutterblock</i>	5,000 r.p.m.	5,000 r.p.m.
<i>Horse power of motor</i>	5	5
<i>Net weight</i>	2,134lb	970kg

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24in SURFACE PLANING and THICKENING MACHINE
TYPE BAO/S


The machine can be arranged with swing-away surfacing tables as shown below. Quickly attachable chip chute is provided when swing-away tables are fitted.



THICKENING TABLE can be power raised or lowered with final adjustment by handwheel. Two anti-friction table rollers give smooth feeding and can be quickly adjusted at the infeed end. Scale indicates exact planing thickness.

CUTTERBLOCK is ball bearing mounted and fully guarded. It is of the two-knife circular type. Three-knife type is available.

FEED is by two power-driven feed rollers, the infeed roller being spirally serrated for grip and the outfeed plain. Drive to rollers is by chain from a two-speed motor and reduction gearbox. Front and rear pressure bars are fitted.

SURFACER TABLES precision ground, mounted on slides with adjustable strips. Rise and fall is by screw and hand lever at end of table. Locks are provided.

The cutterblock drive is by a totally enclosed fan-cooled motor in the base of the machine, controlled by push-button direct-on contactor starter with no-volt and overload releases. Feed works are driven by independent motor also in the base of machine, controlled by rotary switch. Feed motor switch is interlocked with cutterblock starter for safety.

SPECIFICATION

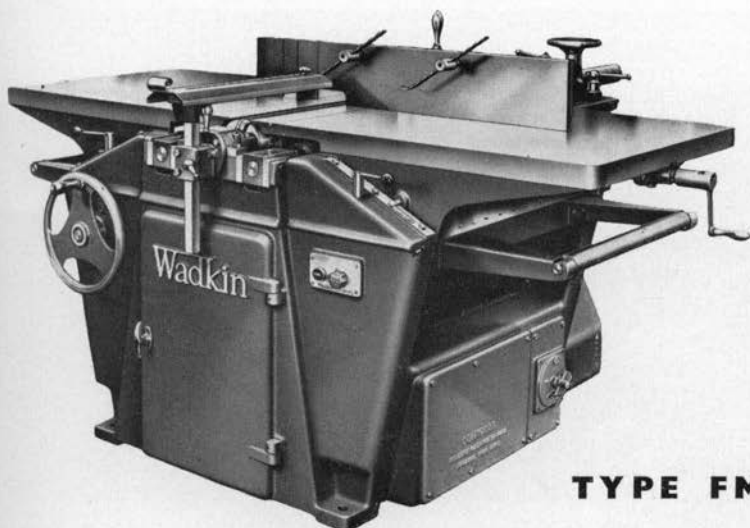
<i>Thickening capacity</i>	24in × 9in	<i>Cutterblock speed, r.p.m.</i> ...	4500
<i>Length of thickening table</i> ...	44in	<i>Cutterblock cutting circle</i> ...	5in
<i>Overall length of surfacer tables</i>	76in	<i>Horsepower of cutterblock motor</i>	5
<i>Width of surfacer tables</i>	24 $\frac{3}{8}$ in	<i>Optional</i>	7 $\frac{1}{2}$
<i>Rise and fall of surfacer tables</i>	$\frac{1}{2}$ in	<i>Feed speeds per minute</i> ...	20, 30, 40, 60ft
<i>Maximum depth rebate</i>	$\frac{1}{8}$ in	<i>Approx. floor space:</i>	
<i>Height of surfacer tables from floor</i>	37in	<i>Standard machine</i>	86in × 75in
<i>Size of fence</i>	35 $\frac{1}{2}$ in × 6in	<i>Swing-away tables</i>	124in × 75in
<i>Fence cants up to</i>	45°	<i>Approx. nett weight</i>	2800lb

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Wadkin

18in & 24in Combined SURFACER & THICKNESSER



TYPE FM

This machine represents a distinct advance in Combined Planing and Thicknessing machines. It is thoroughly modern both in appearance and performance. It takes less floor space, produces a better finish at a faster speed, is quicker and easier to adjust, is safer to operate and requires less maintenance. These and other advantages stem from many engineering refinements and design features. On the 24in machine power rise and fall is an optional extra.

SPECIFICATION

	18in size	455mm	24in size	610mm
Thicknessing capacity ...	18in x 9in	455mm x 230mm	24in x 9in	610mm x 230mm
Max. depth of cut when thicknessing ...	$\frac{1}{8}$ in	8mm	$\frac{1}{8}$ in	8mm
Surfacing capacity without removing fence ...	20in	505mm	26in	660mm
Max. depth of cut on surfacing tables ...	$\frac{3}{4}$ in	19mm	$\frac{3}{4}$ in	19mm
Max. depth of rebate in any width of timber ...	$\frac{1}{2}$ in	13mm	$\frac{1}{2}$ in	13mm
Length of surfacing tables overall ...	6ft 1in	1855mm	6ft 1in	1855mm
Length of thicknessing table	3ft 7 $\frac{1}{2}$ in	1105mm	3ft 7 $\frac{1}{2}$ in	1105mm
Height of surfacing table from floor ...	2ft 10in	865mm	2ft 10in	865mm
Fence on surfacing table cants ...	45°	45°	45°	45°
Approx. speed of cutterblock in r.p.m. ...	4,500	4,500	4,500	4,500
Standard rates of power feed in f.p.m. ...	25, 35, 55	8, 11, 17m	25, 35, 55	8, 11, 17m
Horse power of motor ...	5	5	7 $\frac{1}{2}$	7 $\frac{1}{2}$
Floor space ...	6ft 1in x 4ft 3in	1855mm x 1420mm	6ft 1in x 4ft 9in	1855 x 1450mm
Approximate net weight ...	2688lb	1220k	3276lb	1485kg
Approximate gross weight	3276lb	1485kg	3808lb	1730kg

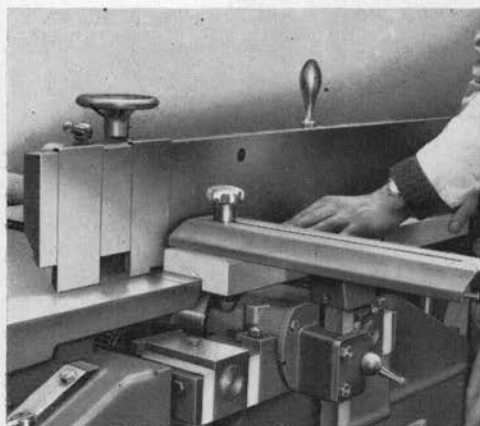
STANDARD EQUIPMENT : Motor, control gear and insulated wiring ; one canting fence complete with holding-down springs ; one pair of solid high-speed steel cutters for safety circular cutterblock ; one cutter guard ; one lubricating gun and tin of lubricant ; one set of spanners.

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Wadkin

18in & 24in Combined SURFACER & THICKNESSER

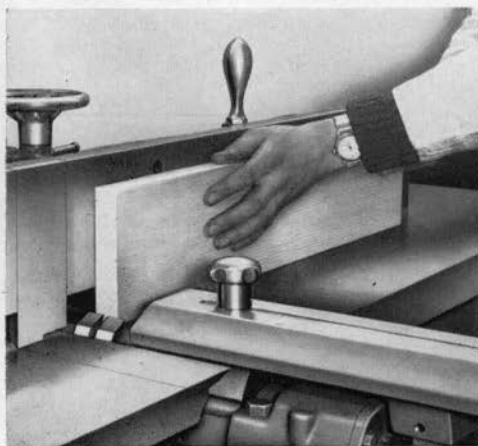
TYPE FM



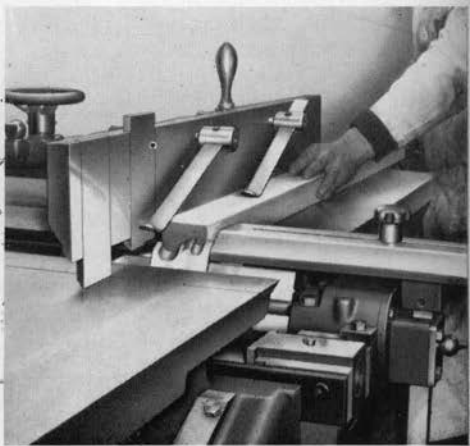
REBATING can be done $\frac{1}{2}$ in deep in any width of timber, or 1in deep when the timber overhanging the table does not exceed $1\frac{1}{2}$ in.



BEVELLING. Fence can be locked at any angle up to 45° .



TONGUEING AND GROOVING. Back and front tables are set level and the fence adjusted to give the exact location of the tongue. After the tongues have been cut, the cutters are changed for the grooving operation.



MOULDING. Mouldings may be worked up to $\frac{1}{2}$ in deep without removing pressure bars. The timber is fed by hand as shown or for longer runs by the power feed on the thicknessing table without further adjustment.

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LIGHT DUTY SPINDLE MOULDER



TYPE BER

This spindle moulder is built to carry a wide variety of cutter equipment including production type two wing solid profile cutters which make it capable of producing an enormous variety of mouldings at relatively low cost. With vibrationless cutting speeds of 7,000 and 10,000 r.p.m. the quality of the work done is of an extremely high standard.

The main frame comprises a substantial cast iron body which totally encloses all working mechanisms, and is mounted on a rigid steel fabricated base with heavy cast iron feet to give maximum spread and stability. Hinged door in the body gives convenient access to the drive. Dust chute is incorporated in the body discharging to the rear which prevents chips entering the working mechanism below the table.

THE SPINDLE is precision ground, and mounted on "sealed-for-life" bearings. It is raised and lowered by means of a handwheel and a rigid hand operated locking device is

incorporated. Spindle lock actuated by lever is provided to facilitate cutter changing.

THE TABLE is precision ground and fitted with two removable rings in the spindle recess to cater for varying sizes of cutters and cutterblocks.

THE MOTOR is a totally enclosed fan cooled, squirrel cage type, controlled by push-button direct on starter. Single phase electric can be supplied.

THE DRIVE is by special endless flat belt and two step motor pulley. Quick acting belt retensioning device lever is provided.

