

**Wadkin  
Bursgreen**

# MODEL BSM 400

## Multi-Rip Saw

### ■ Versatile

Suitable for wood, plastic, formica, hardboard, chipboard, etc. Choice of 25, \*30 or \*40hp motors allows correct power to be selected for the type of work.

### ■ Solid, Compact Construction

Takes up less valuable floor space. Easily installed into existing production lines.

### ■ Choice of Six Feed Speeds

Speed changed at the flick of a switch to suit type of work and material, giving optimum finish and increased production.

### ■ Minimum 'Down Time'

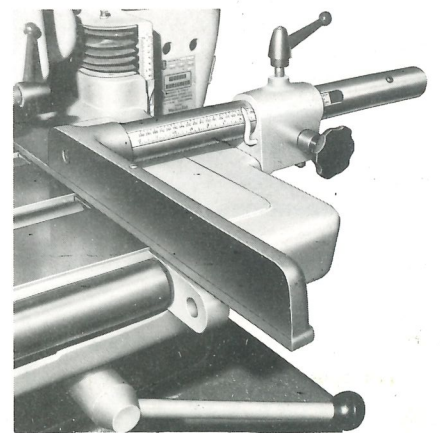
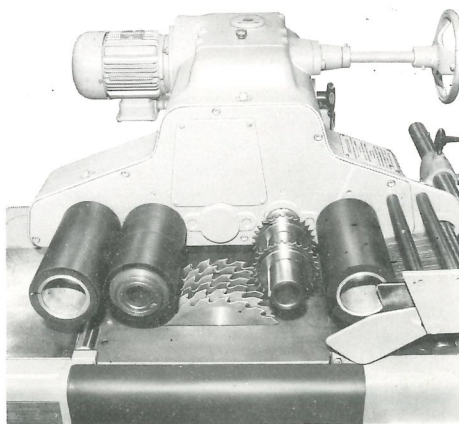
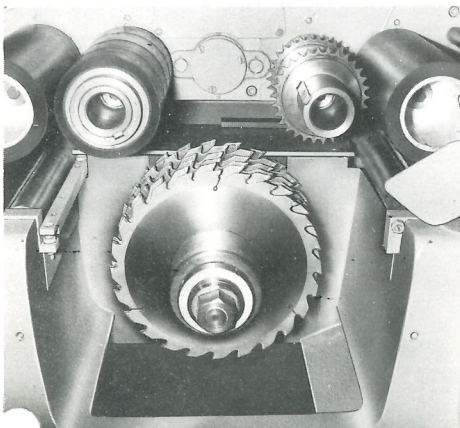
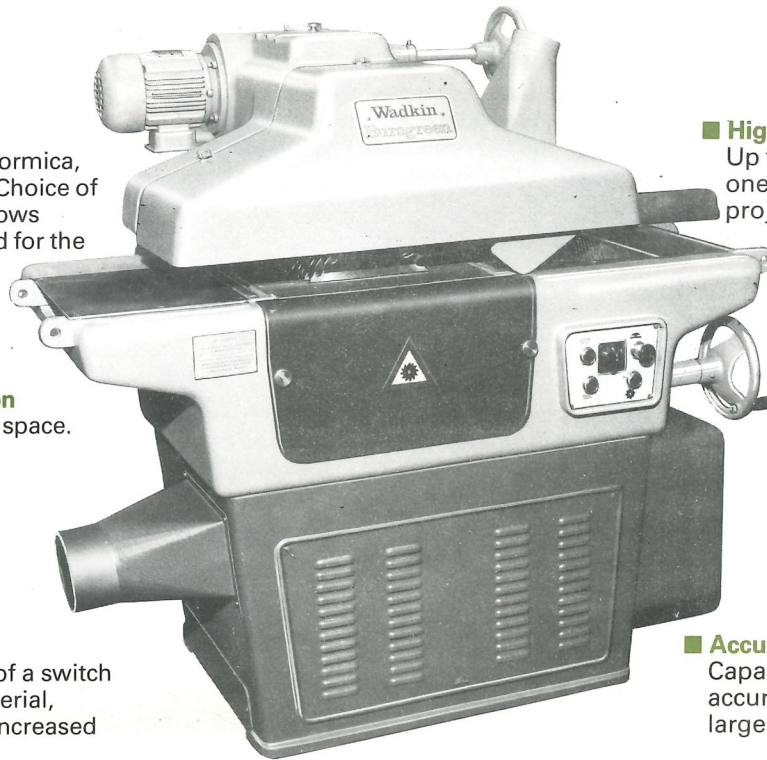
Sleeve mounting for saw allows speedy change-over between jobs.

### ■ High Production

Up to eighteen saws can be fitted on one gang, depending on saw projection.

