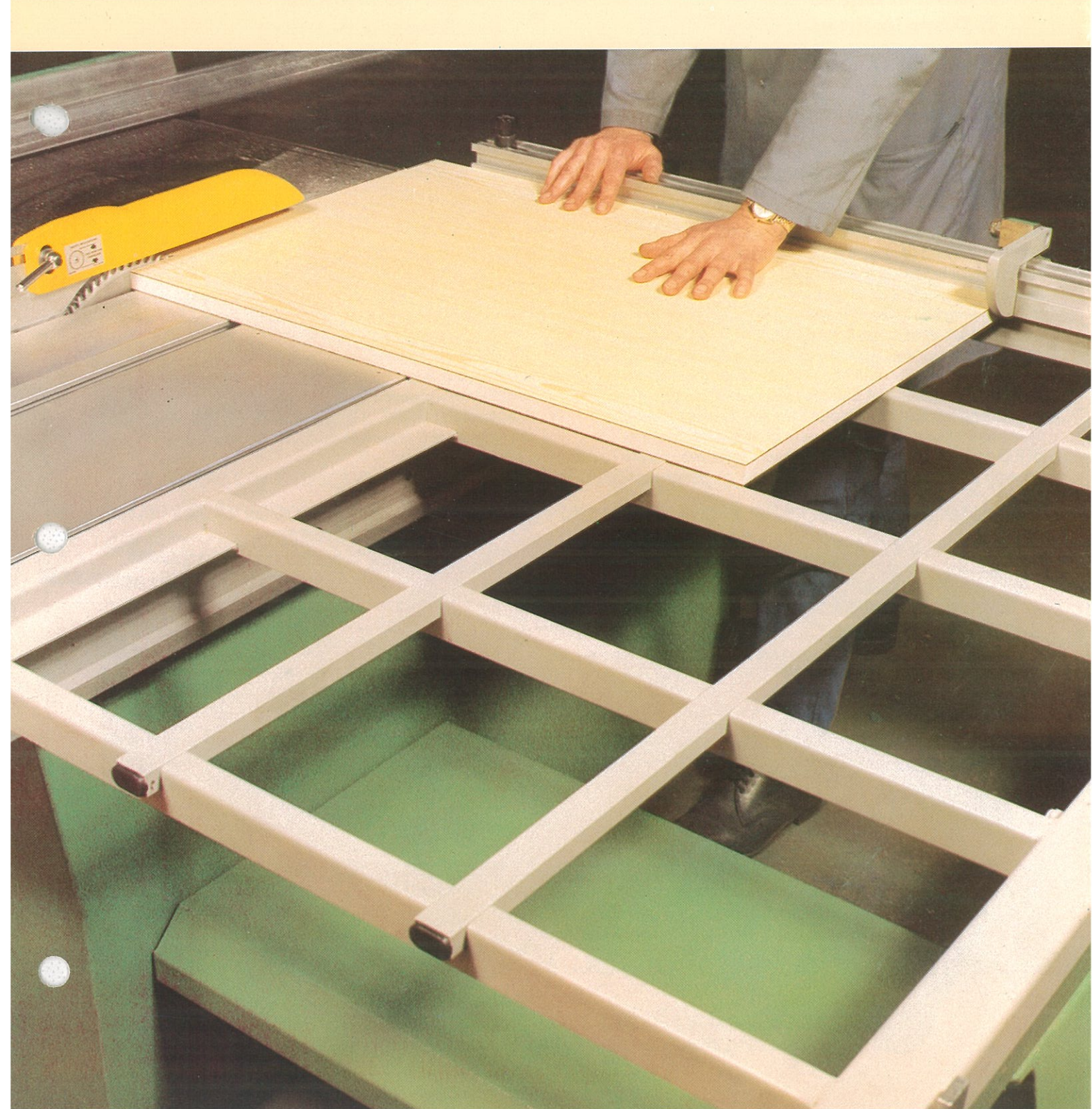


Wadkin  
Bursgreen

CP12 &  
CP12/D

TILTING PANEL & DIMENSIONING SAWS



# CP12 - a powerful workhorse

## Versatile Machine

A powerful 2-speed machine with sliding table, canting arbor and scoring saw. Of sound robust construction, incorporating a comprehensive range of standard features usually considered as extras. Highly versatile with a wide range of applications.