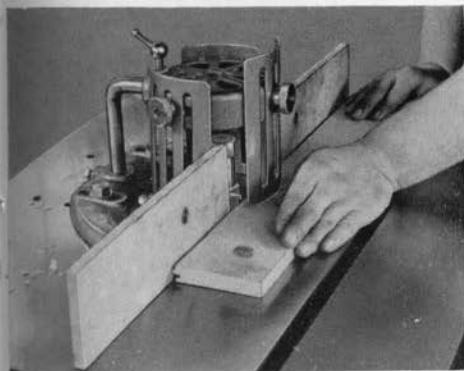
SPECIFICATION

Standard diameter of top piece	$\frac{3}{4}$ in	20mm
Size of table	30in \times 24in	760 \times 610mm
Speed of spindle (r.p.m.)	7,000 and 10,000	7,000/10,000
Alternative speeds to order (r.p.m.)	5,000 and 7,000	5,000/7,000
Rise and fall of spindle	2in	50mm
Height of table from floor	33 $\frac{1}{2}$ in	850mm
Horsepower of motor (3 phase)	2	2
Speeds of motor (r.p.m.)	3,000	3,000
Floor space	30in \times 25in	760 \times 635mm
Net weight	350lb	160kg

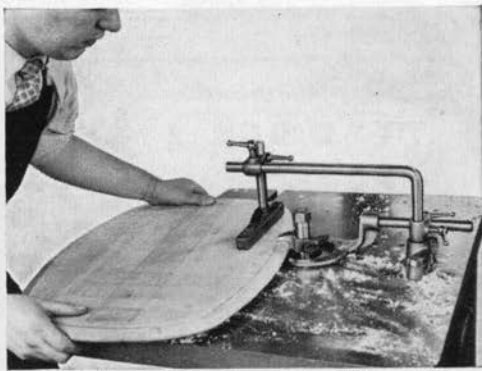
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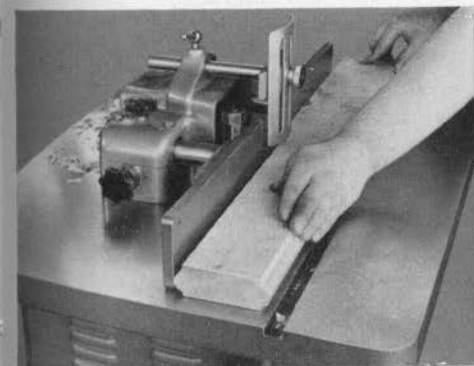
Some typical applications



Machining a reversible glue joint using plain wood fence plates and universal guard. Cutter is a solid profile type No. 12.



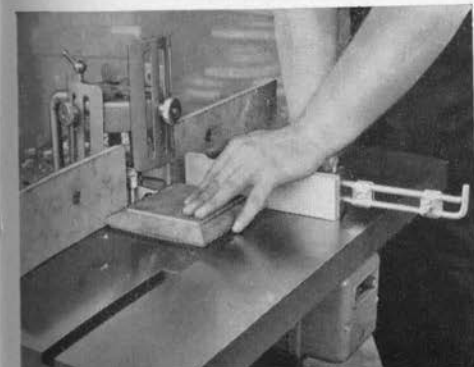
Moulding table edge with solid profile Cutter No. 50, using template and ring fence with top pressure Shaw guard.



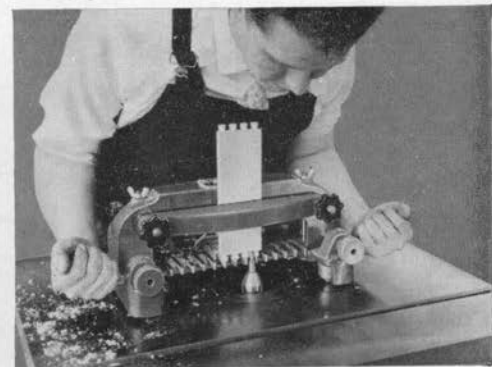
This adjustable precision metal fence, combining dust hood and guard ensures maximum efficiency and safety on all straight work.



Shaping with slotted collars. (Universal guard removed to show detail.)



Small components such as the newel cap can be moulded with speed, accuracy and complete safety with the aid of the sliding fence shown.



Dovetailing can be easily and efficiently performed on this machine.

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MEDIUM DUTY SPINDLE MOULDER

TYPE BER 2



This machine has several new features making it more versatile than any other Spindle Moulder. It is designed to carry 1½in, 1in or ¾in top pieces to accept a wide range of cutter equipment. With vibrationless cutter speeds of 4,500 r.p.m. and 7,000 r.p.m. the quality of work produced is of a high standard, whilst its sound engineering ensures consistently dependable operation.

THE SPINDLE is precision ground, dynamically balanced, and mounted on ball bearings in a dust proof housing.

THE TABLE is 40in × 34in, and is precision ground. It is fitted with two removable rings in the spindle recess to cater for varying sizes of cutters and cutterblocks. A tee groove is provided to receive cross moulding or mitreing fence.

THE MOTOR for 3 phase supply is a 3 h.p. 3,000 r.p.m. totally enclosed fan cooled squirrel caged type. It is controlled by start and stop push buttons, remotely controlling automatic contactor gear, having no volt and overload releases. The machine is also fitted with a 4 position control lever giving "run", "brake", "free" and "lock" positions.

SPECIFICATION

Diameter of top piece	...	...	...	1½in	31.7mm
Optional diameter of top piece	...	...	...	¾in, 1in	20mm, 25mm
Size of table (standard)	...	...	...	40in × 34in	1015mm × 865mm
Speed of spindle	...	...	...	4,500 and 7,000 r.p.m.	4,500 and 7,000 r.p.m.
Rise and fall of spindle	...	...	...	3in	75mm
Table height	...	...	...	33½in	850mm
Size of fence plates	...	...	...	14in × 4½in	355mm × 115mm
H.P. of motor (3 phase)	...	...	...	3 (4 h.p. optional)	3 (4 h.p. optional)
H.P. of motor (single phase)	...	...	...	3	3
Speed of motor	...	...	...	3,000 r.p.m.	3,000 r.p.m.
Floor space	...	...	...	40in × 34in	1015mm × 865mm
Approx nett weight	...	...	...	510lbs	230kg

STANDARD EQUIPMENT: Motor and control gear, independently adjustable fence with metal front plates, one 1½in diam. loose top piece, one set of making up collars, one set of spanners, grease gun, tin of lubricant.

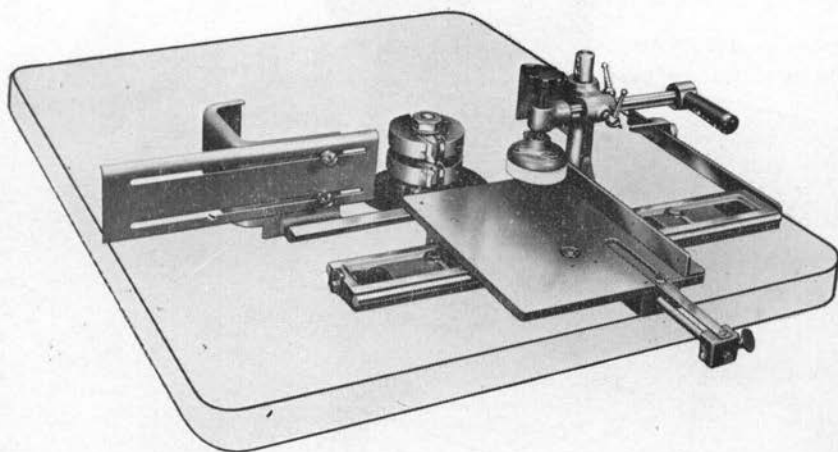
OPTIONAL EXTRAS: Cutter guards, ring fence, cutter equipment, tenoning attachment.

PARRY & SON (Tools) LTD., 325-329 & 333 Old Street, London, E.C.1

Also at: 186-188 Main Road, Biggin Hill, Kent. Telephones: Biggin Hill 3777-3800

**SLIDING TABLE
 TENONING ATTACHMENT**

for Spindle Moulders



With this sliding table attachment any standard spindle moulder can be quickly adapted to do a wide variety of tenoning conveniently and accurately. Two standard 5in circular blocks can be mounted on the machine spindle to cut and if necessary scribe the shoulders of tenons up to 2in long at one pass. With the flush mounted 4in diameter cutterblock, tenons up to 6in long can be cut at two passes. The attachment can also be used for other operations such as half-lapping, corner locking and for short panels or caps which are difficult to hold by hand.

The table is mounted on three sealed-for-life ball bearings, grooved to coincide with circular hardened steel runways. It is provided with an adjustable stop to maintain constant distance between shoulders on repetition work. Screw clamp holds the stock securely whilst cutting. Adjustable guard carried on the sliding table provides full protection for the operator.

SPECIFICATION
SLIDING TABLE

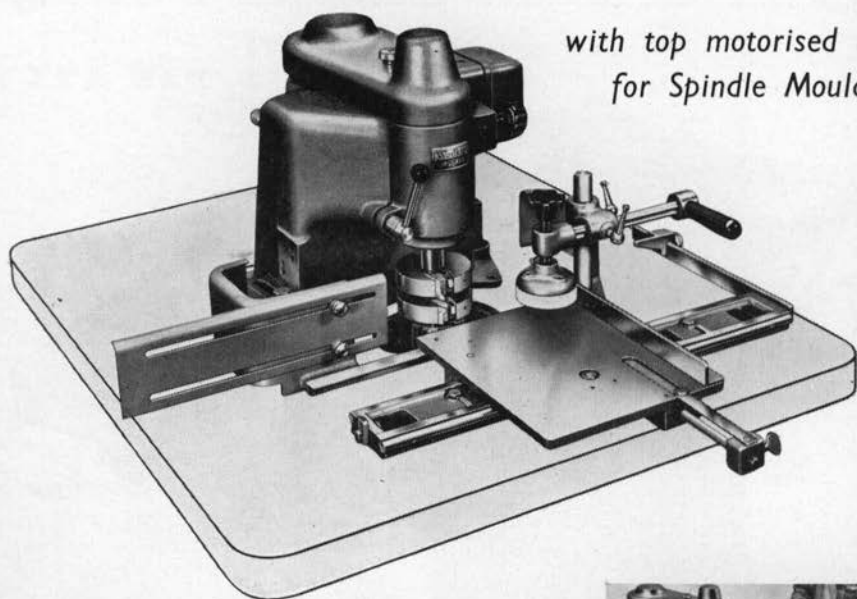
<i>Maximum thickness admitted</i>	...	...	...	...	3in	75mm
<i>Maximum width admitted</i>	...	...	...	...	10in	255mm
<i>Maximum length of tenon with two 5in (125mm) diameter blocks</i>	...	...	...	...	2in	50mm
<i>Maximum length of tenon with two passes using 4in (100mm) flush mounted cutterblock</i>	...	...	...	...	6in	150mm
<i>Table size</i>	8 $\frac{1}{2}$ in x 12in	220 x 300mm
<i>Travel of table</i>	14in	355mm
<i>Net weight</i>	46lb	20kg

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TENONING ATTACHMENT



*with top motorised unit
for Spindle Moulders*

Where a tenoning machine is not available, this comparatively inexpensive attachment will enable tenoning to be done on any standard size spindle moulder on a production basis.

Consists of overhead motorised unit and sliding table, both secured to the spindle moulder table. With flush mounted circular blocks on top unit and spindle moulder spindles, tenons up to 4½ in long in timber up to 3 in thick and 10 in wide can be quickly and easily cut and scribed at fast rates with complete safety.

The overhead unit is self contained with 2 h.p. motor and vee-belt drive to spindle. Can be quickly offset for unequal tenons. Vertical movement of 2½ in is provided. When not required it is quickly detachable by unscrewing two bolts. Sliding Table described on page 153 can be supplied without top unit if required.



SPECIFICATION

SLIDING TABLE (See full specification on page 153)

MOTORISED TOP HEAD UNIT

<i>Spindle speed</i>	...	...	...	...	...	7,000 r.p.m.	7,000 r.p.m.
<i>Horsepower of motor</i>	...	...	...	...	...	2	2
<i>Rise and fall of spindle</i>	2½ in	55mm
<i>Diameter of cutterblock</i>	4in	100mm
<i>Net weight</i>	135lb	60kg

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SPINDLE MOULDER



TYPE BEN

Precision built throughout, this machine will produce work of the highest quality and accuracy. The many exclusive features incorporated provide a machine which is easy to operate and which requires the minimum of maintenance.

