



# PBR-HD

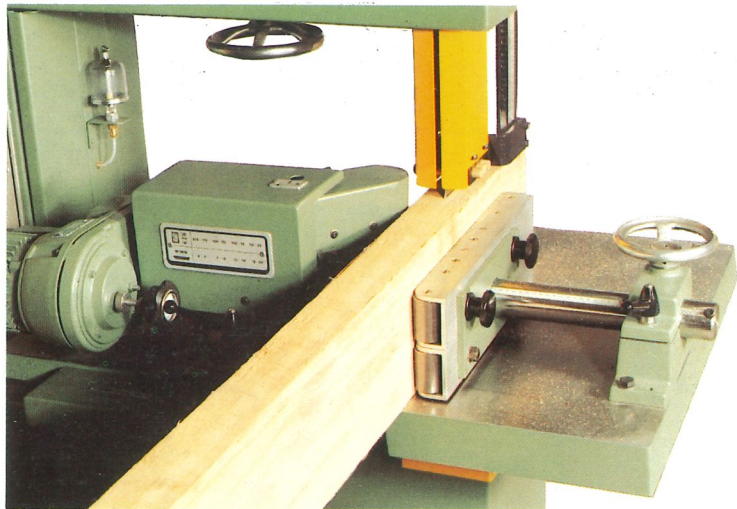
## POWER BAND RESAW



# PBR-HD Power Band Resaw

## VERSATILE MACHINE

The Wadkin Cleveland PBR-HD power band resaw introduces for the first time low cost resawing with good productivity and high timber recovery rates. Developed from the very successful well proven Wadkin Cleveland power band rip saw (PBR), this remarkable machine is built to a high specification incorporating several unique features to place it in a class of its own. Any claim to exceptional versatility, high production and wide application is fully justified by the design.



### Deep Stock

Deep ripping of softwood can be carried out at feed speeds up to 10m/min.

### Broad Stock

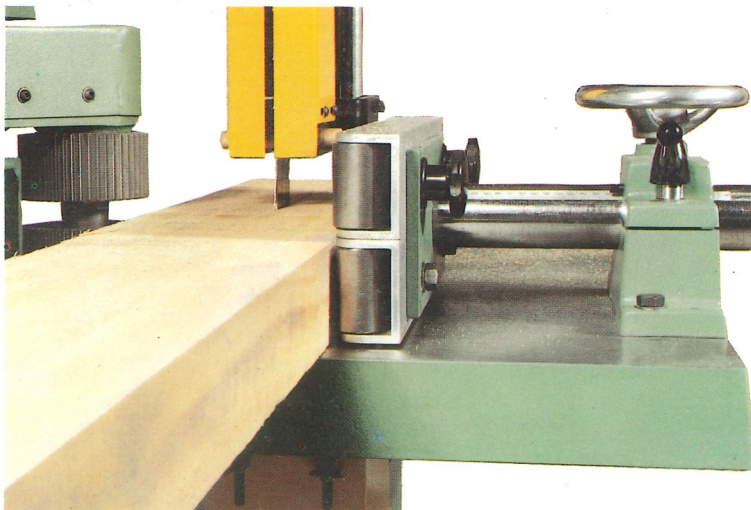
Thin broad stock can be sawn with impressive accuracy at up to 25m/min.

### Waney Stock

The design of the feeder makes it ideal for sawing waney stock and stock with width variation up to 100mm without re-adjustment.

