

**Wadkin**  
**Bursgreen**

# 12 in BAO/S300

**SURFACE PLANER AND THICKNESSER**

*British Standard Classification No. 12.81*

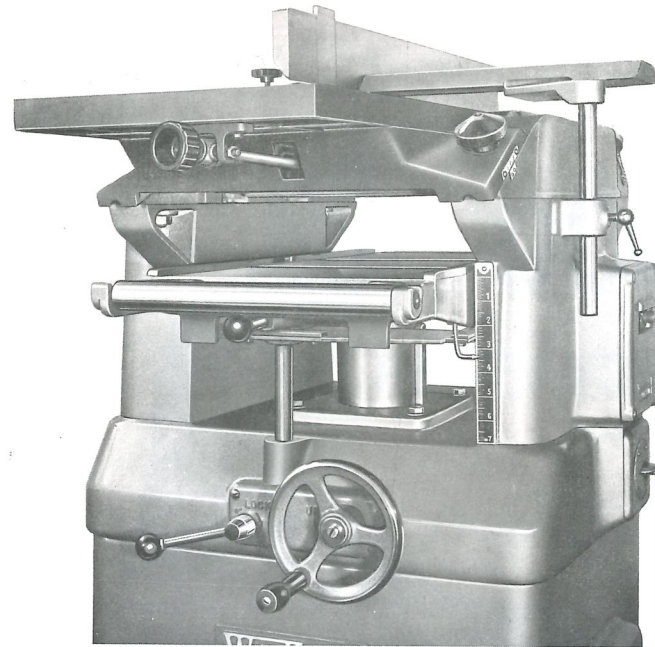


**COMPACT-LESS VALUABLE FLOOR SPACE REQUIRED**

**MODESTLY PRICED**

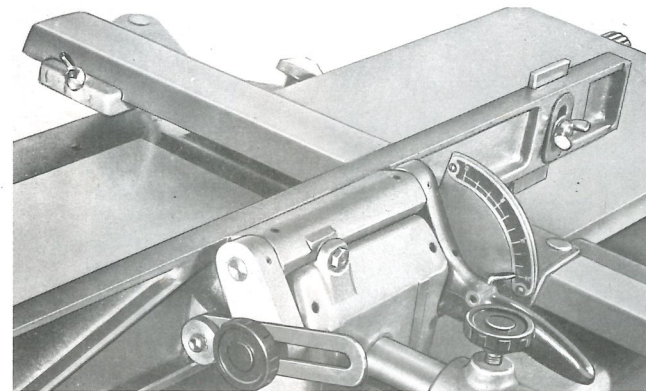
**A WELL PROVEN MACHINE-THOUSANDS SOLD**

# The BAO/S300 designed for the large or small workshop



## Table rise and fall

The thickness of the timber is displayed on an easily read scale in full view of the operator for quicker setting and more accurate work. The positive pillar lock ensures good surface finish when thicknessing.