THE MAIN FRAME is a steel fabrication.

THE TABLE is precision ground. It is fitted with three removable rings to accept varying sizes of cutterblock.

THE SPINDLE runs on high speed precision ball bearings lubricated by a patented oil mist system. Spindle is housed in a barrel type housing which

carries the complete drive unit, and rises and falls in a sleeve mounted on the underside of the table. Slide lock is provided. Spindle top piece is secured by gunmetal nut. A spindle lock is provided, electrically interlocked with motor. A foot operated spindle brake incorporating an electrical stop switch is fitted.

THE DRIVE is from 3 h.p. totally enclosed motor, push-button controlled.

THE FENCE is of the horseshoe type and incorporates dust hood and guard.

SPECIFICATION

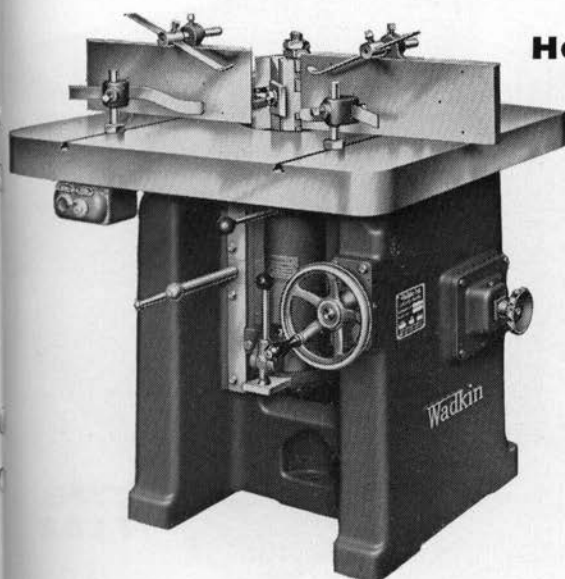
<i>Standard diameter top piece</i> ...	1½ in	30mm
<i>Spindle speeds in r.p.m.</i> ...	4,500, 7,200, 10,000	
<i>Will deal with work up to</i> ...	4 in deep	100mm
<i>Rise and fall of spindle</i> ...	4 in	100mm
<i>Size of table</i> ...	33 in × 26 in	840 × 660mm
<i>Height of table from floor</i> ...	33 in	840mm
<i>Floor space</i> ...	33 in × 26 in	840 × 660mm
<i>Three circular table plates give openings</i> ...	3½ in, 4½ in, 7 in and 9½ in	90, 115, 180, 240mm
<i>Size of fence plates</i> ...	4 in deep, 14 in long	100 × 355mm
<i>Horsepower of motor</i> ...	3	3
<i>Net weight</i> ...	530 lb	240 kg

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Wadkin

SPINDLE MOULDERS



Heavy Duty TYPE EQ

Built throughout to exacting standards of engineering, a Wadkin Spindle Moulder will produce work of the highest quality and accuracy. The many exclusive features including oil mist lubrication incorporated in the design provide a machine that is easy to operate and which requires the minimum of maintenance.

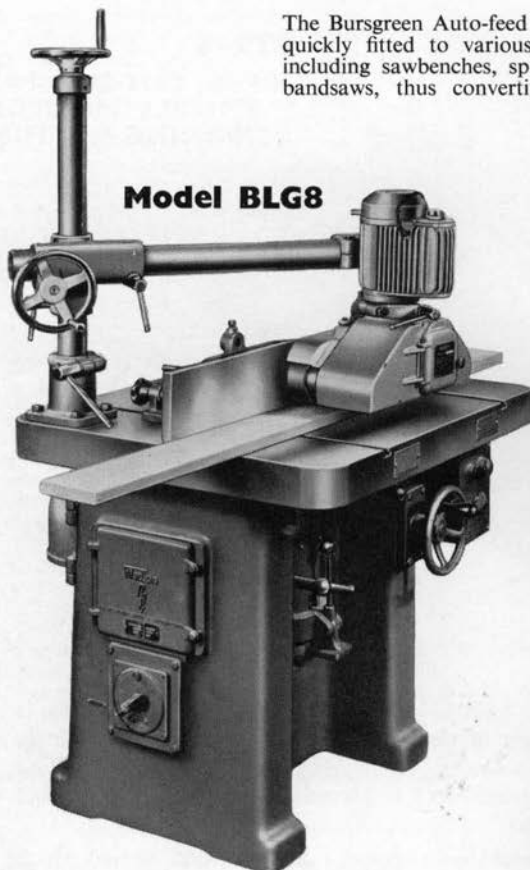
Model EQ is a heavy duty machine for work up to 6in deep and is available either as a single or double type.

SPECIFICATION

	<i>EQ</i>
Standard diameter of top piece	1½in
Alternative diameter of top piece	30mm
Standard spindle speeds in r.p.m.	4,500 and 6,000
Standard spindle speeds for four-speed machines	3,000, 4,500 6,000 and 9,000
Will deal with work up to	6in deep
Rise and fall of spindle	6in
Size of table	36 in × 32in
Height of table from floor	33in
Floor space	36in × 40in
Three circular table plates giving openings of	3½in, 4½in, 7in and 9½in
Size of fence plates	6in × 18in
Horsepower of motor	5
Net weight	1,350lb
<i>Alternative High Speed Model EQZ</i>	
Spindle speed in r.p.m.	15,000
Spindle chuck bored	¾in
Maximum cutting diameter	3½in
Maximum depth of cut	2½in

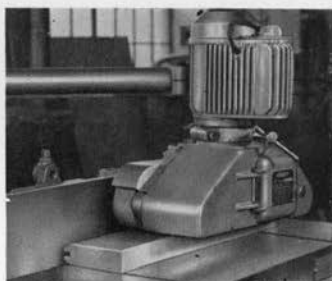
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Model BLG8

The Bursgreen Auto-feed has been designed so that it can be quickly fitted to various types of woodworking machinery including sawbenches, spindle moulders, surface planers and bandsaws, thus converting them into power-fed machines capable of faster rates of production.

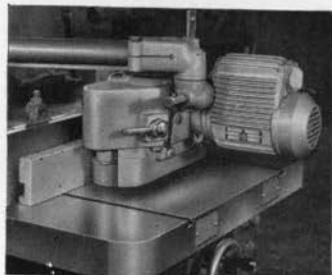
A feature of the Auto-feed design is the speedy and simple method of setting up. It takes but a few seconds to turn the unit through a right-angle to change from facing to edging on a planer or flat cutting to deep cutting on a saw-bench.



Feed unit can be changed to any angle from horizontal to vertical in a few seconds

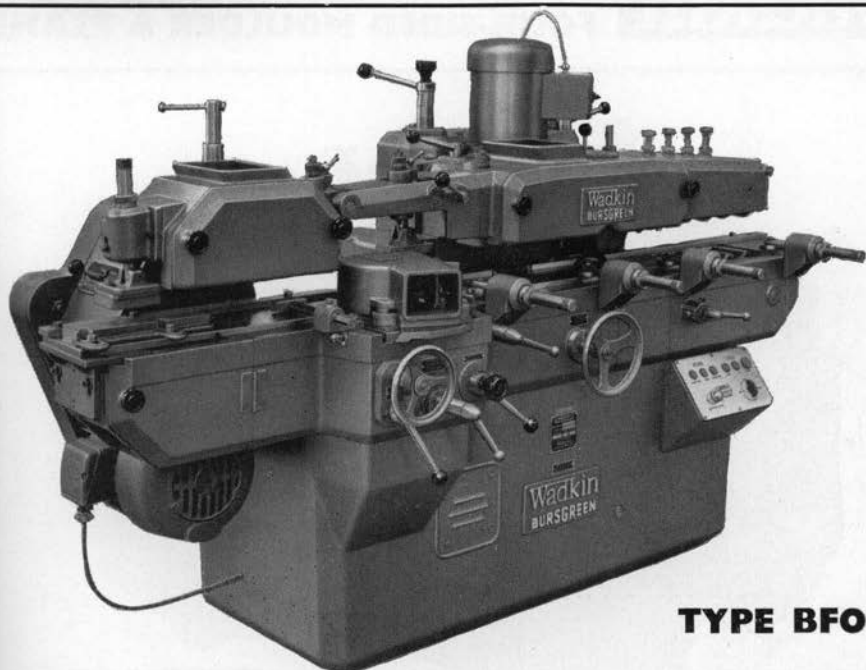


Continuity of feed ensures a smoother finish


Dimensions and Capacities

Two-speed electric motor, giving 8 feed speeds	6, 13, 16, 19, 33, 39, 49, 99	2, 4, 5, 6, 10, 12, 15, 30
	ft. per min.	m/min.
Horsepower of 3-phase motor ...	0.5-0.7	0.5-0.7
Diameter of feed rollers ...	4½ in	114mm
Width of feed rollers ...	1½ in	49mm
Centres of outside rollers ...	10½ in	273mm
Horizontal adjustment, column base to outside of rollers, feeding on top	0in-28in	0-711mm
Horizontal adjustment, column base to rollers, feeding on side ...	0in-17½ in	0-450mm
Vertical adjustment, table to bottom of rollers, feeding on top	0in-12in	0-305mm
Vertical adjustment, table to top of rollers, feeding on side ...	0in-14½ in	0-368mm
Net weight without universal stand	106lb	49kg
Net weight of universal stand	56lb	25kg
Shipping dimensions (with stand)	7½ cu. ft.	0.212 m ³
Base of universal stand drilled to take four ½ in × 1½ in Whitworth hexagon head bolts.		
Spanner and grease gun included with machine.		

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TYPE BFO

This four-sided moulder is new in conception and in many respects unique. With its extremely compact design, ease of operation and simple adjustments it offers the economy of four-sided working at a price that the smaller shops can well afford. THE OVERHEAD ASSEMBLY embodies in one unit a feed motor, three-speed gearbox, four top feed rolls, and complete roller pressure system. The unit rises and falls on two screws actuated by handle.

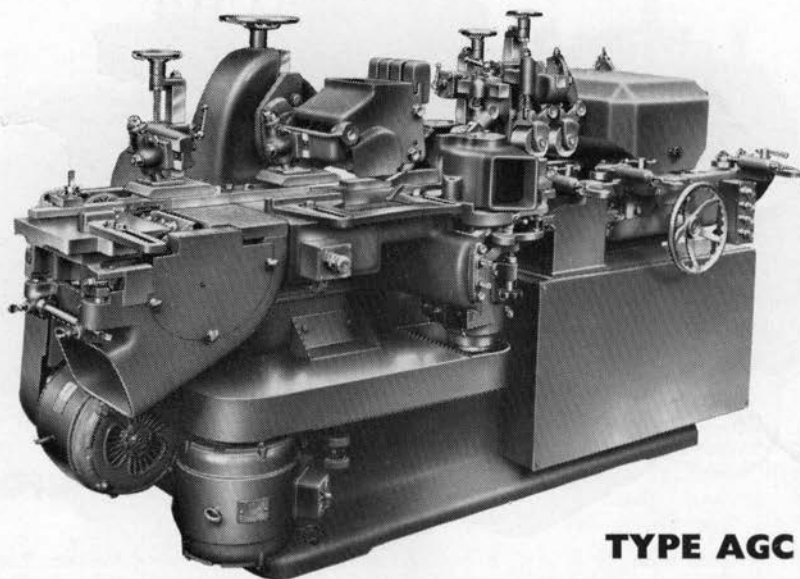
THE HEADS. The layout is bottom head, top head, fence side head, and front side head. Top and bottom heads are driven from a single 7½ h.p. motor by flat belt. Side heads are similarly driven from a second 5 h.p. motor. First bottom head carries both standard cutter block and a thin circular block to produce both a working face and edge to enable the stock to be accurately located on bed and up to the fence in its passage through the machine. There is limited moulding capacity on first bottom head, but where full moulding on both bottom and top of stock is required a fifth head is recommended. This may be used either as a top or bottom head.