### Feathered Stock

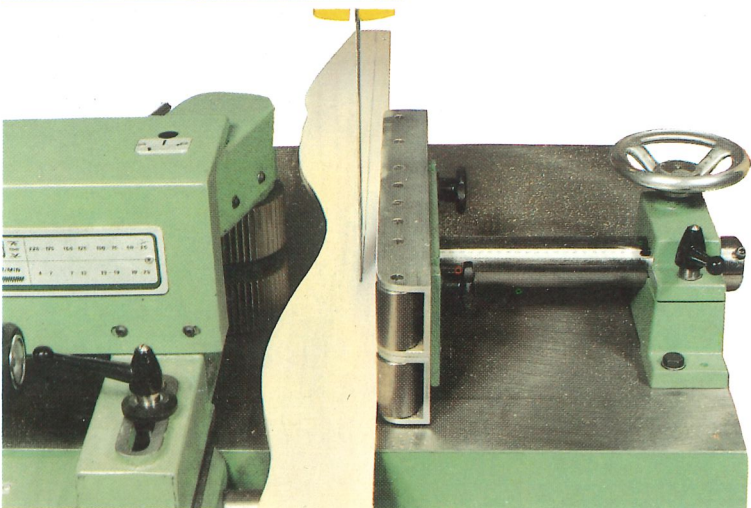
The table cants up to 35° to provide the perfect solution for sawing feathered stock.



### Widespread Industries

The high specification, ease of operation and low capital cost cannot fail to attract the attention of a very large number of users from widespread industries.

- \* Building contractors – for ripping large stock to size
- \* Small timber mills – to provide low cost resawing
- \* Furniture manufacturers – for ripping stock to size prior to moulding
- \* Fencing and pallet manufacturers – for ripping boards and posts to size after stock is cross-cut
- \* Joinery manufacturers – for ripping stock to size prior to profiling
- \* DIY supermarkets – for ripping stock to customers precise and unexpected sizes.



## outstanding investment

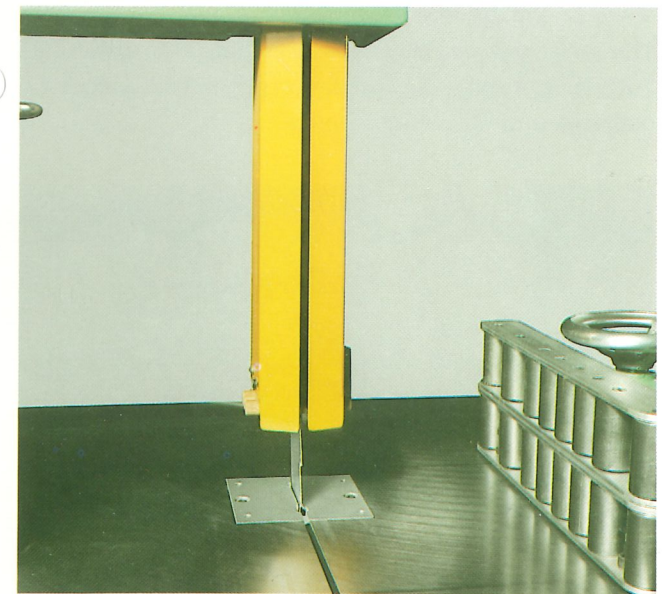
The dedication of the development team, coupled with two years market research into the best specification for a low cost resaw, have produced a machine offering not only outstanding design features but also outstanding return on the modest investment.

- \* Patented swinging arm feeder for easy feeding
- \* Multi-roller bed split level fence for reliable feeding
- \* Inbuilt safety features for maximum protection of operator
- \* Standard 80mm wide blades for economic running costs
- \* Big capacity for wide variety of stock

### Low Capital Outlay

The compact design of the PBR-HD incorporating a worktable height of 885mm means the most economical use of floor space without the need of the conventional foundation pit associated with resaws. Design for economic manufacture and low level maintenance features mean a low capital cost that is almost unbelievable, with maintenance downtime allowances well below average.

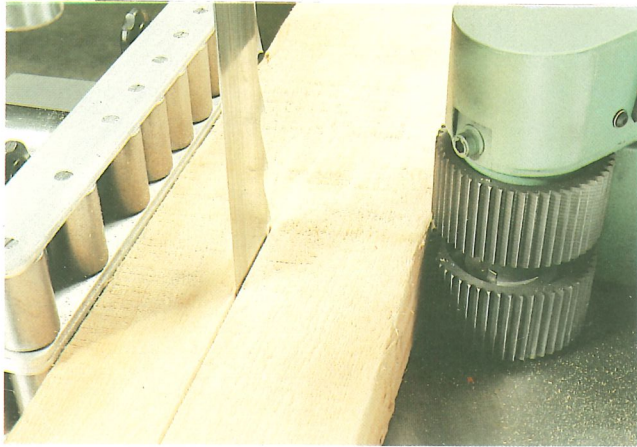
The all-up package is undoubtedly the most attractive available anywhere in the world. Coupled with the Bursgreen stamp of quality it's an investment that no one can afford to turn down.



