

Wadkin



PBR

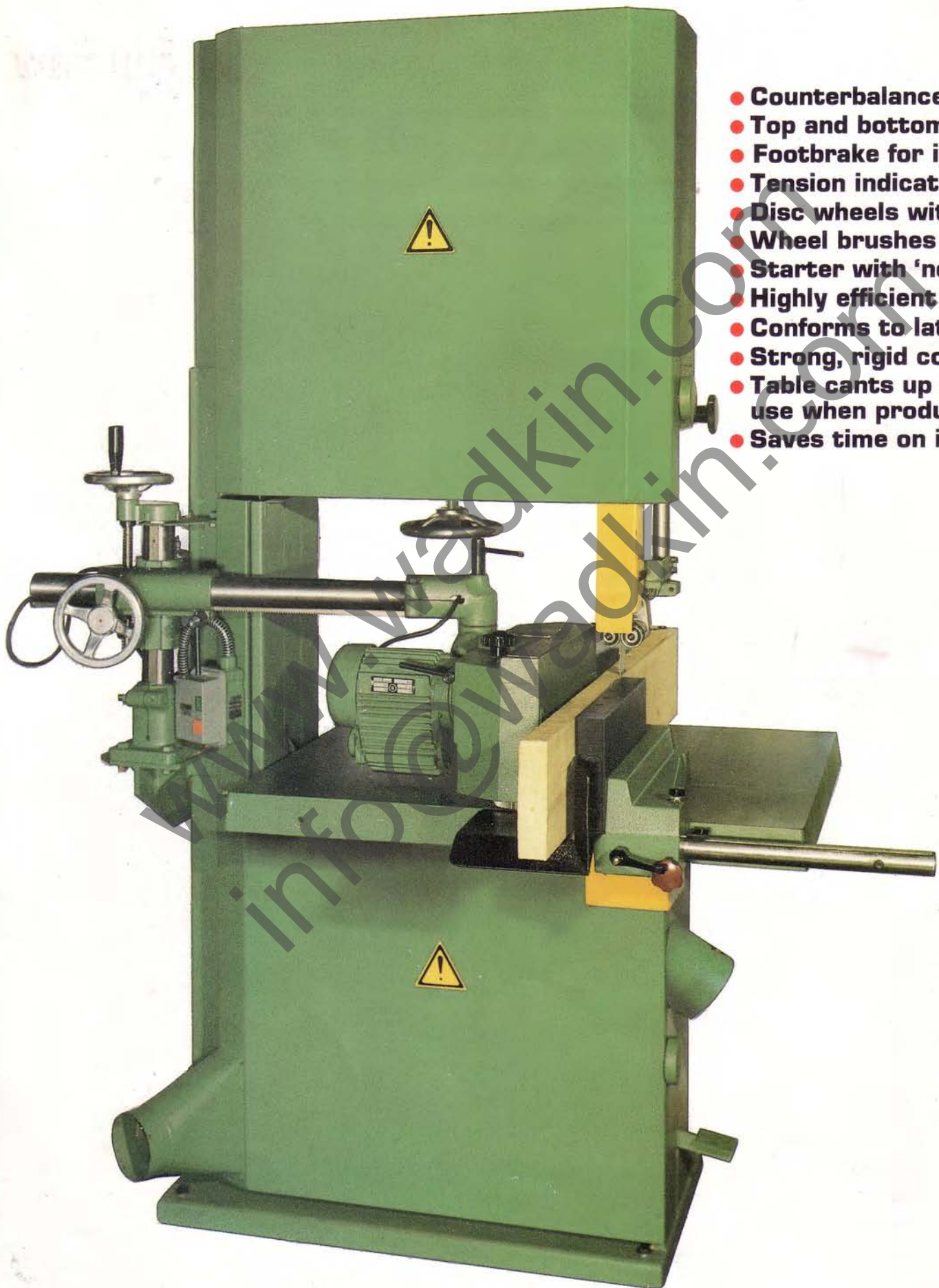
POWER BAND RIP SAW

A completely new approach to production rip sawing
at only half the price of a conventional resaw.