## Robust canting fence

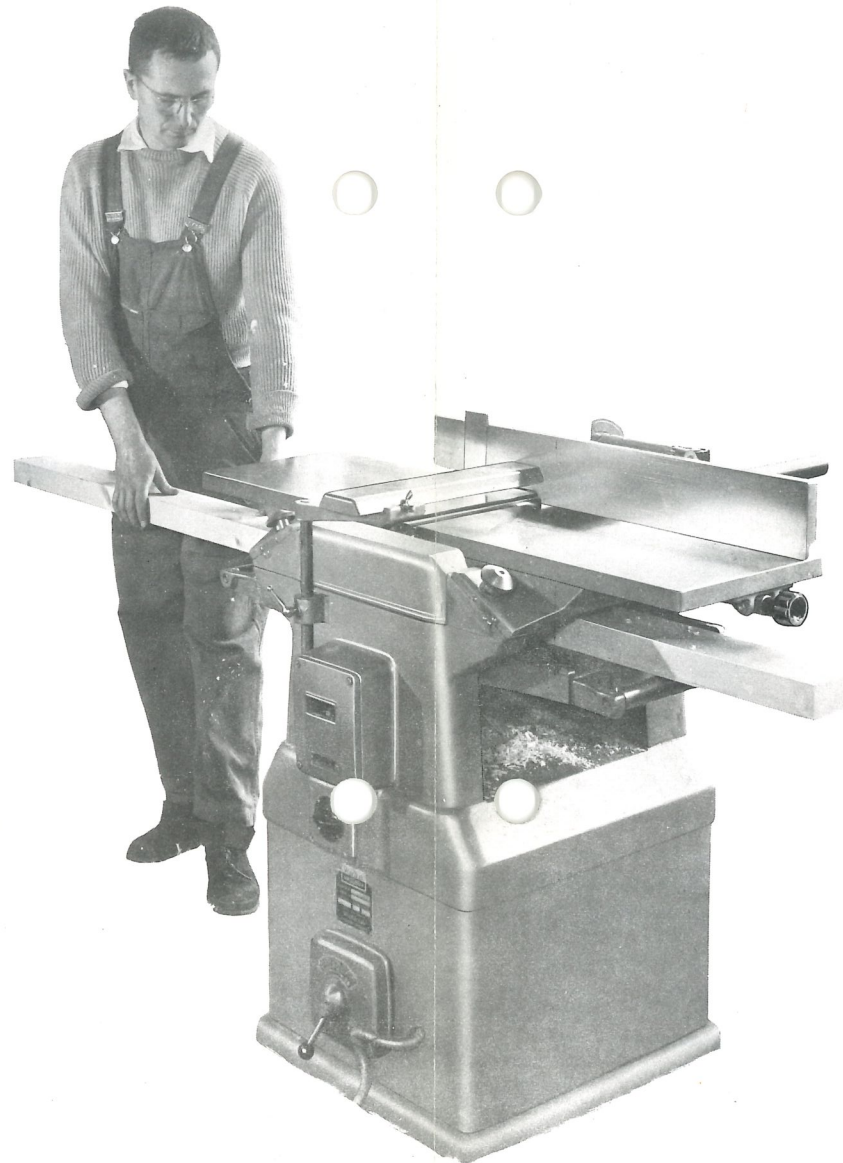
The robust canting fence can be quickly and simply adjusted by a single lever. Its generous height and length is a valuable aid to positive control of large workpieces.

## Under table rollers

Give positive feeding on wet or twisted timber. Feed settings are pre-set and tamper proof.

## Conveniently positioned controls

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

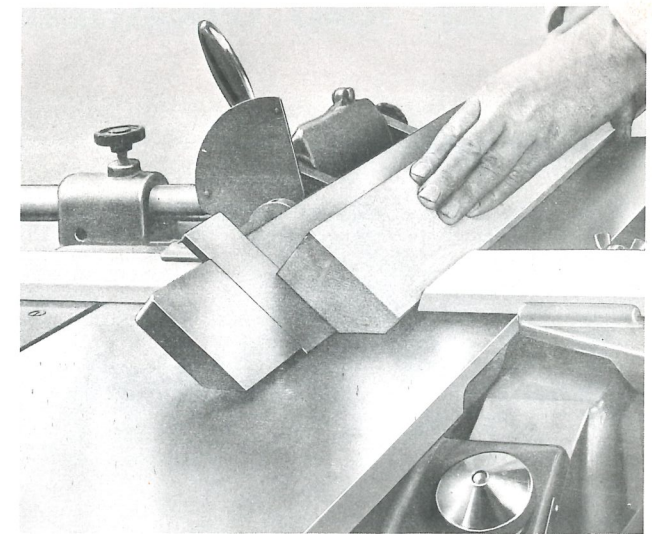


## Speedy under table roller adjustment

A simple lever control speeds up adjustment and clearly indicates roller height.

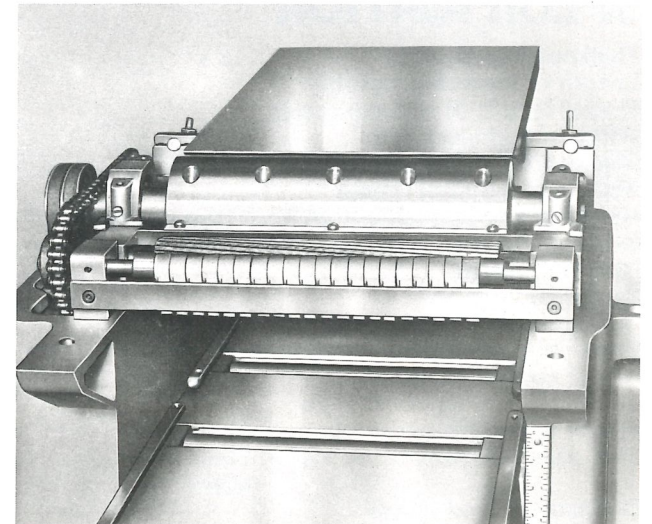
## Quick feed speed change

Two speed feed change at the flick of a switch.