### Safe to Operate

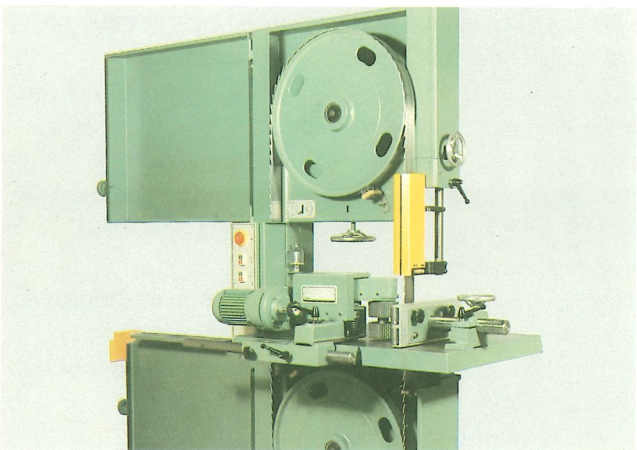
For greater safety and efficiency the top saw guard completely encloses the blade above the guard. Blade changing without removal of guard.

# Power Band Resaw - outstanding performance



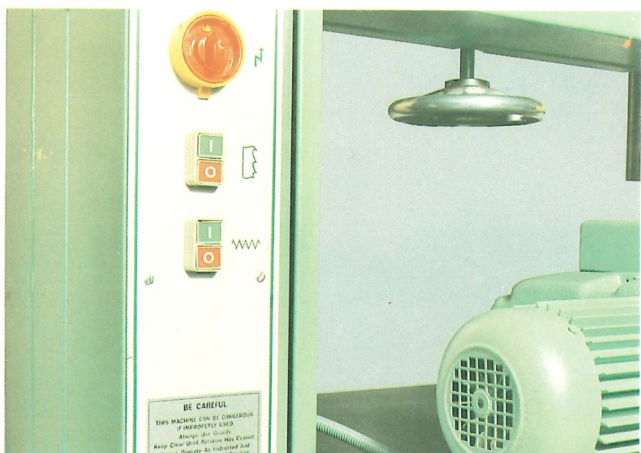
## High Timber Recovery

High timber recovery rate is attained from a 1.6mm kerf pre-tensioned blade through substantial savings on timber wastage.