SPECIFICATION

Maximum size of timber to finish	4½in × 3in	4¾in × 3¼in	120 × 90mm
Minimum cutting circle		5in	127mm
Maximum cutting circle —	First bottom head	5½in	146mm
	Top head	7in	178mm
	side heads	6¼in	159mm
Feed speeds per min. —	Single speed motor	20, 30, 50ft	6, 9, 15m
	Two speed motor	15, 20, 25, 30, 40, 50ft.	4, 6, 7, 9, 12, 15m
Diameter of spindle end		1¼in	31.7mm
Optional diameter of spindle end			30mm
Horsepower of feed motor		3	3
Horsepower of spindle motors —	Top and bottom heads	7½	7½
	Side heads	5	5
	Fifth head	5	5
Spindle speeds (r.p.m.)		5,000	5,000
Diameter of feed rolls		2½in	73mm
Floor space	Four head	72in × 35in	1,830 × 890mm
	Five head	84in × 35in	2,130 × 890mm
Net weight approx.	Four head	2,460lb	1,120kg
	Five head	2,684lb	1,220kg

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Wadkin**7in x 4in****FOUR-SIDED MOULDER & PLANER****TYPE AGC**

This inexpensive, general purpose moulder produces high grade finish at high rates of production. It has the engineering features and operating advantages to ensure the quick set ups, convenient change overs, low running and maintenance costs, which make for economic moulder operation. The machine is available with 4, 5 or 6 individually motorised heads.

SPECIFICATION

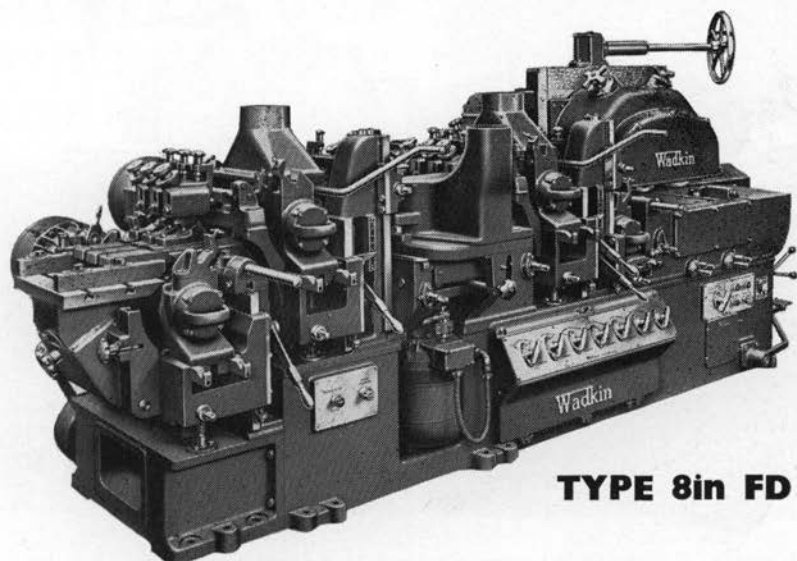
Max. size of timber to finish	7in. × 4 in.	7½in × 4½in	190 × 108mm
Minimum cutting circle	...	6½in dia.	165mm
Maximum cutting circle: 1st bottom head	...	7½in	200mm
Side heads	...	9in	230mm
Top heads	...	9½in	240mm
Second bottom head	...	10½in	270mm
Spindle speeds	...	5,000 r.p.m.	5,000 r.p.m.
Feed speeds in feet per minute	...	15, 30, 38, 46, 75, 115	15, 30, 38, 46, 75, 115
Diameter of spindle end	...	1 ⅜ in	46.03mm
Spindle motors: Horizontal heads	...	7½ h.p.	7½ h.p.
Side heads	...	5 h.p.	5 h.p.
Larger horsepower motors can be fitted			
Horsepower of feed motor	...	5 h.p.	5 h.p.
Approximate net weight (4 Head)	...	5 820lb	2,640kg
Floor space (4 Head)	...	105in × 51in	2,670 × 1,300mm
Available with the following head arrangements:			
Bottom, fence side, near side, top			
Bottom, fence side, near side, top, bottom			
Bottom, top, fence side, near side, top			
Bottom, top, fence side, near side, top, bottom			

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Wadkin

8in ELECTRIC PLANING & MOULDING MACHINE



TYPE 8in FD

This is a self-contained high frequency operated moulder with many operating advantages and mechanical features ensuring economical production of high grade work. All spindles are the same diameter. Cutter equipment is interchangeable. Changing set up is a simple operation which can be done in less time than any other moulder. The machine is available with 4, 5 or 6 heads.

SPECIFICATION

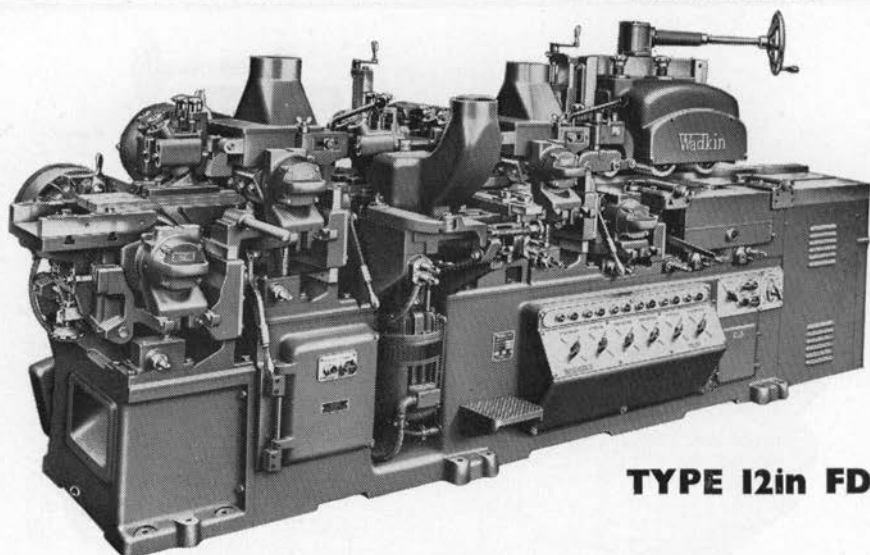
Maximum size of timber admitted to finish	8in × 4in*	...	...	8½in × 4½in
Minimum cutting circle, all heads	...	...	...	6½in
Maximum cutting circle: First bottom head	...	...	...	7½in
Top heads	...	...	...	10½in
Side heads	...	...	...	8½in
Optional second bottom	...	...	...	10½in
End adjustment, all heads	...	...	...	¾in
Side heads cant	45° in, 15° out	...	...
Feed speeds	...	18, 25, 30, 45, 54, 75;	36, 50, 64, 90, 108, 150 f.p.m.	
Alternative speed range	up to 200ft per min.	can be provided.		
Diameter of spindle end	...	...	...	⅝in
Collet sleeves to metric dimensions	can be supplied.			
Spindle motors	...	...	...	10 h.p. at 6,000 r.p.m.
Spindle speeds	...	...	...	4,500 and 6,000 r.p.m.
Horsepower of feed motor	...	...	...	7½
Frequency changer	...	...	...	20kW
Floor space (5 head)	...	...	...	168in × 57in
Net weight (5 head)	...	...	...	15,680lb
Available with the following head arrangements:				
Bottom, fence side, near side, top				
Bottom, fence side, near side, top, bottom				
Bottom, top, fence side, near side, top				
Bottom, top, fence side, near side, top, bottom				

* The machine can be arranged to admit material 9½in wide to finish 9in, to special order.

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12in ELECTRIC PLANING & MOULDING MACHINE



TYPE 12in FD

This machine is in the fullest sense a general high production machine capable of the best class of work. It has direct motorised high frequency heads that can be operated at 6,000 r.p.m. with single knife finish or 4,500 r.p.m. with jointed knives. It is wide enough for the largest patterns within the ordinary run of work yet its unique features of design permit the smallest mouldings to be run with ease and efficiency.

SPECIFICATION

Maximum size of timber admitted to finish	12in × 6in	...	...	12½in × 6½in
Minimum cutting circle	...	...	...	6½in dia
Maximum cutting circle: First bottom head	...	...	...	7½in
Top heads	...	...	...	10½in
Side heads	...	...	...	9in
Second bottom head	...	...	...	10½in
End adjustment to all heads	...	...	...	¾in
Feed speeds, feet per minute	18, 25, 32, 45, 55, 75; 36, 50, 64, 90, 110, 150	...	...	...
*Speed range up to 200ft per min. can be provided.				
Diameter of spindle ends	...	...	...	1½in
Collet sleeves to metric dimensions can be supplied.				
Larger horizontal spindle end diameters can be provided.				
Spindle motors: Horizontal heads (top)	...	...	...	25 h.p. at 6,000 r.p.m.
Horizontal heads (bottom)	...	...	...	15 h.p. at 6,000 r.p.m.
Front side head	...	...	...	15 h.p. at 6,000 r.p.m.
Fence side head	...	...	...	10 h.p. at 6,000 r.p.m.
Spindle speeds	...	...	...	4,500 and 6,000 r.p.m.
Horsepower of feed motor	...	...	...	10
Frequency changer	...	...	...	37½ kW. (47 kVA.)
Floor space 6-head machine	...	...	...	180in × 60in
Net weight 6-head machine	...	...	...	18,100lb
Available with the following head arrangements:				
Bottom, fence side, near side, top				
Bottom, fence side, near side, top, bottom				
Bottom, fence side, near side, top, top				
Bottom, top, fence side, near side, top				
Bottom, top, fence side, near side, top, bottom				
*Model F.D.F. for speeds up to 250ft per min. is available.				

