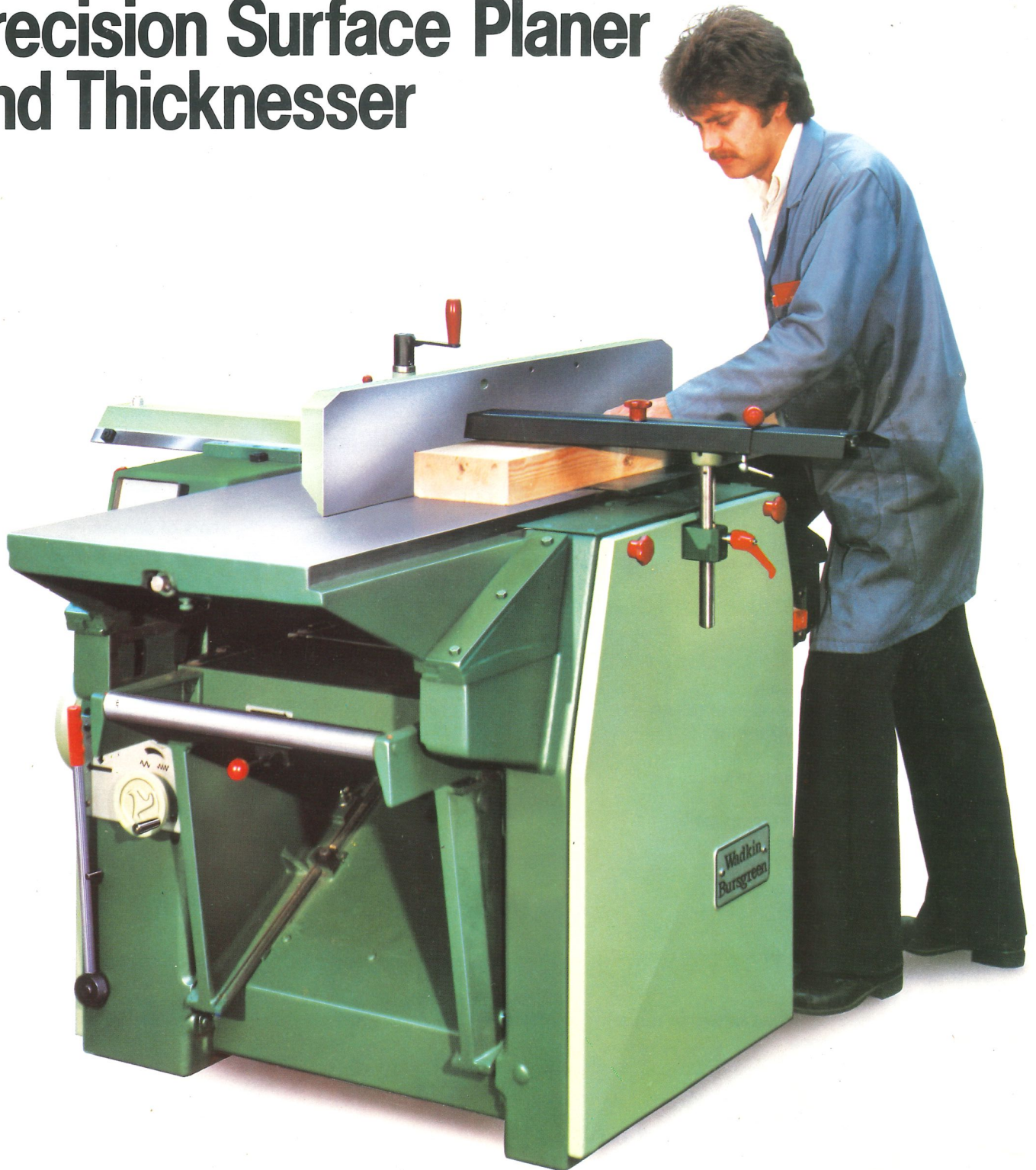


Wadkin
Bursgreen

Leaflet No. B578/1
British Standard Specification No. 12.81

BTS 500 & BTS 630

Precision Surface Planer and 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.
- **Wedge Bed Construction**
Provides a perfect finish over entire length of material.
- **Power Rise and Fall**
Increases production and reduces operator fatigue.

