

Wadkin
Bursgreen

PAR

4-SIDE PLANER-SIZER



PAR-4-side planing requ

UNIQUE MACHINE

The Bursgreen PAR 4-side Planer-Sizer – an inexpensive machine that revolutionises the production of accurate planed-all-round timber. A machine that straightens, dresses square and produces a superb surface finish on any size timber from 10 x 10mm up to 300 x 100mm with virtually no setting – a unique capability for 4-side planers.

The PAR outmodes planer/thicknessers and supplants the more expensive planer moulder with impressive performance and superb value-for-money –

- ✳ **Up to 3 times more productive than conventional planer/thicknessers with consistent quality and accuracy.**
- ✳ **Takes only seconds to re-set from max. to min. capacity, with larger timber size variation than any other machine available.**
- ✳ **Requires only one operator.**
- ✳ **Patented simple cutterblock arrangement with reversible throwaway knives for lower running costs.**

Ideal Jobbing Machine

Experience the PAR and you'll be surprised how straightforward and safe it is to operate. The concept is so simple you'll wonder why it's never been thought of before.

The secret of the PAR is simplicity –

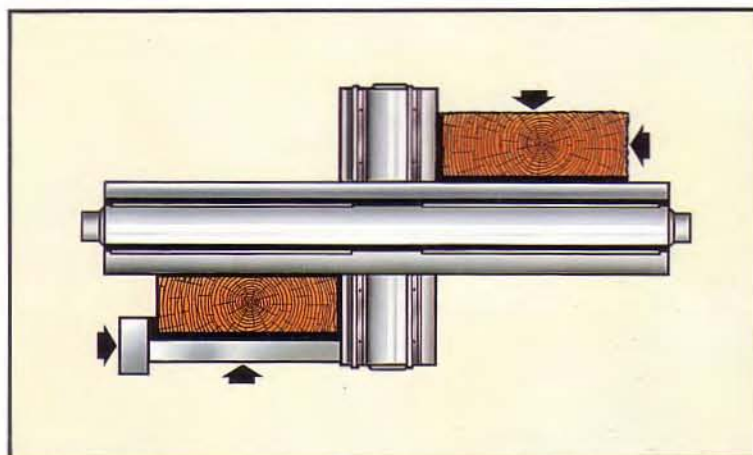
- ✳ A simple arrangement of horizontal and vertical cutterblocks machine adjacent faces to achieve all-round planing and sizing with just 2 passes through the machine.
- ✳ A simple arrangement of planing and sizing tables with quick action rise and fall and fence adjustment for almost instantaneous setting.
- ✳ Easy to read scales to tables and fences for accurate setting, with infeed scales offset to indicate finished size.
- ✳ Auto-adjusting feed unit eliminates setting up for feeding different size timber.

And simplicity affects the cost – that's why the PAR is such a good buy. No other machine can match it for price, performance and investment potential.

Highly Productive and Safe

Designed for high productivity using just one operator. Virtual elimination of setting means that any type and size of timber can be fed in succession through machine – softwood, hardwood, maximum size, minimum size – it makes no difference. And the design simplicity in no way inhibits maximum operating safety and comfort.

Ergonomically designed with power controls readily to hand, with master stop buttons at both infeed stations. Cutterblocks totally enclosed yet accessible through covers, fully shrouded power feed unit incorporates anti-kickback fingers, integral dust extraction ducting efficiently extracts dust and shavings for cleanest working environment. Optional auto-braking to cutterblocks and safety interlocked limit switch to cutterblock cover available.



Upper table planes bottom and fenceside faces, lower table sizes top and nearside faces.

Timing virtually no setting

Any size and type of timber can be fed in succession – it makes no difference.