### ■ Accurate

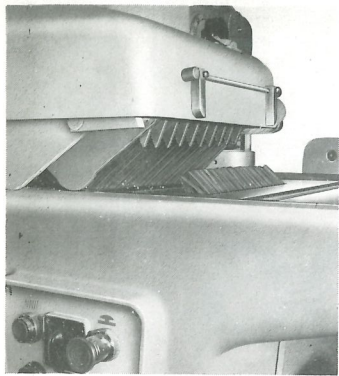
Capable of sawing to the limits of accuracy normally associated with larger and more expensive machines.



Rigid undertable mounted saws help keep the stock firmly down on the table, minimising risk of stock rejection and kick back.

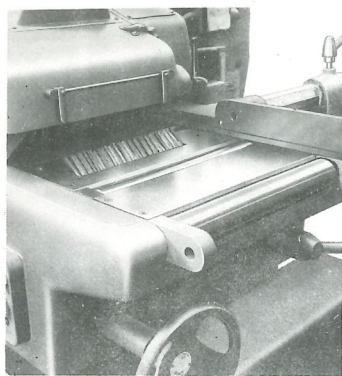
Overhead feed drive gives powerful and positive feeding. Allows bowed timber to follow fence with less waste of material.

The robust fence is quickly and finely adjusted by rack and pinion. A graduated scale and a positive lock aid accurate setting.



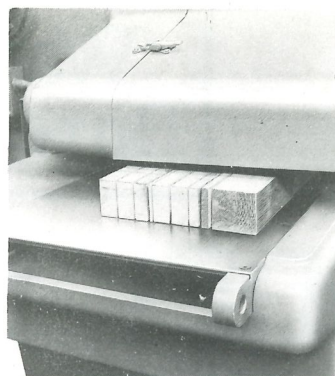
#### Anti-kickback Gate

Fitted top and bottom. Minimises risk of sliver ejection for increased safety.



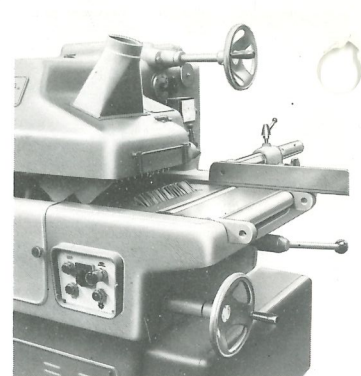
#### Idle Roller Bed

Allows stock to be fed up to fence for easier feeding and less operator fatigue.



#### Grooving

Both splitting and grooving can be done in one pass, giving increased production.



#### Grouped Controls

All controls are grouped readily to hand for quicker and safer operation.

#### The Spindle

The rugged spindle is of nickel chrome steel mounted in heavy type ball bearings and is provided with a sleeve, permitting saws to be quickly assembled and removed in one gang.

#### Electrical Control Panel

Controls conveniently situated on one panel. Embodies sequence interlock between saw and feed, plus no volt and overload safety devices.

#### \*Dust Extraction

An efficient dust extraction unit can be supplied suitable for mounting on a chipstore up to 6m (20ft) away from machine.

## SPECIFICATION

Maximum diameter of saws .....	400mm	16in
Minimum diameter of saws .....	300mm	12in
Maximum saw projection 400mm (16in) saws (using T.C.T. saws) .....	115mm	4½in
Maximum saw projection 300mm (12in) saws (using T.C.T. saws) .....	65mm	2½in
Minimum saw projection 400mm (16in) saws .....	25mm	1in
Minimum saw projection 300mm (12in) saws .....	2mm	¼in
Maximum number of saws up to 18, depending on saw projection.		
Power of saw motor .....	18.5kW (optional 22 or 30kW)	25hp (optional 30 or 40hp)
Usable length of saw spindle .....	200mm	8⅞in
Minimum length cut .....	300mm	12in
Minimum spacing of saws .....	4.5mm	⅜in
Distance between first saw and fence .....	300mm	12in
Diameter of spindle .....	64mm	2½in
Saw spindle speed .....	3000 rev/min	3000 rev/min
Rise and fall of saws .....	80mm	3¼in
Height of feed table .....	890mm	35in
Feed speeds, 50 Hertz .....	4.6, 9, 13.7, 19.8, 27.4, 39.6 m/min	15, 30, 45, 65, 90, 130 ft/min
Feed roll adjustment .....	125mm	5in
Feed roll diameter .....	125mm	5in
Feed motor horsepower .....	1.1kW	1½hp
Net weight approx. ....	1270kg	2,800lb
Shipping dimensions .....	1.9m <sup>3</sup>	69ft <sup>3</sup>

\* Optional extra

## SALES

### WADKIN LTD.

Green Lane Works, Leicester LE5 4PF, England  
Telephone: 0533 769111 Telex: 34646 (Wadkin G)  
Telegrams & Cables: Woodworker, Leicester, Telex.

and at York House, Empire Way, Wembley, Middx HA9 0PA  
Telephone: 01-902 7714 (3 lines) Telex: 26220

## SERVICE

### BURSGREEN (COLNE) LTD.

Lodge Holme, Trawden, Nr Colne, Lancs.  
Telephone: (0282) 865310 Telex: 635032

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.

**Wadkin  
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