- \* Panel dividing
- \* Panel ripping
- \* End trimming
- \* Paralleling/sizing

- \* Bevel cutting
- \* Mitres
- \* Deep ripping
- \* Angled ripping

### HIGH SPECIFICATION

The CP12 combines the heavy duty features of the large Bursgreen CP25 machine with the sliding table of the very popular SP12 machine. For a small capital investment the machine will soon prove to be a valuable asset to any workshop, large or small.

Substantial cast iron construction with robust fixed table, and free running open frame sliding table. Fitted with rip and telescopic crosscut fences, with accuracy assured by graduated scales on both fences. Accepts main saw up to 400mm diameter or up to 300mm diameter when scoring is required. The main and scoring saws are individually driven and can be canted to 45°, pivoting on front and rear trunnions for increased stability and accuracy to enable mitres, bevels and intricate compound angles to be produced. Two speed selection of main saw is available offering 3000 or 4500 rev/min. The independently adjustable scoring saw, running at 8500 rev/min, eliminates

spelching, particularly important when cutting veneer and melamine panels.

A short form variant machine, the CP12/D is available for high accuracy dimensioning, incorporating all the superb features of the CP12.

### RANGE OF OPTIONS

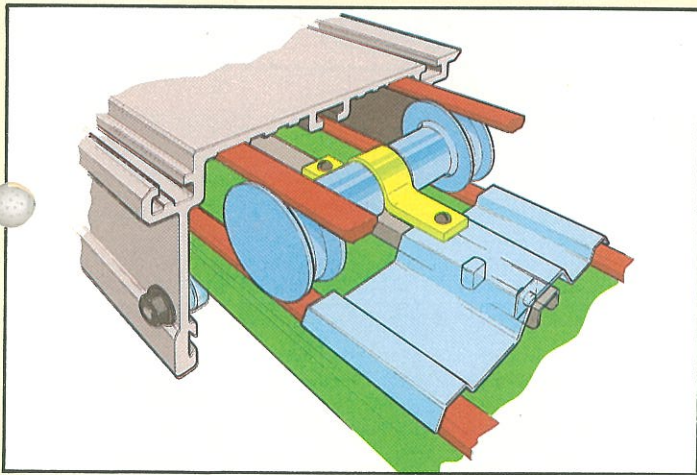
A comprehensive range of optional extras is offered to allow total realisation of the machine's potential.

- \* Increased saw motor power 5.5/7.5kW (7.5/10hp)
- \* De-luxe adjustable mitre fence
- \* Fixed mitre fence
- \* Extension support table and rip fence to give 1250mm capacity
- \* Automatic brake
- \* Three speed arrangement (3000, 4500 and 6000 rev/min)



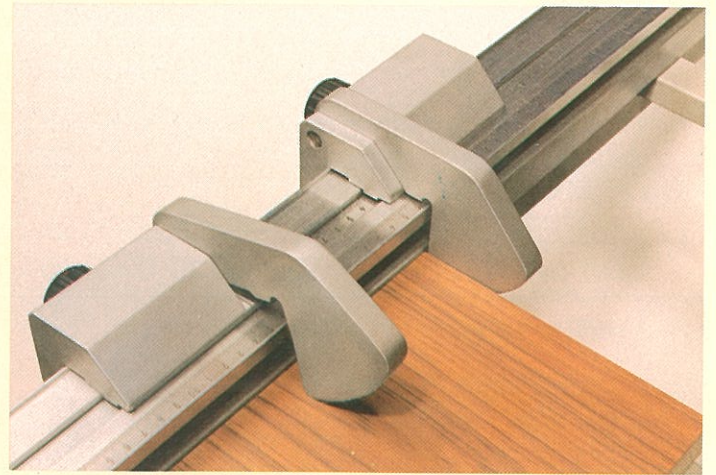
Capable of sizing panels up to 1250 x 2500mm and with the crosscut fence swung clear can rip solid timber up to depths of cut of 135mm.