- * High Specification – low price.
- * Capable of high rates of production.
- * High timber recovery rate.
- * Extremely versatile power feed unit handles a wide variety of timber.
- * Can be used as a conventional narrow blade bandsaw.

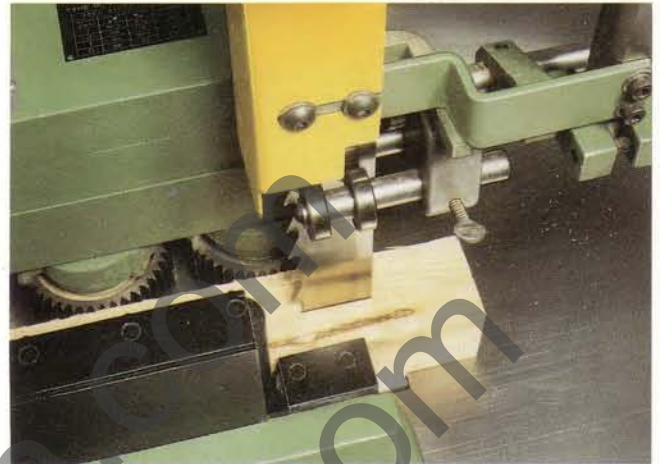
The PBR Power Band Rip Saw



- Counterbalanced top saw
- Top and bottom roller bearings
- Footbrake for increased safety
- Tension indicator for accurate cutting
- Disc wheels with long life
- Wheel brushes and drip tray
- Starter with 'no-volt' release
- Highly efficient dust extraction
- Conforms to latest Health and Safety regulations
- Strong, rigid construction
- Table cants up to 35° for use when producing feathered edges
- Saves time on installation

for Reliability, Safety and Ease of Maintenance

guide.
ring guides for accurate blade control.
safety.
rate blade tensioning.
stretch on tyres.
ed blade wiper.
ase, overload protection and isolating switch.
ction.
and Safety regulations.
narrow blade working, 20° for wide blade
ered stock.
as machine does not require pit.



High Timber Recovery Rate

Fitted with a 65mm wide pretensioned saw blade with a 1.6mm kerf for greater accuracy and tremendous saving on waste.



8 Speed Power Feed Unit

Heavy duty, enables speeds from 2-29 metres/min and can be easily swung clear for conventional bandsaw use.



Drip Fed Blade Wiper

Keeps the blade clean at all times. Special brushes clean the disc wheels.



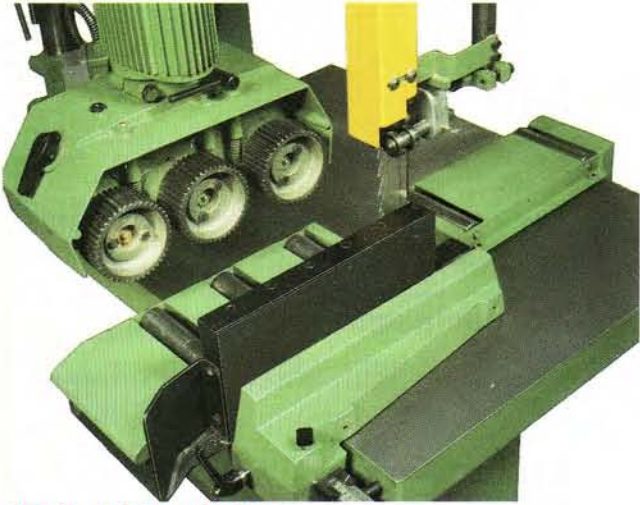
Spring Loaded Feed Rollers

Automatically compensates for timber of uneven thickness together with a fully adjustable roller bed fence providing accurate and precise feeding.



Horizontal Feeding

The power feed unit can be quickly changed over for a wide deep narrow stock, short stock, feathered stock and wane.



✳️Refeed Roller Tables

To enable wide timber (up to 125mm deep) to be sawn into thin strips without continual adjustment of the feed unit.

Specially positioned infeed rollers pull stock into the fence for accurate ripping.