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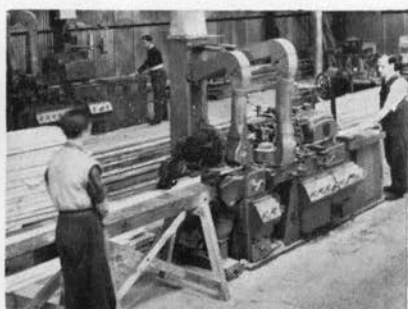
*Some satisfied users
of the WADKIN
ELECTRIC PLANING &
MOULDING MACHINE
TYPE F.D.*



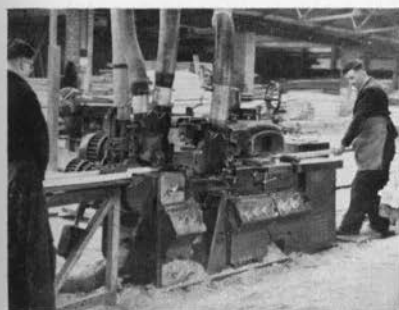
*William Tatham Ltd.,
Rochdale.*



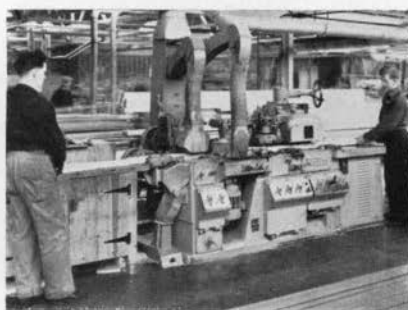
*Tom. M. Scotney Ltd.,
Saint Ives, Huntingdon.*



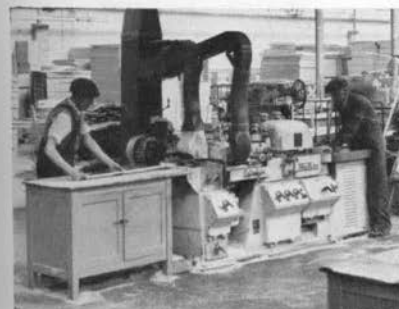
*Vic Hallam Ltd.,
Langley Mill, Notts.*



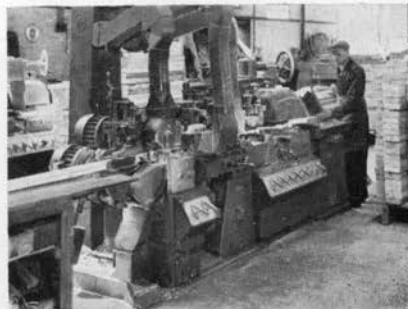
*F. Pratten & Co. Ltd.,
Midsomer Norton, Bath.*



*J. Long & Sons (Bath) Ltd.,
Bath.*



*Co-operative Wholesale Society Ltd.,
Birmingham.*



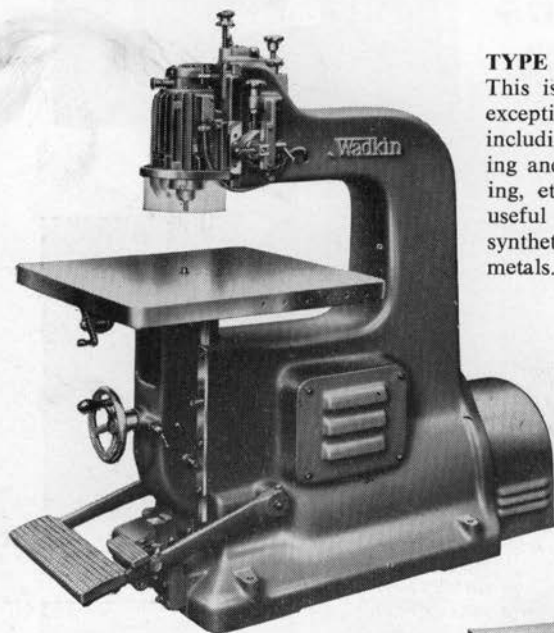
*The South Yorkshire Woodworking
Co. Ltd., Doncaster.*

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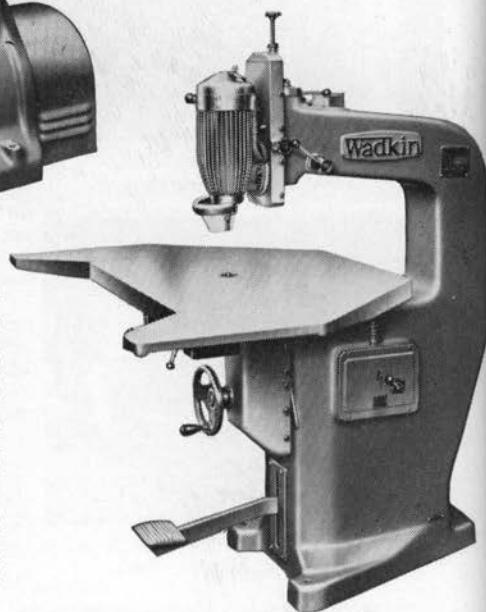
HIGH SPEED ROUTERS

Heavy duty LS • Light duty UR



TYPE LS

This is a heavy duty machine with an exceptionally wide scope of working including piercing, recessing, panel raising and sinking, fluting, moulding, veining, etc. In addition to wood it has a useful application on plastics and other synthetic materials, also for non-ferrous metals.



TYPE UR

This is a general purpose machine built on less powerful lines than the LS type, but still capable of dealing with a wide variety of work. The main difference is in weight of the machine and the power of the head and in the fact that the head movement on this UR type is the opposite to the LS. In this case the head comes down into the job under its own weight and is lifted out by the foot lever. Whilst being less suitable for the heavier type of piercing and recessing, on light work the arrangement can result in faster rates of production.

SPECIFICATION

Throat

Max. distance table and chuck
Chuck will take cutter shanks up to
Total travel of cutter spindle
Size of standard table

Raising & lowering movement of table

Min. height of table
Cutter spindle speeds in r.p.m.
Floor space

Horsepower of motor—continuous
rating

Net weight, including frequency changer

LS

24½ in (620mm)
9 in (230mm)
in dia. (14mm)
4 in (100mm)
30 in × 30 in
(760 × 760mm)
5 in (130mm)
35 in (890mm)
18,000 and 24,000
66 in × 30 in
(1680 × 760mm)
4
1,680 lb (760kg)

UR

24 in (610mm)
11 in (280mm)
⅝ in dia. (14mm)
4 in (100mm)
30 in × 27½ in
(760 × 700mm)
6 in (150mm)
33 in (840mm)
12,000 and 18,000
43 in × 30 in
(1,090 × 760mm)
3
900 lb (410kg)

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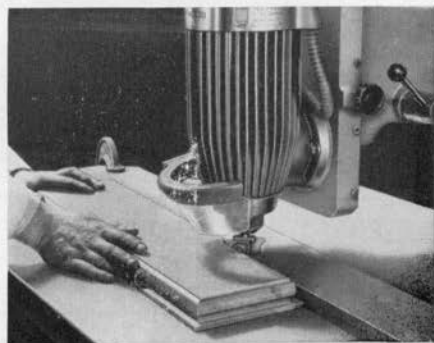
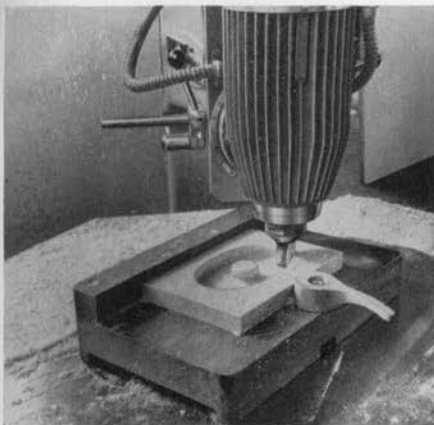
Wadkin

HIGH SPEED ROUTERS

Light duty UR • Heavy duty LS



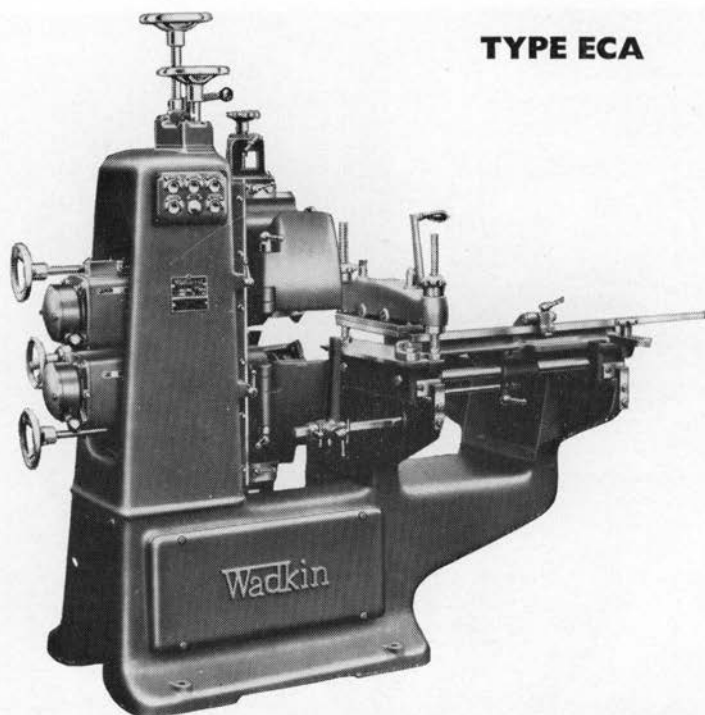
Typical examples of moulding and shaping operations successfully carried out on these machines.



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Wadkin

SINGLE END TENONER



TYPE ECA

This handy compact machine is capable of handling cabinet work, light door work, sash, etc., at high rates of production. It has been specially designed for fast easy operation. Adjustments are readily accessible and easy to make. The machine will tenon, scribe the shoulders and cut off to length at one operation.

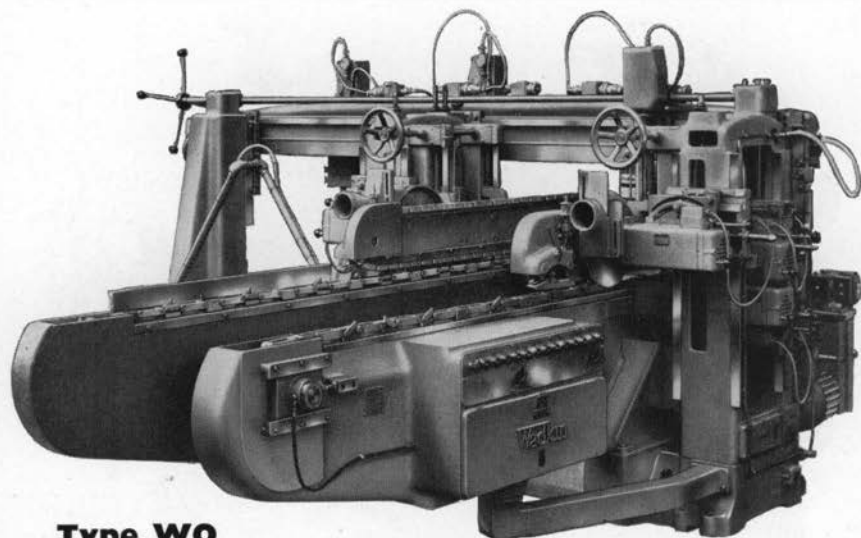
SPECIFICATION

<i>Will admit timber up to</i>	14in × 4½in (350 × 115mm)
<i>Will cut tenons at one operation</i>	5in long (130mm)
<i>Fence may be swivelled 45° for angular tenons.</i>	
<i>Top cutter head will rise 4¼in (110mm) above table.</i>	
<i>Will take 60in (1,525mm) between shoulders of tenons using turnover stop.</i>	
<i>Size of table</i>	30in × 16in (760 × 400mm)
<i>Diameter of cutting-off saw</i>	12in (300mm)
<i>Diameter of horizontal and scribing spindle ends</i>	1½in (31.7mm)
<i>Diameter of spindle end for cut-off saw</i>	1in (25.4mm)
<i>Speed of all motors, r.p.m.: 50 cycles</i>	3,000
<i>Horsepower of motors for horizontal cutterheads</i>	2
<i>Horsepower of motors for scribing heads</i>	2
<i>Horsepower of motor for rear cut-off saw</i>	1½
<i>Floor space (approximate)</i>	60in × 57in (1,520 × 1,450mm)
<i>Net weight complete machine with cut-off saw</i>	2,300lb (1,040kg)

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Wadkin DOUBLE END TENONER



Type WO

This is one of the most versatile of all woodworking machines. Apart from tenoning this machine will do double end cutting off, mitre sawing, end or edge profiling, finger and lock jointing, edge grooving, rebating, haunching, sash and door work, etc.