# with a surprisingly large bite



#### Sliding table

Mounted on fully enclosed double roller carriage running on phenolic prism runner strips, maintaining high accuracy with free movement.

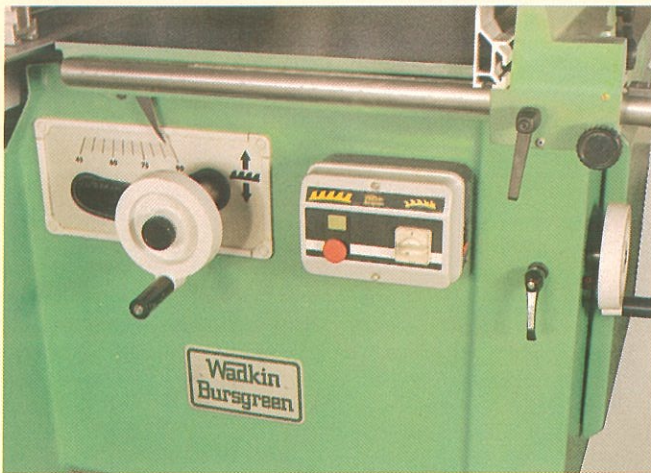


#### Turnover Stops

Lockable turnover stops are fitted to the graduated telescopic crosscut fence. Allow easy adjustment over full extent of fence, with limited dead stop.

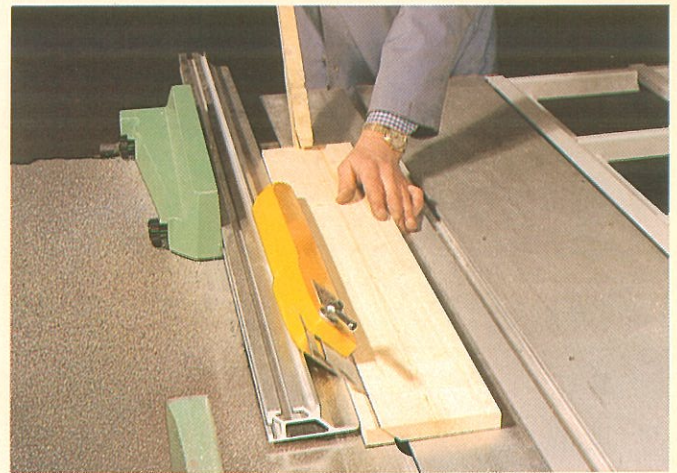
- ❖ **Robust construction ensures long service life**
- ❖ **Ergonomically designed for reduced operator fatigue**
- ❖ **Designed to meet all your sawing requirements**
- ❖ **Comprehensive service back up for minimal down time**

# SUPERIOR FEATURES COMMON TO THE CP12 & CP12/D



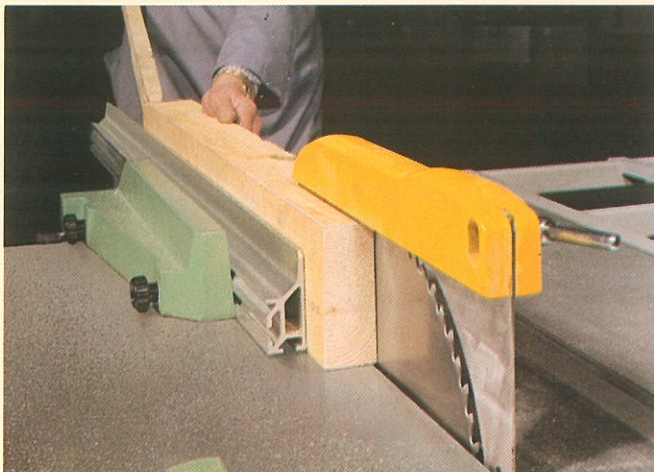
## Grouped controls

Ergonomically designed to reduce operator fatigue and increase productivity.