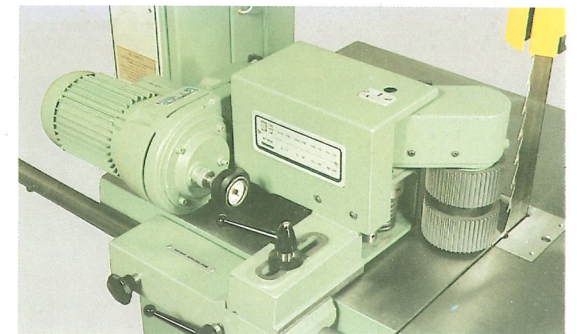
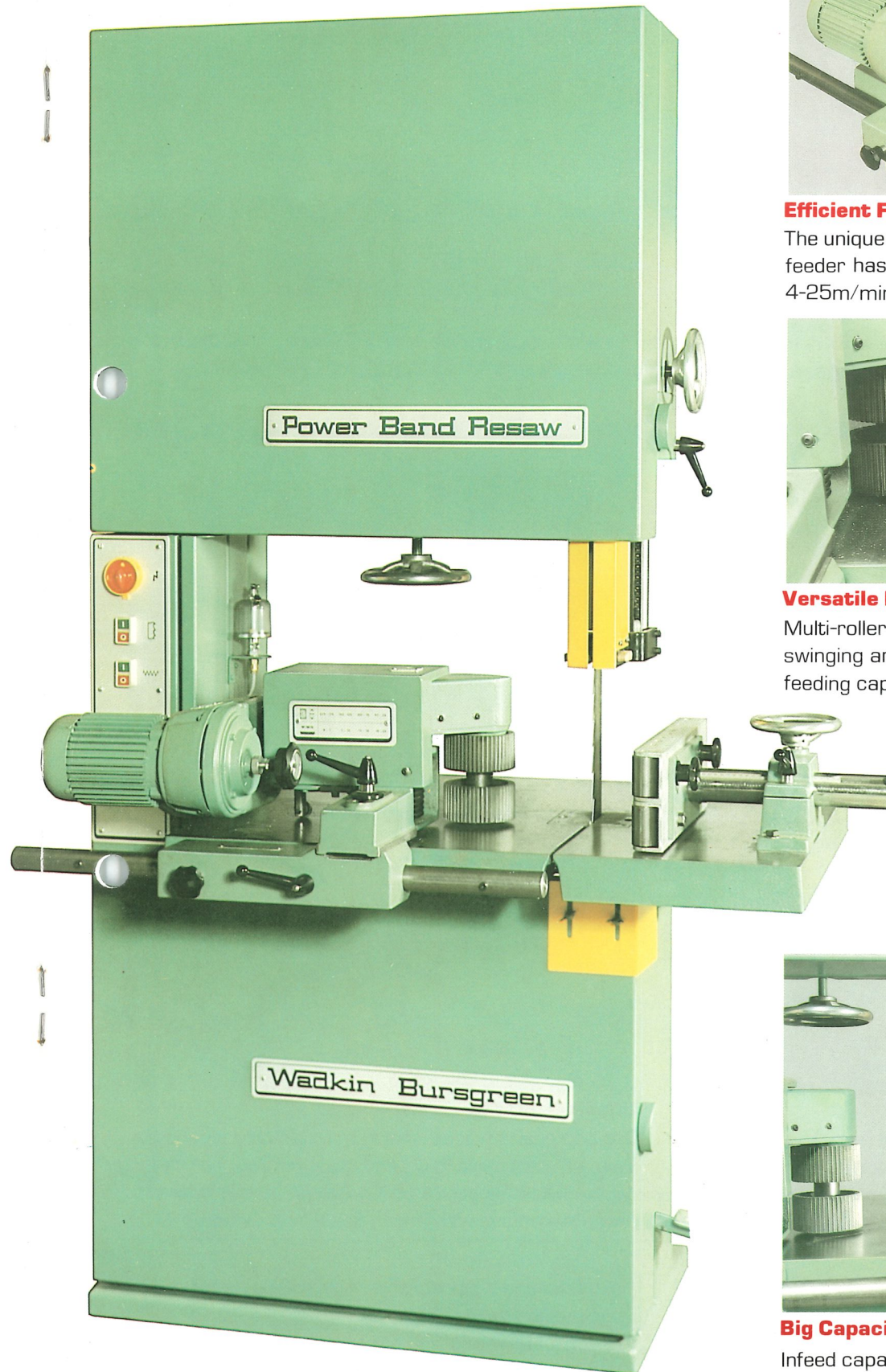
## Easy to Install and Maintain

The very compact machine (1.30m long x 1m wide x 2.25m high) needs no foundation pit, and full access doors lead to easy maintenance



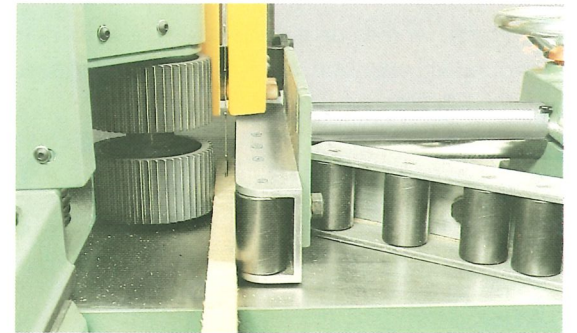
## Easy to Operate

Compact control panel with mains isolator motor and feed controls is integral to main frame at convenient height for operator.