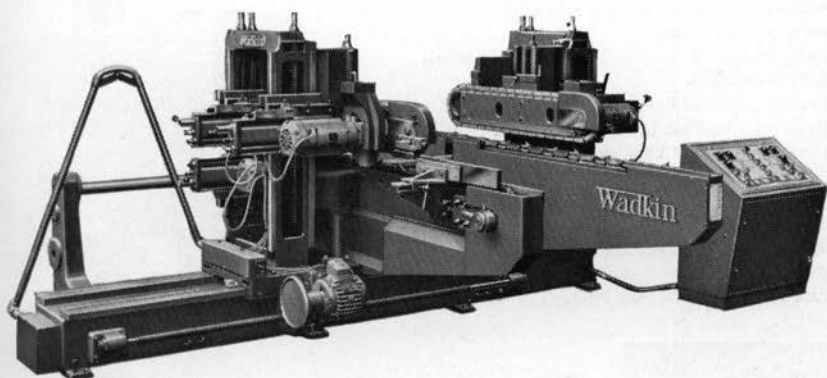
It can be equipped with attachments to do relishing, contour shaping, stopped grooving, jump dadoing, dovetailing and corner rounding. The machine is available with any combination of heads to suit requirements.

SPECIFICATION

Max. section of material admitted	...	...	30in × 3in (762 × 76mm)
To special order will take material of max. section	...	...	42in × 3in (1,066 × 76mm)
*Max. length that will pass between headstocks	...	...	7ft 9in (2,362mm)
*Max. distance over chain track	...	...	6ft 5½in (1,968mm)
*Max. distance between shoulders of tenons	...	...	6ft 6in (1,980mm)
*Max. distance between saws	...	between 6ft 6in and 7ft 8in†	(1980-2,336mm)
†(Max. distance permissible is dependent on the thickness of stock allowing for the necessary overhang from the chain.)			
*Longer beds can be supplied to special order, giving either an extra 2ft 0in or an extra 5ft 6in to these capacities.			
Min. distance between shoulders of tenons	...	...	6½in (165mm)
Max. length of tenons	...	...	4½in (114mm)
Rates of feed in feet per minute	...	...	11, 17, 27 and 40
Horsepower and speed, all heads	...	...	4 h.p., 3,000 r.p.m.
Horsepower, feed motor	...	...	1½ h.p., 1,000 r.p.m.
Horsepower, traverse motor	1 h.p., 1,500 r.p.m.
Floor space	13ft × 12ft (3,940 × 3,600mm)
Net weight, type W.O.	13,500lb (6,096kg)

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Wadkin**Double Ended DIMENSIONING
& PROFILING MACHINE****TYPE WE**

No machine offers greater possibilities for improving production of all classes of manufactured woodwork. The design of this model is based on the successful and widely used Wadkin Double End Tenoner. It will handle a wide range of work with the same degree of accuracy, and by careful simplification of design and engineering, its comparatively low initial cost brings it within the reach of firms whose scale of production and capital resources are limited.

SPECIFICATION

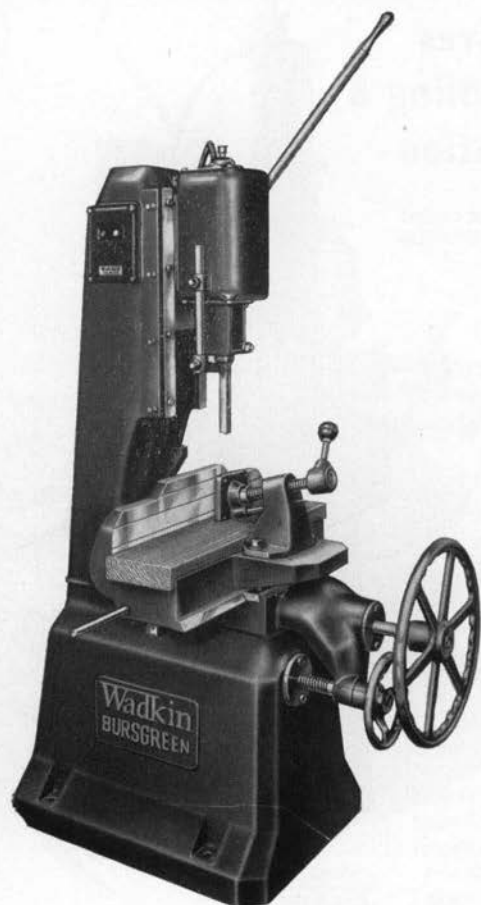
<i>Max. section of material that can be fed with dogs</i>	15in × 6in	385 × 150mm
<i>Length between shoulders of tenons</i>		
—maximum	6ft 6in	1,980mm
—minimum	6in	150mm
<i>Max. length of tenon</i>	4½in	115mm
<i>Diameter of cut-off saws</i>	12in	300mm
<i>Diameter of cutterhead and saw spindles</i>	1¼in	30mm
<i>Rates of feed—50 cycles</i>	15 and 30ft per min	4.5 and 9m per min
<i>Heads will cant, when one head fitted either as top or bottom</i>	180°	180°
<i>Rise and fall of Caterpillar pressures</i>	9in	230mm
<i>Horsepower and speed of motors:</i>		
<i>Head motors, 5 h.p.</i>	3,000 r.p.m.	3,000 r.p.m.
<i>Feed motor, 1 h.p.</i>	1,500 r.p.m.	1,500 r.p.m.
<i>Traverse motor, 1 h.p.</i>	1,500 r.p.m.	1,500 r.p.m.
<i>Net weight approximate</i>	8,500lb	3,900kg

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Wadkin
BURSGREEN

HOLLOW CHISEL MORTISER



TYPE DM

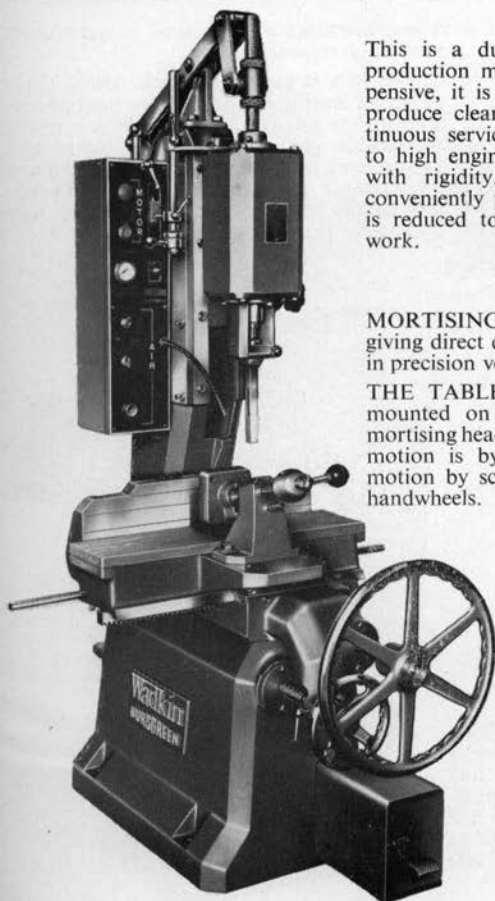
This is a dual-purpose machine essential in any woodworking shop. It can be speedily converted for boring in addition to the normal mortising operations. Mortises up to 1in can be cut in softwoods and up to $\frac{3}{4}$ in square in hardwoods. The boring capacity is 2in diameter maximum. Mortising head consists of a built-in motor with direct drive to chisel unit. The work table moves on machined slides to ensure accurate and easy movement. Both longitudinal and lateral movements are controlled by conveniently placed handwheels. A stop bar for regulating the length of the mortise is incorporated in the work table, and when used in conjunction with the depth stop on the mortising head, completely eliminates the marking out of individual mortises.

This machine can be supplied with air operated stroke to the head (see next page).

SPECIFICATION

<i>Largest chisel which can be used in softwood</i>	...	...	1in square (25mm)
<i>Largest chisel which can be used in hardwood</i>	...	...	$\frac{3}{4}$ in square (19mm)
<i>Timber capacity with 4in chisel</i>	...	10in deep \times 8in wide	(254 \times 200mm)
<i>Timber capacity with 6$\frac{1}{2}$in chisel</i>	...	7 $\frac{1}{2}$ in deep \times 8in wide	(190 \times 200mm)
<i>Size of table</i>	...	...	22in \times 6in (560 \times 150mm)
<i>Longitudinal movement of table</i>	...	...	19in (480mm)
<i>Lateral movement of table</i>	...	...	4in (100mm)
<i>Speed of mortising head spindle in r.p.m.</i>	...	...	3,000 (3,000)
<i>Horsepower of driving motor (3 phase)</i>	2
<i>Floor space</i>	...	34in \times 62in	(860 \times 1,575mm)
<i>Net weight</i>	672lb (304kg)

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This is a dual-purpose, hand or power operated production machine. Although comparatively inexpensive, it is a large capacity machine designed to produce clean, accurate work and give long, continuous service at economical running costs. Built to high engineering standards, it combines strength with rigidity. All controls and adjustments are conveniently placed so that fatigue of the operator is reduced to a minimum during long periods of work.

CONSTRUCTION

MORTISING HEAD has a built-in motor unit giving direct drive to the chisel unit, and is mounted in precision vee slideways on the main frame.

THE TABLE is an accurately machined casting mounted on the main frame directly under the mortising head, with a rear locating face. Longitudinal motion is by rack and pinion gearing and lateral motion by screw, controlled by conveniently placed handwheels.

DEPTH STOP is quickly adjustable to give any depth of mortise and an additional spring-loaded stop is fitted to this bar when haunched mortises are required. An adjustable valve also controls the length of the return stroke.

HEAD CONTROLS are from an air cylinder through links, by a foot pedal. A regulator shows the pressure of the air supplied and also the pressure required for the chisel size. The cycle is controlled by means of a switch and can be either a single cycle or repeat cycle.

