



# BT500 & BT630 Planer and Thicknesser



Provides a perfect finish over entire length of material

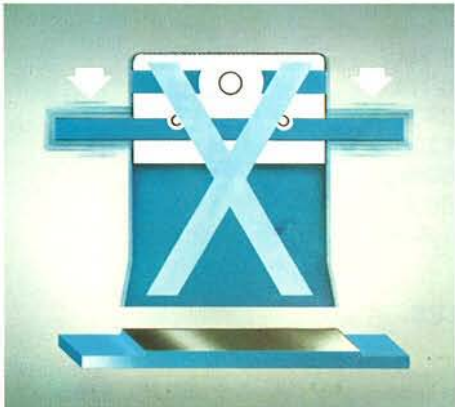
- **Infinitely Variable Feed Speed**  
Enables the correct speed to be selected for optimum finish.
- **Power Rise and Fall**  
Increases production and reduces operator fatigue.

- **Positive Feeding**  
By large 75mm diameter powered feed rollers and adjustable under table rollers.

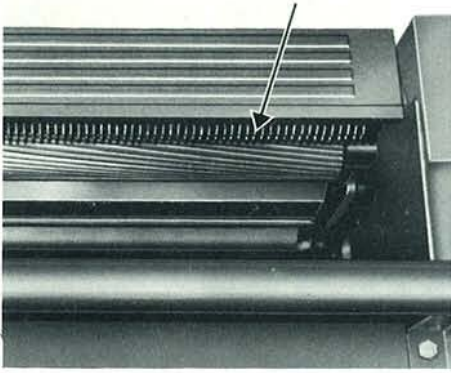
- **10mm stock removal in one pass**  
Easily achieved with powerful 5.5 kW (7.5hp) motor.
- **Safe**  
Fully guarded. No volt and overload release fitted as standard.
- **Easily Maintained**  
Sealed for life main bearings and minimum greasing points.



**Exclusive Wedge Bed Feature**  
Cutting loads are always given solid support by the travelling wedges which slide on the inclined planes. No table shake or vibration. Just an incredibly good finish.



**Grouped Controls**  
All controls are grouped conveniently to hand for less operator fatigue and ease of operation.

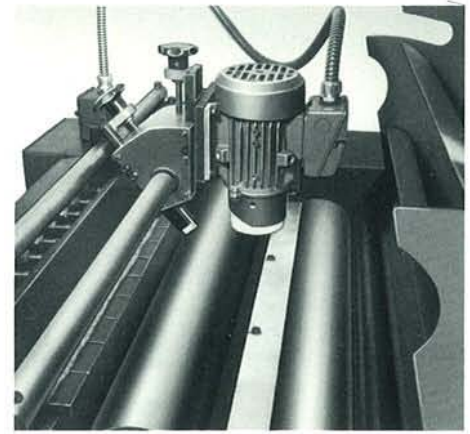


**Anti-kickback Fingers**  
Fitted as standard for increased safety. Prevents timber "kicking" back and possible injury.

**\*Spindle Brake**  
Another safety feature which also speeds up grinding and jointing operations.



**\*Sectional Feed Rolls and Pressure Bar**  
Enables multiple feeding of timber of uneven thickness for even higher production.



**\*Built-in Grinder and Jointer**  
A further aid to productivity. Feed speed is increased to 30.5 m/min (100ft/min) and cutters can be jointed and ground without removing them from the machine, a saving in 'down-time'. Produces a better finish i.e. 12 cutter marks per inch can be obtained at a feed speed of 26m/min (85ft/min).

**Cutter Setting Attachment**  
A simple to operate cutter setting attachment is provided. Cutter changing time is considerably reduced.



**Specification**

Capacity of machine	510 × 230mm	20 × 9in
Length of table	765mm	30in
Length over outer rollers	1165mm	46in
Feed speeds (infinitely variable)	6-18m/min	20-60ft/min
Speed of cutterblock	5000 rev/min	
Speed of motor: 50 hertz	3000 rev/min	
60 hertz	3600 rev/min	
Diameter of cutting circle	113mm	4 <sup>7</sup> / <sub>16</sub> in
Diameter of feed rollers	75mm	3in
Maximum stock removal	10mm	<sup>3</sup> / <sub>8</sub> in
Horsepower of cutterblock motor	5.5kW	7 <sup>1</sup> / <sub>2</sub> hp
Horsepower of feed motor	0.75kW	1hp
Minimum stock length	290mm	11 <sup>1</sup> / <sub>2</sub> in
Floor space	1200 × 940mm	47 <sup>1</sup> / <sub>2</sub> × 37in
Net weight, approx.	660kg	1450lb
Gross weight, approx.	860kg	1900lb
Shipping dimensions	1.47m <sup>3</sup>	52ft <sup>3</sup>

\*Optional extras.

**BT 630**

Capacity of machine	630 × 230mm	25 × 9in
Length of table	765mm	30in
Length over outer rollers	1165mm	46in
Feed speeds (infinitely variable)	6-18m/min	20-60ft/min
Speed of cutterblock	5000 rev/min	
Speed of motor: 50 hertz	3000 rev/min	
60 hertz	3600 rev/min	
Diameter of cutting circle	113mm	4 <sup>7</sup> / <sub>16</sub> in
Diameter of feed rollers	75mm	3in
Maximum stock removal	10mm	<sup>3</sup> / <sub>8</sub> in
Horsepower of cutterblock motor	5.5kW	7 <sup>1</sup> / <sub>2</sub> hp
Horsepower of feed motor	0.75kW	1hp
Minimum stock length	290mm	11 <sup>1</sup> / <sub>2</sub> in
Floor space	1200 × 1070mm	47 <sup>1</sup> / <sub>2</sub> × 42in
Net weight, approx.	710kg	1560lb
Gross weight, approx.	910kg	2010lb
Shipping dimensions	1.60m <sup>3</sup>	56.5ft <sup>3</sup>



**SALES**

**WADKIN LTD.**

Green Lane Works, Leicester LE5 4PF, England  
Telephone: 0533 769111 Telex: 34646 (Wadkin G)  
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Also York House, Empire Way, Wembley, Middx. HA9 0PA  
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**SERVICE**

**BURSGREEN (DURHAM) LTD.**

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Tyne and Wear DH4 5RQ.  
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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.