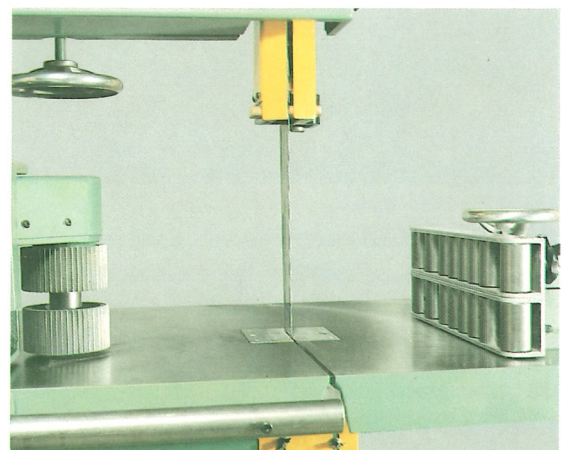
## Efficient Feeding

The unique patented high torque swinging arm feeder has fully variable feed speeds of 4-25m/min for optimum matching with stock.



## Versatile Feeding

Multi-roller split level fence combined with the swinging arm feeder provides extremely versatile feeding capability for almost any stock.

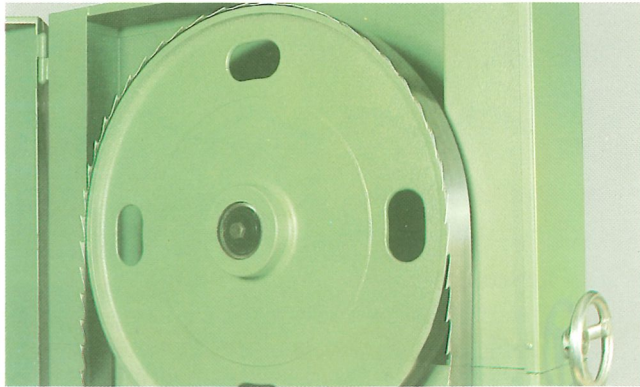


## Big Capacity

Infeed capacity of 230mm opening to fence, 380mm to feeder and 325mm clearance is impressive and caters for variety of applications and stock.

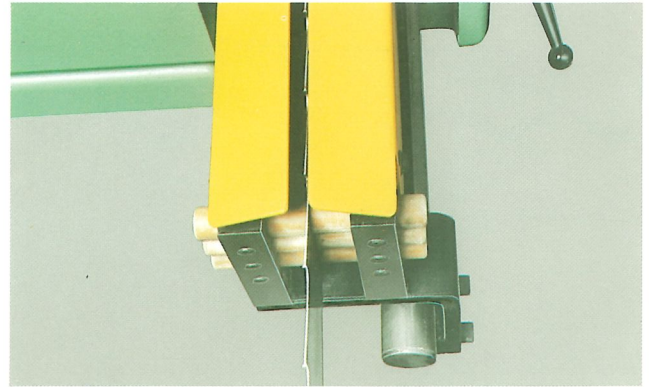
# PBR-HD Power Band Resaw

## — outstanding features



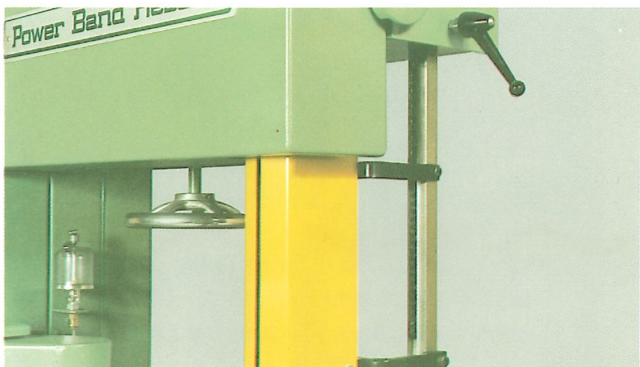
### Quiet and Efficient

Wide tired wheels on substantial bearings mean pronounced reduction in running noise. No load running 83dBa.