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

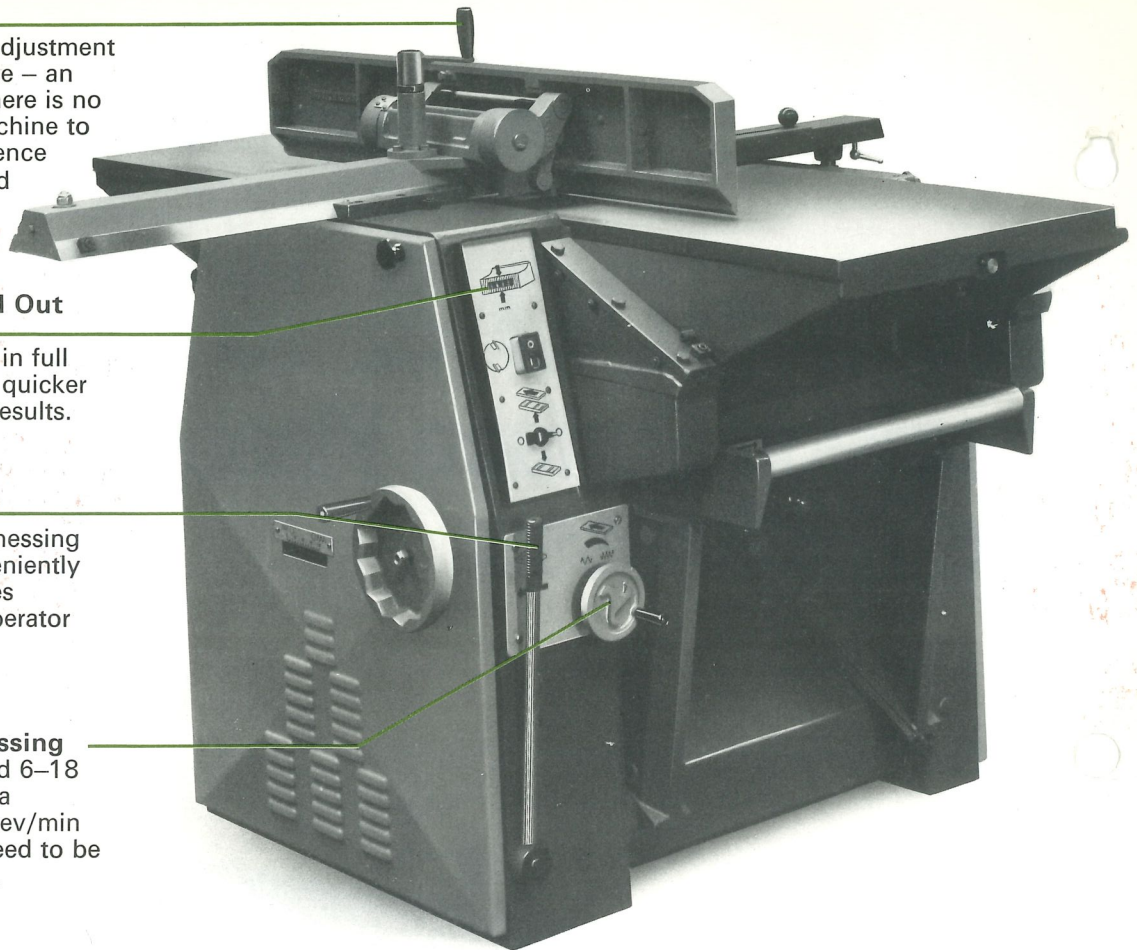
Timber thickness displayed in full view of operator allows for quicker setting and more accurate results.

Power Rise and Fall

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

Rapid Precision Thickening

Infinitely variable feed speed 6–18 m/min in conjunction with a cutterblock speed of 5000 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 Surfer 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 | 20×9in | 510×230mm | 25×9in | 630×230mm |
| Length of thickening table | 30in | 765mm | 30in | 765mm |
| Length of thickening table over rollers | 46in | 1165mm | 46in | 1165mm |
| Overall length of surfacing tables | 71in | 1810mm | 71in | 1810 |
| Length of infeed surfacing table | 38in | 972mm | 38in | 972mm |
| Length of outfeed surfacing table | 31in | 775mm | 31in | 775mm |
| Maximum surfacing capacity | 20in | 510mm | 25in | 630mm |
| Rise and fall of infeed surfacing table | 5/8in | 16mm | 5/8in | 16mm |
| Height of surfacing tables | 36in | 925mm | 36in | 925mm |
| Size of fence | 43×7in | 1100×180mm | 43×7in | 1100×180mm |
| Maximum fence canting angle | 45° | 45° | 45° | 45° |
| Cutterblock speed | 5000 rev/min | 5000 rev/min | 5000 rev/min | 5000 rev/min |
| Cutting circle diameter | 4 5/8in | 115mm | 4 5/8in | 115mm |
| Power of cutterblock motor | 7 1/2hp | 5.5kW | 7 1/2hp | 5.5kW |
| Power of feed motor | 1hp | 0.75kW | 1hp | 0.75kW |
| Diameter of feed rollers | 3in | 75mm | 3in | 75mm |
| Feed speeds (infinitely variable within range) | 20 to 60 ft/min | 6 to 18m/min | 20 to 60 ft/min | 6 to 18m/min |
| Approximate floor space | 74×72in | 1880×1820mm | 79×72in | 2000×1820mm |
| Approximate net weight | 2160lbs | 980kg | 2491lbs | 1130kg |
| Approximate gross weight | 2645lbs | 1200kg | 2998lbs | 1360kg |

Wadkin Bursgreen

SALES

WADKIN LTD.

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Telegrams & Cables: Woodworker, Leicester, Telex

Also York House, Empire Way, Wembley, Middx. HA9 0PA
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SERVICE

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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.