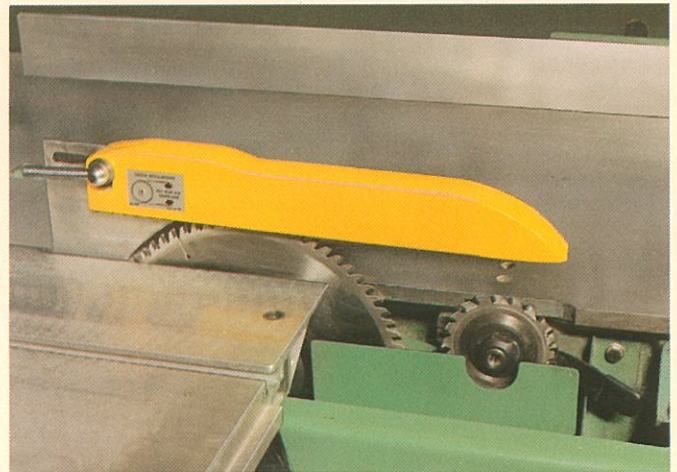
## Rip fence

Ball bearing rip fence movement with micro adjustment. Can be turned through 90° to enable thin material core stock, panels with overhanging veneer to be accurately and safely sawn, or angled ripping of thin material.



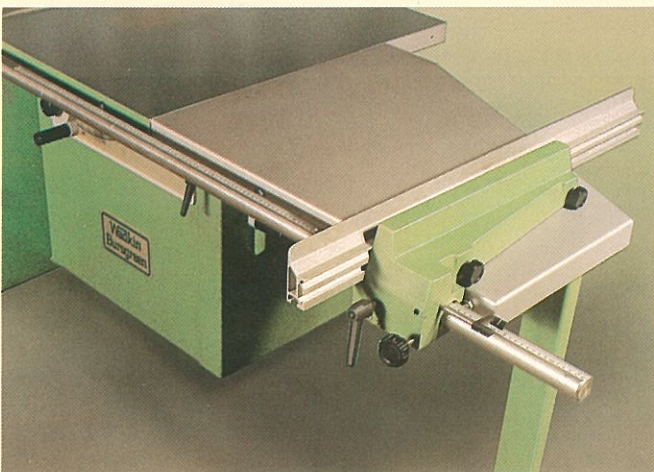
## Deep ripping

Fully adjustable rip fence allows accurate sawing of long lengths of solid timber.



## Scoring saw

Contra-rotating to main blade, cutting into material from underside, scoring saw consists of two blades with overlapping teeth, shimmed to allow width adjustment. Main and scoring saws are independently adjustable.



## Extension table\*

Extends fixed table allowing increased distance from saw to rip fence up to 1250mm.

