



BTS 500 BTS 630

SURFACE PLANER & THICKNESSER

The Wadkin wedge bed construction eliminates table shake and gives a perfect planed finish

- **Infinitely Variable Feed Speed**
Enables the correct speed to be selected for optimum finish.
- **Power Rise and Fall**
Increases production and reduces operator fatigue.
- **Superior Cutterblock**
Supplied complete with 4 knife cutterblock with patented 'springball' wedges and set of HSS planer knives and guards.



Unique Fence Design

The handwheel for lateral adjustment moves across with the fence – an important safety feature. There is no need to lean across the machine to adjust the fence. And the fence can be set more quickly and easily for rebating.

Mechanical Digital Read Out Thickening Scale

Timber thickness displayed in full view of operator allows for quicker setting and more accurate results.

Power Rise and Fall

Power rise and fall of thickening table, controlled by a conveniently situated hand lever. Increases productivity and reduces operator fatigue.

Rapid Precision Thickening

Infinitely variable feed speed 6–18 m/min in conjunction with a cutterblock speed of 4200 rev/min enables the correct feed speed to be selected for optimum finish.

Grouped Controls

Controls are grouped conveniently to hand for ease of operation and less operator fatigue.

Wide Infeed Table

Infeed table wider than outfeed table gives extra support when rebating.

Extra Long Infeed Surface Table

For straight accurate surfacing without hindering production thickening.

Foot Operated Brake

A further aid to safety.

Robust Surfacers Table With Angled Slide Rise and Fall

Perfect surfacing guaranteed as table retains its accuracy after years of service.

Anti Kickback Fingers (Standard)

For increased safety

Specification

	BTS 500		BTS 630	
Thickening capacity	510 x 230mm	(20 x 9in)	630 x 230mm	(25 x 9in)
Length of thickening table	765mm	(30in)	765mm	(30in)
Length of thickening table over rollers	1165mm	(46in)	1165mm	(46in)
Overall length of surfacing tables	1810mm	(71in)	1810mm	(71in)
Length of infeed surfacing table	972mm	(38in)	972mm	(38in)
Length of outfeed surfacing table	775mm	(31in)	775mm	(31in)
Maximum surfacing capacity	510mm	(20in)	630mm	(25in)
Rise and fall of infeed surfacing table	16mm	(5/8in)	16mm	(5/8in)
Height of surfacing tables	925mm	(36in)	925mm	(36in)
Size of fence	1100 x 180mm	(43 x 7in)	1100 x 180mm	(43 x 7in)
Maximum fence canting angle	45°	(45°)	45°	(45°)
Cutterblock speed	4200 rev/min	(4200 rev/min)	4200 rev/min	(4200 rev/min)
Cutting circle diameter	115mm	(4 5/8in)	115mm	(4 5/8in)
Power of cutterblock motor	5.5kW	(7 1/2hp)	5.5kW	(7 1/2hp)
Power of feed motor	0.75kW	(1hp)	0.75kW	(1hp)
Diameter of feed rollers	75mm	(3in)	75mm	(3in)
Feed speeds (infinitely variable within range)	6 – 18m/min	(20 – 60 ft/min)	6 – 18m/min	(6 – 18 ft/min)
Approximate floor space	1880 x 1820mm	(74 x 72in)	2000 x 1820mm	(79 x 72in)
Approximate net weight	980kg	(2160lb)	1130kg	(2491lb)
Approximate gross weight	1200kg	(2645lb)	1360kg	(2998lb)



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