SPECIFICATION

<i>Largest chisel which can be used in soft wood ...</i>	1in square	25mm
<i>Largest chisel which can be used in hard wood ...</i>	¾in square	20mm
<i>Timber capacity of machine with 4in chisel ...</i>	10in deep × 8in wide	250mm × 200mm
<i>Timber capacity of machine with 6½in chisel ...</i>	7½in deep × 8in wide	190mm × 200mm
<i>Size of table ...</i>	22in × 6in	560mm × 150mm
<i>Longitudinal movement of table ...</i>	19in	480mm
<i>Lateral movement of table ...</i>	4in	100mm
<i>Speed of mortising head spindle : 50 cycle ...</i>	3,000 r.p.m.	
<i>60 cycle ...</i>	3,600 r.p.m.	
<i>H.P. of driving motor : 3 phase ...</i>	2 h.p.	
<i>1 phase ...</i>	1 h.p.	
<i>Approximate speed of cutting stroke per min.</i>	15ft	4.6m
<i>Working air pressure ...</i>	30-70 p.s.i.	2-5kg/cm ²
<i>Approximate floor space ...</i>	39in × 62in	990mm × 1575mm
<i>Approximate net weight ...</i>	742lb.	337kg
<i>Approximate gross weight ...</i>	896lb.	407kg

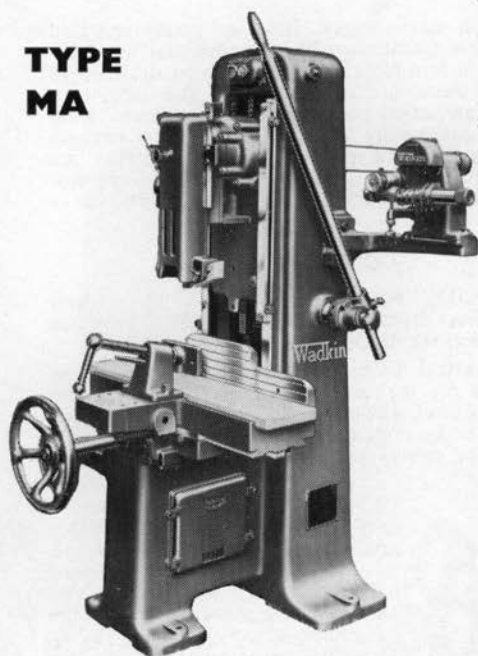
ACCESSORIES INCLUDED: Motor and control gear, set of 4 adaptor bushes for bits and 2 adaptor bushes for chisels, length and depth stops, set of spanners, tin of lubricant.
EXTRAS: Setting-out attachment without floor stand, outer floor stand, turret stop.

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Wadkin CHAIN OR CHISEL MORTISER

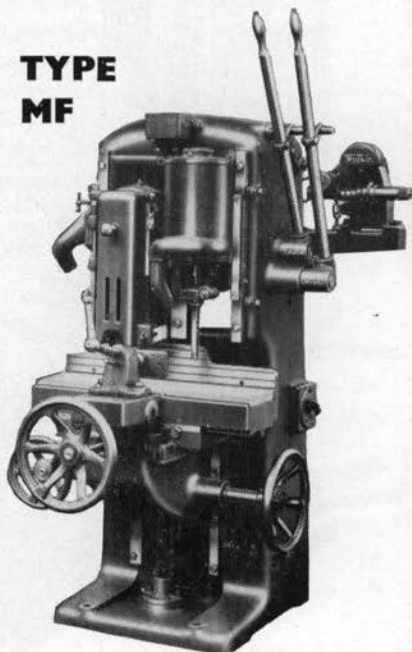
TYPE MA



These machines are designed to meet every mortising requirement.

Model MA is designed to take either chain or chisel headstocks which are interchangeable in less than two minutes. It is a strong serviceable tool comparatively inexpensive in first cost and economical in running and maintenance cost. Table has cross and longitudinal movements and can be fitted with automatic stop attachment.

TYPE MF



Model MF is a combined chain and chisel machine with headstocks mounted side by side. Headstocks are direct motorised and automatically start and stop by the operation of the hand levers. Table has rise and fall and cross traverses and can be fitted with automatic stop attachment to eliminate marking out on repetition work.

SPECIFICATION

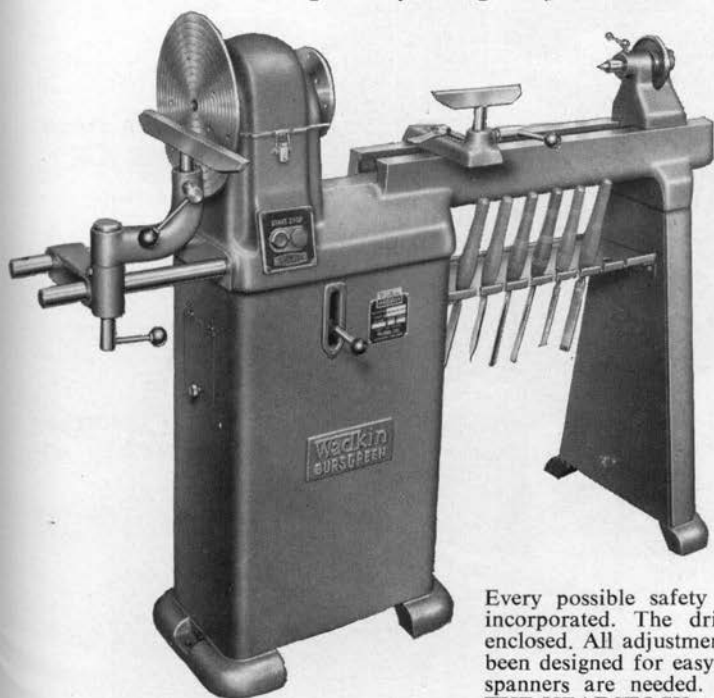
Will take timber up to
Maximum size of mortise using chain
Maximum size of chisel
Will bore up to
Size of table
Minimum height of table from floor
Vertical rise and fall of table
Longitudinal motion of table
Transverse motion of table
Horsepower of motor on chain spindle
Horsepower of motor on chisel spindle
Speed of motors on 50 cycles in r.p.m.
Floor space with maximum movements
Net weight

TYPE MA	TYPE MF
11in deep × 9in wide	12in deep × 9in wide
1½in × 3in × 6in deep	1½in × 3in × 6in deep
1in	1in
1in dia. × 5½in deep	1in dia. × 5½in deep
27in × 8in	27in × 8in
27in	19½in
—	10½in
24in	24in
4½in	4½in
4	4
4	2
3,000	3,000
51in × 42in	51in × 42in
1,320lb	1,510lb

Wadkin
BURSGREEN

5in WOOD TURNING LATHE

Specially designed for school use



**TYPE
BXL**

Every possible safety feature has been incorporated. The drive is completely enclosed. All adjustments and locks have been designed for easy operation and no spanners are needed.

THE HEADSTOCK embodies a vee-belt drive from a motor in the base. Access

to the four-speed pulley on main spindle is through the hinged lid of the headstock. An automatic switch can be fitted to order which cuts off the power to motor when the headstock is opened.

THE MAIN SPINDLE is of high tensile steel and mounted on "sealed-for-life" ball bearings. It is screwed both ends for face plates and bored out at the front end No. 1 morse taper.

THE TAILSTOCK has quick adjustment along bed and fitted with powerful lock. It is bored out for a steel poppet controlled by handwheel and screw. Poppet is bored No. 1 morse taper.

SPECIFICATION

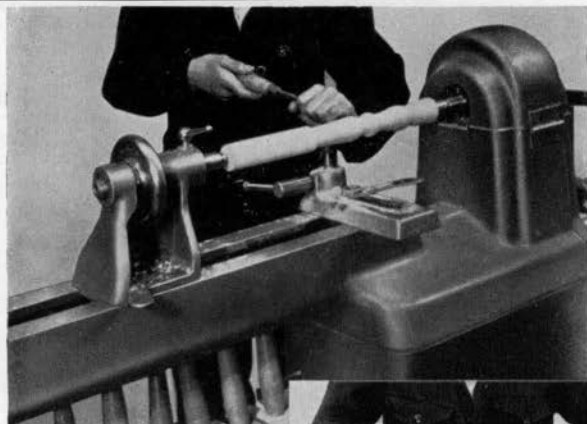
Height of centres	5in 125mm	Max. diameter turned on outside face plate	18in 460mm
Will take between centres	30in 760mm	Speed of spindle (r.p.m.)	425, 800, 1,400, 2,300
Height from floor to centres	40in 1,016mm	Horsepower of motor	1
Dia. turned with gap bed	13in 330mm	Main spindle bored	No. 1 Morse taper
Width turned with gap bed	5in 125mm	Floor space	60in × 17in 1,525 × 430mm
Dia. turned over hand rest	7in 177mm	Net Weight	324lb 147kg
Dia. of inside face plate	6½in 165mm		
Dia. of outside face plate	12in 304mm		

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5in WOOD TURNING LATHE Type BXL



Turning between centres up to a maximum of 30 in.

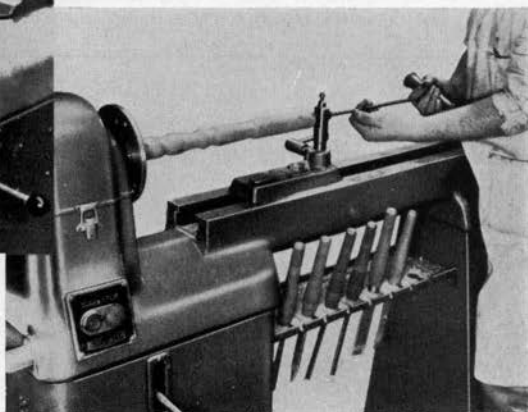
Turning on the inside faceplate up to a maximum of 13 in dia x 5 in deep over gap in bed.



Turning on the outside faceplate up to a maximum of 18 in dia. x 5 in wide.



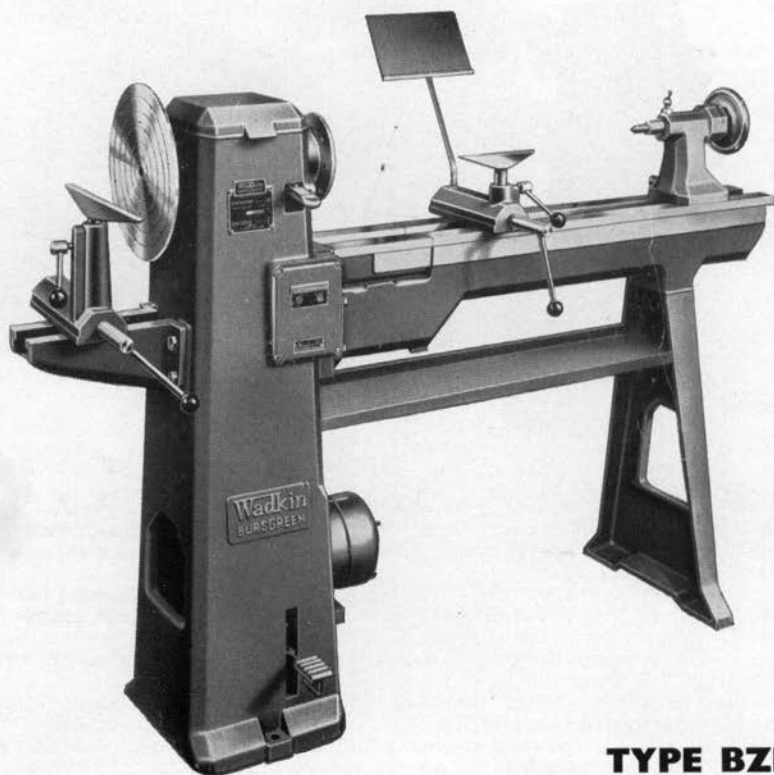
Deep hole boring can be done either through the Tailstock or off a special post in the Toolrest Bracket.