This device is also useful when sawing waney edge stock.

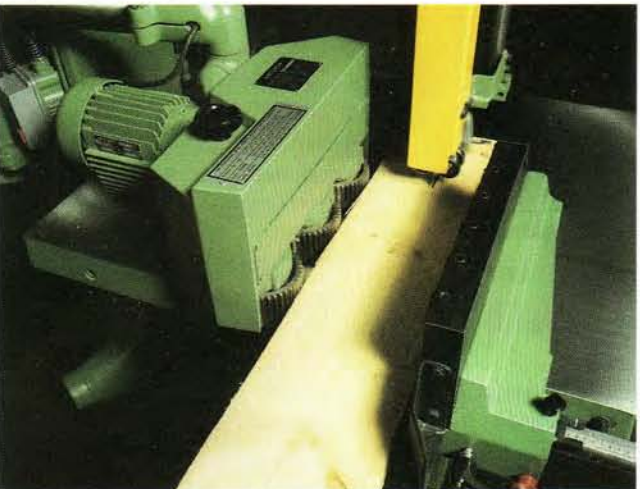


High Production Ripping

Softwoods can be easily ripped at feeds of up to 29 metres/min, hardwoods up to 10 metres/min.

Softwoods packs of 175mm timbers can be cut economically.

Occasional ripping of deeper stock in small quantities is possible with care.



Vertical Feeding

variety of timber, thin broad stock, irregular stock, edge stock.

✳️Optional extra.

PBR Power Band Rip Saw

The PBR is a power fed rip saw designed to bring high production rates and substantial cost saving to a variety of users.

Installation is quick and easy – no pit is needed, and with few training requirements the PBR will save you money right from the very first day. A 65mm wide pretensioned saw blade with a 1.6mm kerf gives a high timber recovery rate with waste savings of 60%.

The efficient cutting action of the PBR allows continuous feeding and requires far less operator effort than ripping on a conventional saw bench.

A wide variety of stock sizes and types can be handled.

The power feed unit has 8 speeds and can be quickly set in the vertical, horizontal and angular planes.

The roller bed fence is fully adjustable allowing accurate and precise feeding.

Precision ground tables cant to 35° for narrow blade working, 20° for wide blade use when producing feathered stock.

The high specification of the PBR gives you a ready to use machine with no hidden extras – no hidden costs.

The PBR conforms to the latest Health and Safety regulations. Features are included throughout to minimise operator accident or machine damage. Noise levels are well within prescribed limits.

Efficient dust extraction ensures the the PBR remains dust free during operation.

The Wadkin Cleveland service philosophy is to provide the fullest possible after-sales service in any part of the world. An efficient service team backed by a fast spares supply covering the UK and abroad provide a service which is second to none.

Low capital cost and ease of use make the PBR ideal for a variety of users for example–

Building contractors – for ripping large stock to size.

Furniture Manufacturers – for ripping stock to size prior to moulding.

Small timber mills – as a secondary machine to accommodate the lighter types of resaw work.

D.I.Y. supermarkets – for ripping stock to suit individual customer demands.

Pallet and Fencing manufacturers – for ripping pallet boards, fencing boards and posts to size after stock is cross-cut to length.

PBR Power Band Rip Saw

Specification

Diameter of saw wheels	700mm	27.5in
Maximum depth under saw guide	485mm	19in
Maximum distance saw to body	680mm	26.7in
Maximum width of blade	65mm	2 ¹ / ₂ in
Maximum length of blade	5080mm	16ft 8in
Minimum length of blade	4940mm	16ft 2 ¹ / ₂ in
Speed of motor: 50HZ	3000rev/min	3000rev/min
Speed of motor: 60HZ	3600rev/min	3600rev/min
Power of motor	7.5kW	10hp
Speed of saw blade	1500m./min	5000ft./min
Eight feed speeds	2-29m./min	6-98ft./min
Size of table	765 x 1000mm	30 x 39in
Height of table	900mm	35in
Floor space	800 x 1600mm	31 ¹ / ₂ x 63in
Weight (approximately)	605kg	1331lb



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