\*Optional extras



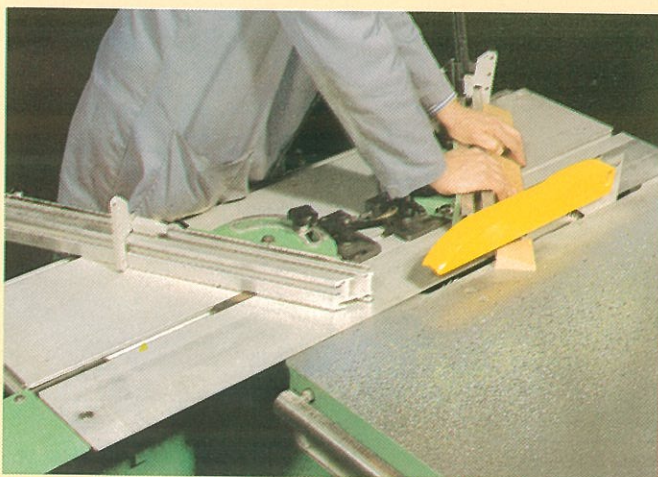
## Fixed mitre fence\*

Double faced and fixed at 45° this attachment enables quick and accurate mitring to be performed, even on moulded stock. Complete with turnover stops for fast and easy adjustment.

# w CP12/D - compound dimensioning from any angle



This superbly designed variant of the CP12 is a powerful, robust sliding table dimensioning machine for high accuracy work on solid timber, with a capacity up to 135mm depth of cut. The 400 x 1300mm free running sliding table provides the ability to undertake accurate crosscutting and mitring work using an adjustable mitre fence.



#### Front and rear de-luxe adjustable mitre fences

Two precision graduated fully adjustable mitre fences are supplied complete with turnover stops. Ideal for complex mitring.



#### Compound angles

With a canted main blade, and accurate mitre fence, usually difficult compound angles can be produced easily.

# Specifications

	<b>CP12</b>		<b>CP12/D</b>	
Panel size, maximum	1250 x 2500mm	(49 x 98 in)	400 x 1300mm	(15 <sup>3</sup> / <sub>4</sub> x 51 in)
Sliding table	1350 x 1300mm	(53 x 51 in)	744 x 1067mm	(29 x 42 in)
Fixed table	744 x 1067mm	(29 x 42 in)	400mm	(15 <sup>3</sup> / <sub>4</sub> in)
Maximum diameter of saw	400mm	(15 <sup>3</sup> / <sub>4</sub> in)	135mm	(5 <sup>3</sup> / <sub>8</sub> in)
Maximum saw projection with 400 mm saw	135mm	(5 <sup>3</sup> / <sub>8</sub> in)	105mm	(4 in)
Diameter of scoring saw	105mm	(4 in)	30mm	(1 <sup>1</sup> / <sub>4</sub> in)
Diameter of saw spindles	30mm	(1 <sup>1</sup> / <sub>4</sub> in)	4kW	(5.5hp)
Power of motor, standard	4kW	(5.5 hp)	5.5/7.5kW	(7.5/10 hp)
Power of motor, optional	5.5/7.5kW	(7.5/10 hp)	0.55kW	(0.75 hp)
Power of scoring saw motor	0.55kW	(0.75 hp)	3000, 4500 rev/min	3000, 4500, 6000 rev/min
Spindle speeds, main saw, standard	3000, 4500 rev/min		3000, 4500, 6000 rev/min	
Spindle speeds, main saw, optional	3000, 4500, 6000 rev/min		8500 rev/min	
Scoring saw	8500 rev/min		2.7 x 1.65 m	(106 x 65 in)
Floor space (approx)	2.7 x 3.7m	(106 x 145 in)	430kg	(945 lb)
Net weight (approx)	480kg	(1055 lb)	560kg	(1230 lb)
Gross weight (approx)	610kg	(1340 lb)	1.82x1.36x1.10 m	(71x53x43 in)
Shipping dimensions – machine	1.82x1.36x1.10m	(71x53x43 in)	1.3x0.53x0.41m	(51x21x16 in)
Shipping dimensions – table	1.3x0.53x0.41m	(51x21x16 in)		

Wadkin Bursgreen panel saws conform to the latest Health and Safety Regulations. With a high degree of environmental acceptability, noise levels are well within prescribed limits and an efficient dust extraction system ensures that machines remain dust free during operation.

Wadkin Bursgreen supply a range of sliding table dimensioning and panel saws. For other models please refer to leaflets B859, B861 and B862.

# Wadkin Bursgreen

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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.

Leaflet: B860/4321

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