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6in WOOD TURNING LATHE



TYPE BZL

Sturdily built for maximum rigidity, and finely engineered for accuracy this lathe will give continuous trouble-free running with the minimum of attention. Headstock embodies four-speed pulley giving speeds of 425, 800, 1,400 and 2,300 r.p.m. A safety switch automatically cuts off the power to the motor when brake is applied or lid of headstock is raised and motor cannot be restarted until lid is closed.

SPECIFICATION

<i>Height of centres</i>	...	6in	150mm
<i>Will take between centres</i>	...	36in	914mm
<i>Height from floor to centres</i>	...	40in	1,016mm
<i>Diameter turned with gap bed</i>	...	18in	457mm
<i>Width turned with gap bed</i>	...	8½in	216mm
<i>Diameter turned over hand rest</i>	...	8½in	216mm
<i>Speeds of spindle</i>	...	425, 800, 1,400, 2,300 r.p.m.	
<i>Horse power of motor</i>	...	1	
<i>Floor space</i>	...	72in × 21in	1,830 × 530mm
<i>Net weight</i>	...	600lb	272kg

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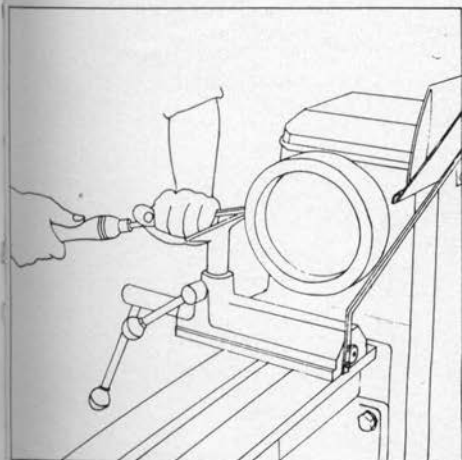
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Some typical applications

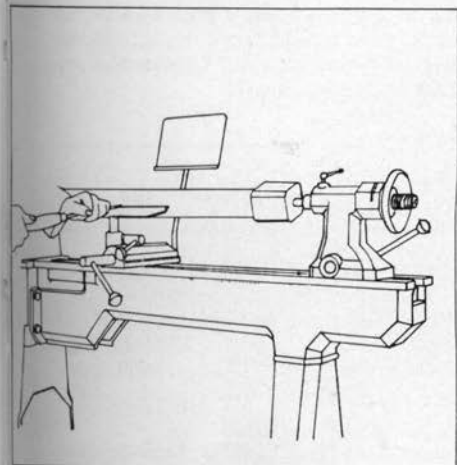
HEADSTOCK SPINDLE UNIT

The spindle is threaded at both ends to receive chucks and faceplates. All centres with a No. 2 morse taper shank will fit into the taper bore in the spindle and which is over the bed.

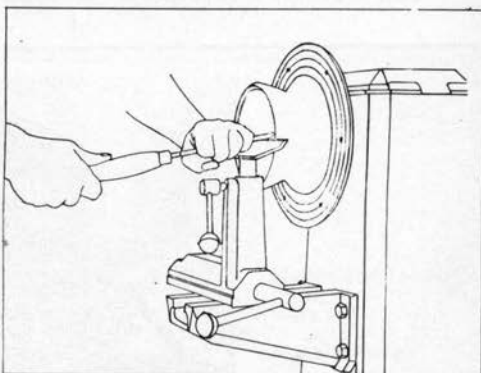
The centre can be ejected from the spindle by means of the knock out rod provided being placed down the centre of the spindle and given a sharp tap.



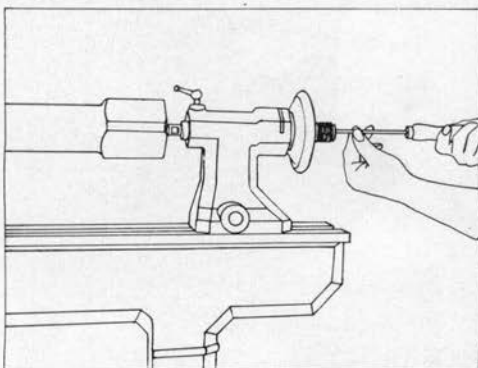
Turning on the inside faceplate up to a maximum of 18in dia. \times 8½in wide with gap bed.



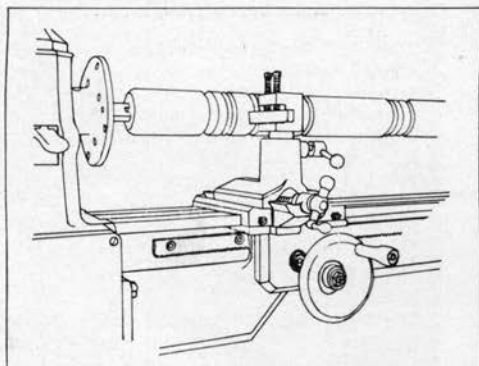
Turning between centres up to a maximum of 3ft.



Turning on the outside faceplate up to a maximum of 20in dia. \times 5in wide.



Deep hole boring can be done either through the Tailstock or off a special post in the Toolrest Bracket.



The machine can be fitted with a rack operated compound tool and slide rest only before despatch from the works.

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Wadkin
BURSGREEN

DISC & BELT SANDER



TYPE BGY3

THE MAIN FRAME is a one-piece casting mounted on a steel sub-base.

THE SANDING DISC is turned steel and runs on "sealed-for-life" ball bearings. It is easily removed for replacement of the abrasive which is cemented on to ensure a dead flat face.

THE TABLE cants 10° above and 45° below horizontal with angle clearly shown on scale. It is grooved to receive a swivelling fence.

THE BELT SANDER can be pivoted and locked in any position between horizontal and vertical. The smaller pulley yoke is spring-loaded for belt tensioning. Knurled handscrew ensures correct tracking of belt.

BELT SANDING TABLE acts as a work when belt is horizontal and as a work table when belt is vertical. It is adjustable to any angle up to 45° from the sanding belt.

THE DRIVE. A motor in the base drives the main spindle through a pair of linked vee belts.

SPECIFICATION

<i>Dia. of sanding disc</i>	16in	405mm
<i>Size of sanding belt</i>	63in × 6in	1,600 × 150mm
<i>Size of disc table</i>	25in × 9in	635 × 230mm
<i>Speed of sanding spindle (r.p.m.)</i>	1,500	1,500
<i>Size of belt sanding bed</i>	18½in × 7in	470 × 175mm
<i>Size of canting table</i>	7½in × 6in	190 × 150mm
<i>Dia. of belt pulleys</i>	6in and 4in	150/100mm
<i>Speed of sanding belt</i>	2,350ft. min.	716m. min.
<i>Maximum floor space</i>	36in × 27in	915 × 685mm
<i>Net weight</i>	670lb	300kg

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Wadkin
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DISC & BELT SANDERS

Reduce costly hand sanding



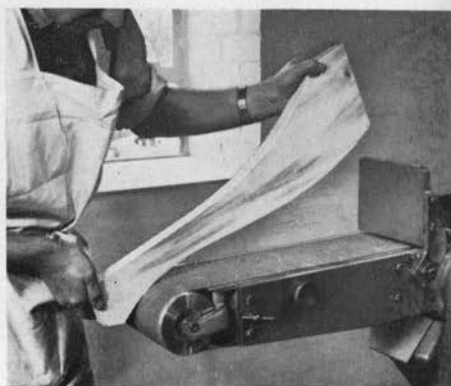
Large disc table provides perfect support for edge sanding straight or external curved work.



Belt can be used either in horizontal or vertical positions for flat or built up work.



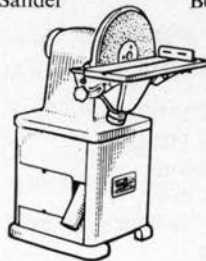
Adjustable swivelling fence and canting table makes bevel sanding both easy and accurate.



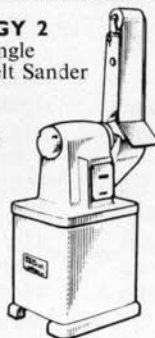
Internal curved work can be sanded over the small diameter idler pulley. Rubber covered pulley can be supplied.

Choose the combination most suited to your job.

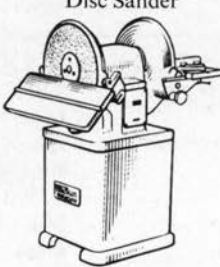
BGY 1
Single Disc
Sander



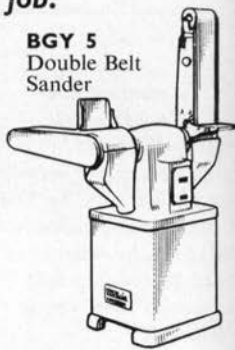
BGY 2
Single
Belt Sander



BGY 4
Double
Disc Sander



BGY 5
Double Belt
Sander



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Wadkin
BURSGREEN

6in BELT SANDER



TYPE BGA

This type of sander, with its relatively low cost, brings all the economy of high-speed machine sanding within the easy reach of every woodworking shop.

THE UNDERTABLE is of wood and moves on dust-proof ball bearing rollers. Raising and lowering of table is by screw and handwheel. The overtable is of wood and carried on substantial metal brackets.

THE SANDING DRUMS are on sealed ball bearings. The main drum is in large dust collecting hopper and mounted direct on the extended shaft of the motor. Idler drum is ball bearing mounted. Belt tracking mechanism also spring tensioning device are provided.

THE TRAVELLING PRESSURE PAD moves on circular track on "sealed-for-life" ball bearings.

THE DRIVE is from totally enclosed fan cooled motor with shaft extension to carry the drum. It is push-button controlled.

DISC AND BOBBIN ATTACHMENTS as illustrated can be supplied.

SPECIFICATION

	<i>No. 1 Machine</i>		<i>No. 2 Machine</i>	
<i>Maximum length sanded between columns</i>	8ft 0in	2,440mm	10ft 0in	3,050mm
<i>Maximum width sanded between columns</i>	30in	760mm	30in	760mm
<i>Maximum depth between belt and table</i>	24in	610mm	24in	610mm
<i>Size of undertable</i>	96in × 30in 2,440 × 760mm		120in × 30in 3,050 × 760mm	
<i>Speed of sand belt</i>	3,700ft min. 1,127m min.		3,700 ft min. 1,127m min.	
<i>Horsepower of motor</i>	4		4	
<i>Size of sand belt</i>	21ft 6in × 6in 6,550 × 150mm		25ft 6in × 6in 7,770 × 150mm	
<i>Overall height</i>	57in 1,450mm		57in 1,450mm	
<i>Floor space</i>	13ft 0in × 5ft 6in 3,960 × 1,680mm		15ft 0in × 5ft 6in 4,570 × 1,680mm	
<i>Net weight</i>	1,600lb	725kg	1,700lb	770kg

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