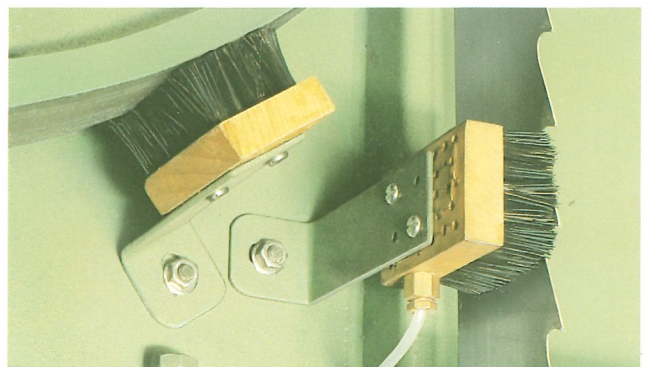
### Adjustable Guides

Top and bottom guides with adjustable Tufnol inserts provide efficient 12 point guidance to blade.



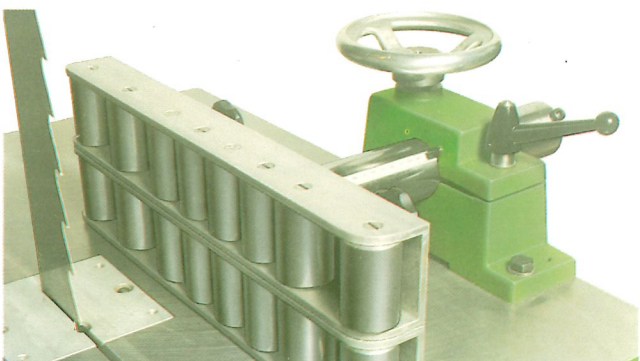
### Counterbalanced Guide

Top saw guide designed with counterbalanced mechanism for simple and safe operation.



### Auto Clean Device

Efficient auto drip feed wheel and blade cleaning devices ensure perfectly clean surfaces at all times.



### Split Level Fence

Substantial multi-roller bed split level fence has rack and pinion adjustment for reliable setting. Upper half removable to assist blade guidance for running accuracy with small sized stock.



### Superior Blades

Only top quality blades manufactured from Uddeholme Swedish steel for long life and quality of cut are used. Available in 80mm x 45 pitch x 20 gauge swage tooth for softwood and with Stelite tips for hardwood.

### Outstanding Options

To achieve the fullest potential of the machine, a number of special options are available