Patented Cutterblock Arrangement

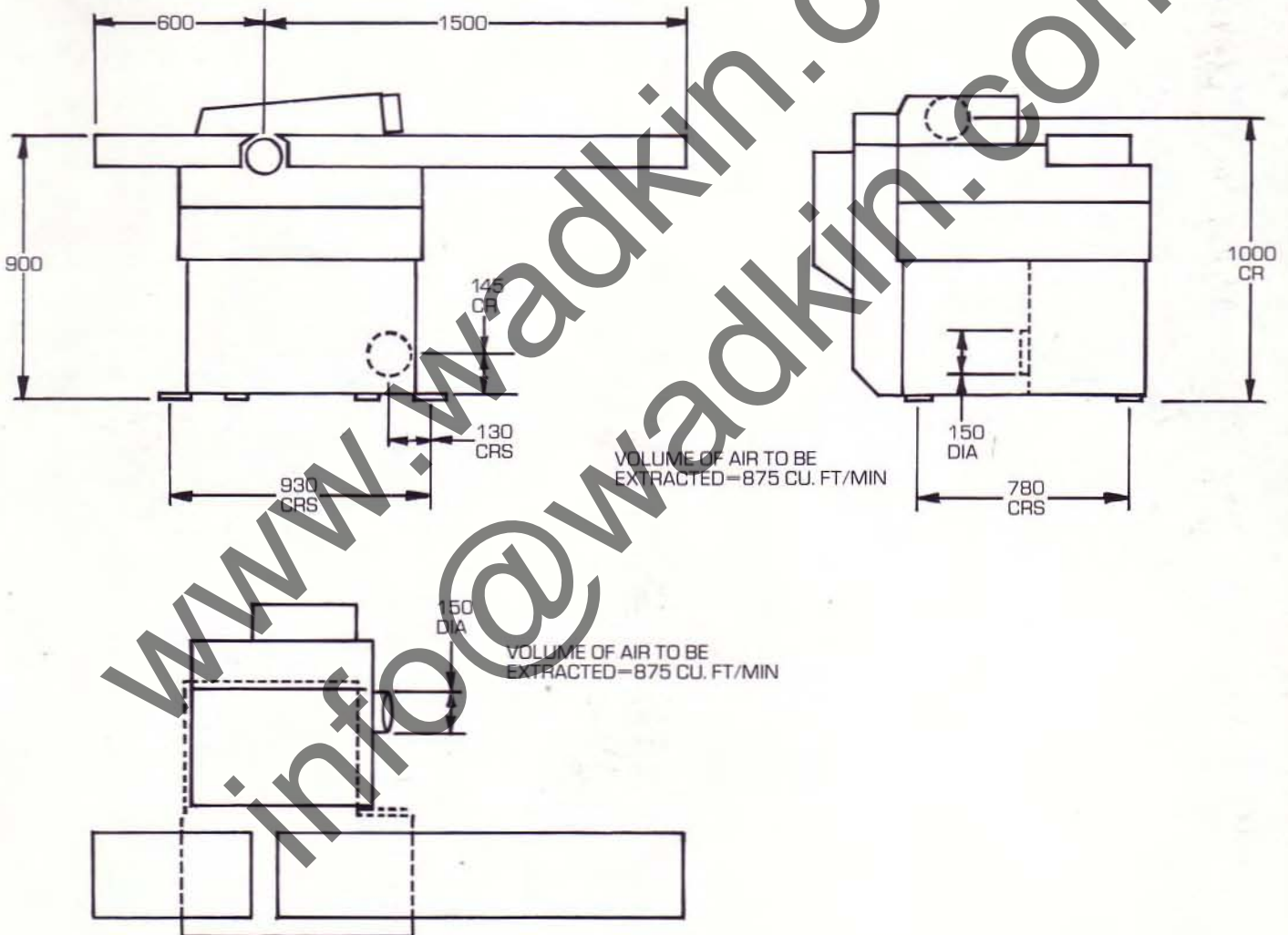
Patented arrangement of 4-knife horizontal and vertical cutterblocks machines adjacent faces. First pass through planing table dresses stock straight and square on bottom and fenceside faces, second pass through sizing table dresses stock parallel to size on top and nearside faces. Maximum stock removal 10mm. Horizontal cutterblock driven by 7.5kW (10hp) motor, vertical by 5.5kW (7½hp) motor. Fitted with HSS reversible throwaway knives as standard, with no setting required. Optional Tersa blocks for longer life.

Patented Power Feed Unit

Patented swinging arm power feed unit never needs setting – it simply climbs on to the stock, providing positive feeding at all times. Hydraulically loaded belt drive for utmost reliability. Cutterblock arrangement means that timber always feeds on wider dimension for maximum efficiency and perfect squareness of thin boards – no tipping over of stock through having to work on thin dimension. Standard fixed feed speeds of 4.5 and 9m/min (15 and 30ft/min), optional variable speed range of 3-18 m/min (10-58ft/min) for perfect matching to any stock.

SPECIFICATIONS

Maximum size of finished timber	300 x 100mm	(12 x 4in)
Minimum size of finished timber	10 x 10mm	($\frac{3}{8}$ x $\frac{3}{8}$ in)
Length of infeed planing table, standard	1.5m	(59 in)
optional	2m & 2.5m	(79 in & 98 in)
Feed speeds, standard	4.5 & 9 m/min	(15 & 30 ft/min)
optional, fully variable	3-18 m/min	(10-58 ft/min)
Cutterblock motor, horizontal	7.5kW	(10 hp)
vertical	5.5kW	(7 $\frac{1}{2}$ hp)
Cutterblock knives, 4 per block	reversible throwaway HSS planer knives	
Maximum stock removal, each cutterblock	10mm	($\frac{3}{8}$ in)
Floor space required	2100 x 1250mm	(83 x 49 in)



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

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Quick Setting

Quick setting for planing and sizing assisted by accurate easy-to-read scales to fences and tables. Quick action controls including calibrated depth of cut lever.



PLANING TABLE



SIZING TABLE

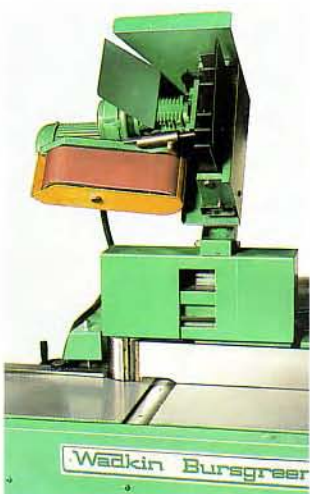
Grouped Controls

Operating controls conveniently grouped on front panel for efficient operating. Master stop pushbutton for maximum safety, with footbrake operated duplicate control adjacent to sizing table.



Easy Access

Access gained to totally enclosed cutterblocks by hinged mounting to auto feed unit and hinged top cover. Feed unit hydraulically loaded 3 roller and belt drive mechanism fully accessible.



PLANING TABLE



SIZING TABLE

OPTIONAL FEATURES

Variable Feed Speeds

Optional fully variable feed speeds from 3-18 m/min using hand-operated controls for optimum matching to stock.



- ❖ **Auto braking to cutterblocks for extreme safety**
- ❖ **Limit switch to cutterblock hood**
- ❖ **Infeed planing table extensions to 2.5 metres**
- ❖ **Portable dust extraction unit**