## Accurate bevelling

A conveniently positioned indicator shows the exact angle of the fence for accurate bevelling.



## Anti kick-back fingers

Anti kick-back fingers are fitted as standard. They enable more than one piece to be fed at a time for increased productivity.

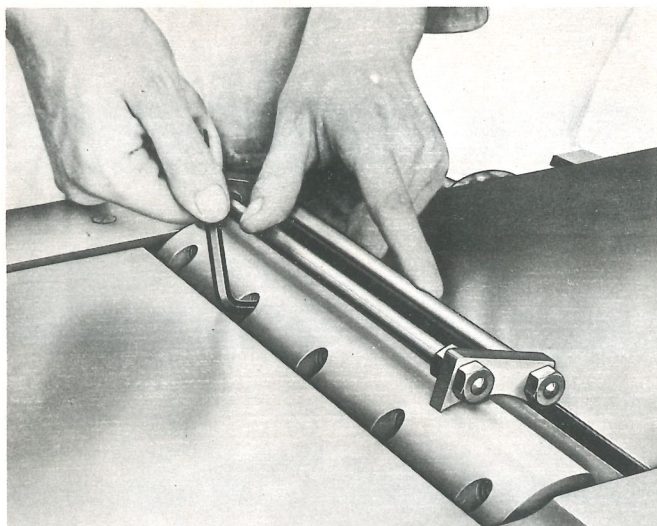
Just some of the benefits you get with the BAO/S300

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## SURFACE PLANER AND THICKNESSER

### Cutter setting



A simple to operate cutter setting attachment and spring loaded cutters come with the machine.

Setting up time is considerably reduced.

### SPECIFICATION

Thickening capacity	310×180mm	12 $\frac{1}{8}$ in wide×7in deep
Length of thickening table	710mm	28in
Overall length of surfacer tables	1075mm	42 $\frac{1}{4}$ in
Width of surfacer tables	310mm	12 $\frac{1}{4}$ in
Rise and fall of surfacer tables	15mm	$\frac{5}{8}$ in
Maximum depth of rebate	12mm	$\frac{1}{2}$ in
Height of surfacer table from floor (top position)	890mm	35in
Length of fence	760mm	30in
Height of fence	110mm	4 $\frac{1}{4}$ in
Fence cants up to	45°	45°
Cutting circle diameter of cutterblock	100mm	4in
Speed of cutterblock	5000 rev/min	5000 rev/min
No. of cutters: Standard	2	2
Optional extra	3	3
Power of cutterblock motor	2.2 kW	3hp
Syn. speed of cutterblock motor: 50Hz	3000 rev/min	3000 rev/min
60Hz	3600 rev/min	3600 rev/min
Diameter of feed rollers	50mm	2in
Feed speeds (3 phase supply)	4.5 & 9m/min	15 & 30ft/min
Feed speeds (single phase supply)	6.7m/min	22ft/min
Net weight	358kg	790lb
Gross weight (approx.)	445kg	980lb
Floor space (approx. with fence bar and guard in extreme positions).	1200×1220mm	47×48in
Shipping dimensions (approx.)	1.1m <sup>3</sup>	36ft <sup>3</sup>

Details included in price: One pair H.S.S. planing cutters. Cutterblock key. Cutter setting device.

Optional extras: Built in isolator. 12in H.S.S. planing cutters.



**SALES AND SERVICE**  
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BURSGREEN machines are  
manufactured by:  
BURSGREEN (DURHAM) LTD.,  
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Tyne and Wear DH4 5RQ.  
BURSGREEN (COLNE) LTD.,  
Lodge Holme, Trawden, Nr Colne,  
Lancs.

*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.*