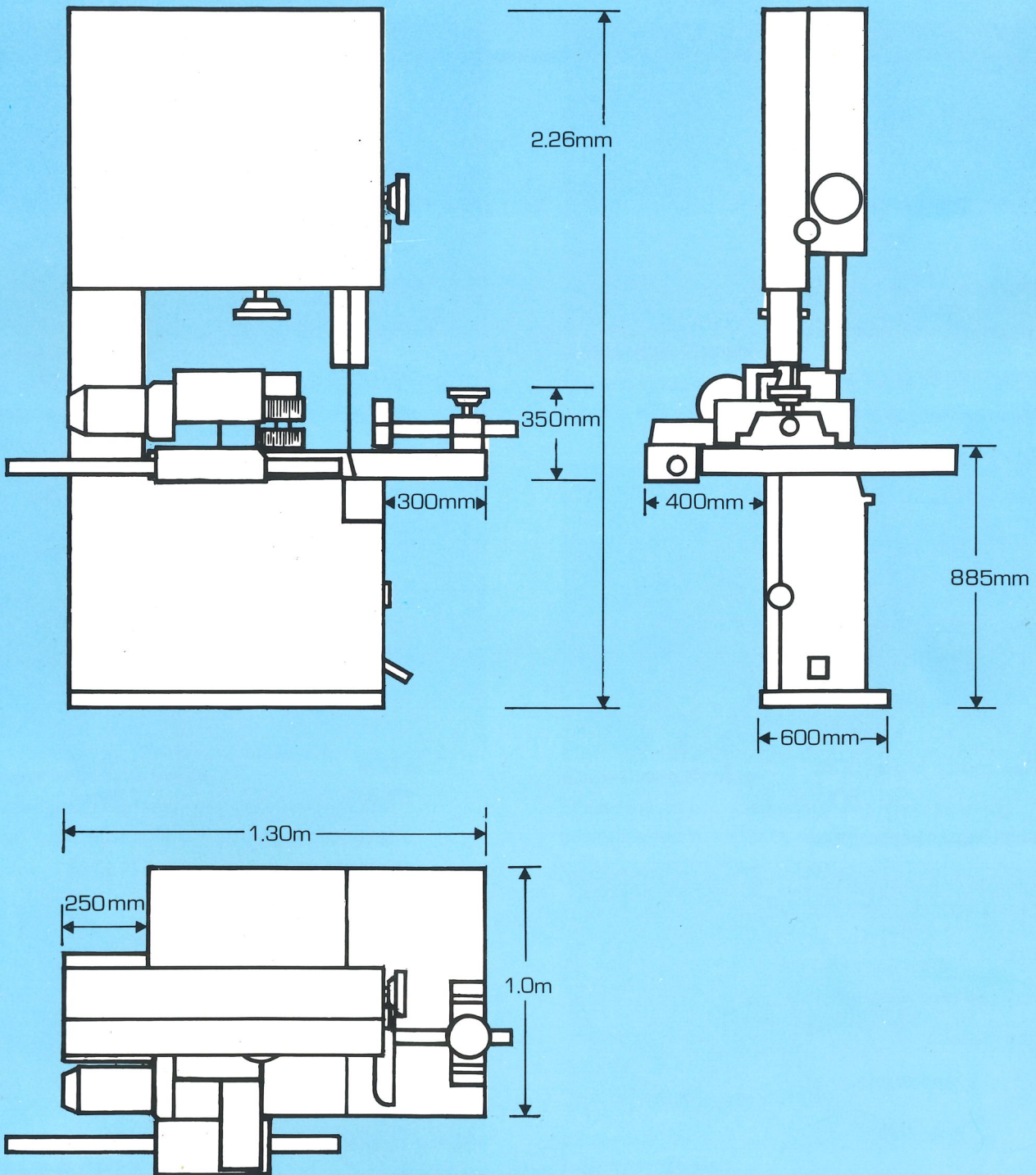
- \* Fine mechanical adjustment to canting table for ease of adjustment
- \* Adjustable roller stand to support infeeding of stock
- \* Large roller table 300mm x 2000mm to support outfeeding of stock

- \* Re-feed and support roller table extension for refeeding stock
- \* Electrically interlocked footbrake, access doors and blade tensioning for added safety
- \* Narrow blade guide for narrow blade work
- \* Spotlighting equipment

# — outstanding specification

Diameter of saw wheels	700mm	(27.5 in)
Maximum depth under saw guide	325mm	(13.0 in)
Multi roller fence opening	230mm	(9.0 in)
Maximum opening to feed	385mm	(15.0 in)
Maximum distance to sawbody	680mm	(26.7 in)
Maximum width of blade	78mm	(3.0 in)
Maximum length of blade	5070mm	(16 ft 8 in)
Minimum length of blade	4945mm	(16ft 2 in)
Table height	885mm	(34.5 in)
Table size	765 x 1025 mm	(30 x 40 in)
Table cant	35°	
Height of machine	2.26m	(7.5 in)
Saw motor speed, 50hz	3000 rev/min	
60hz	3600 rev/min	
Feed motor speed, 50hz	1500 rev/min	
60hz	1800 rev/min	
Saw motor power, 50hz	11kW	(15hp)
60hz	13.2kW	(18hp)
Feed motor power, 50hz	.75kW	(1hp)
60hz	.90kW	(1.2hp)
Star/Delta starter (UK & Europe)		
Speed of saw	1800m/min	(6000 ft/min)
Feed speeds, fully variable	5-25m/min	(15-80 ft/min)
Floor space	1.0m x 1.30m	(39 in x 51 in)
Weight (approximate)	675 kg	(1485 lb)

# PBR-HD - OUTSTANDING FROM ANY ANGLE



## DURHAM

Wadkin Durham, Fence Houses, Houghton-le-Spring, Tyne & Wear, DH4 5RQ, England.  
Telephone: (091) 385 2385 Telex: 53441 (Burdrm G). Fax: (091) 385 3311.

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