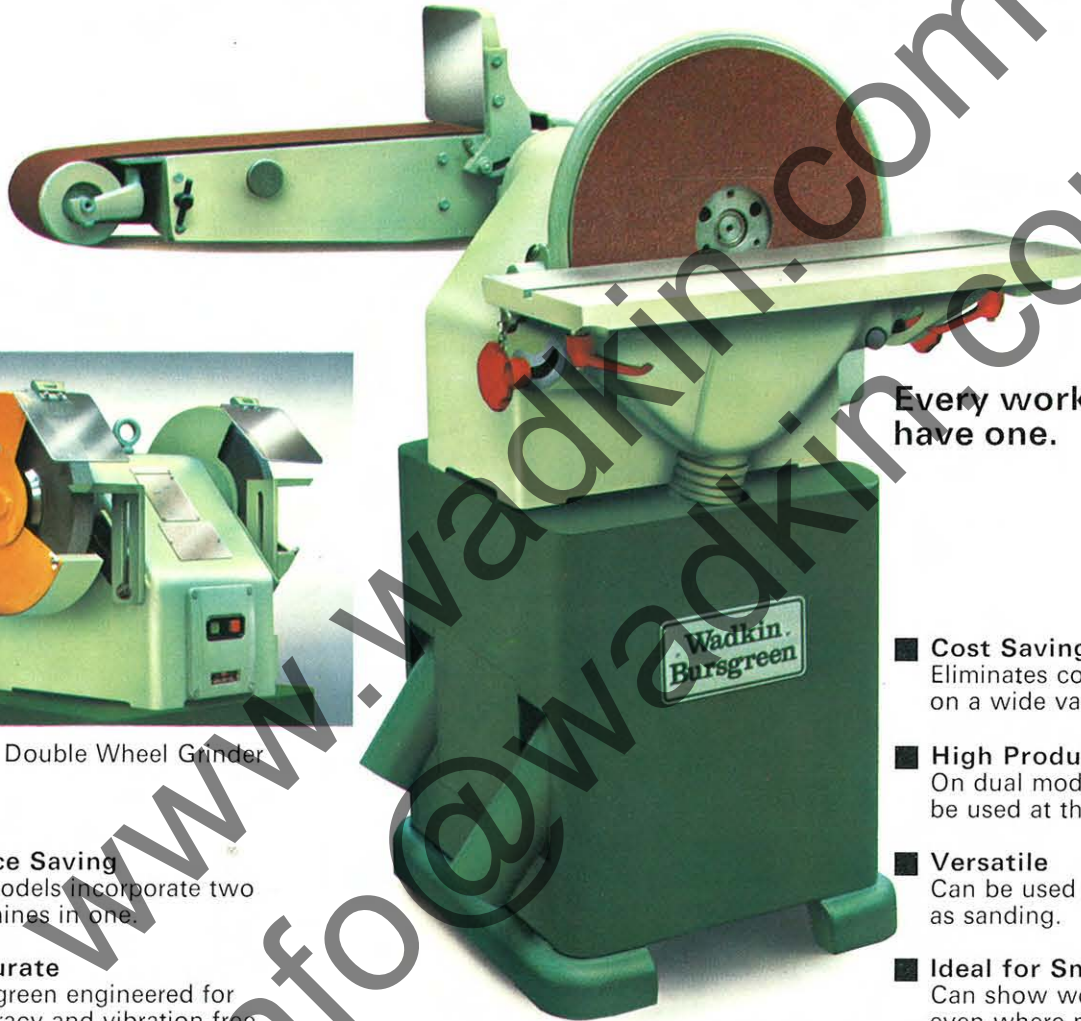




# BGY MODELS

## Industrial Abrasive Machines



BGY 3 Disc and Belt Sander

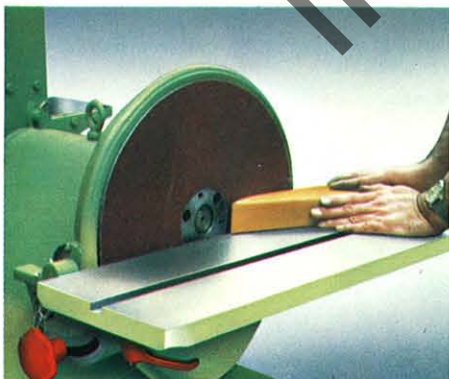
Every workshop should have one.



BGY 12 Double Wheel Grinder

- **Space Saving**  
12 models incorporate two machines in one.
- **Accurate**  
Bursgreen engineered for accuracy and vibration free running.

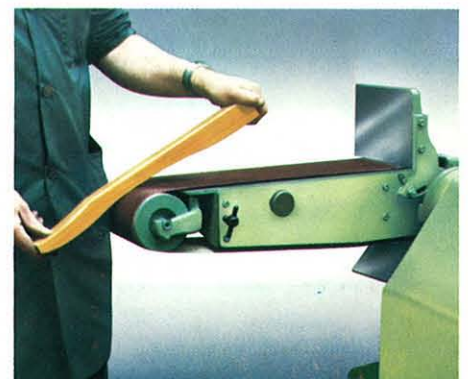
- **Cost Saving**  
Eliminates costly hand sanding on a wide variety of work.
- **High Production**  
On dual models both features can be used at the same time.
- **Versatile**  
Can be used for grinding as well as sanding.
- **Ideal for Small Components**  
Can show worthwhile economies even where more expensive equipment is installed.



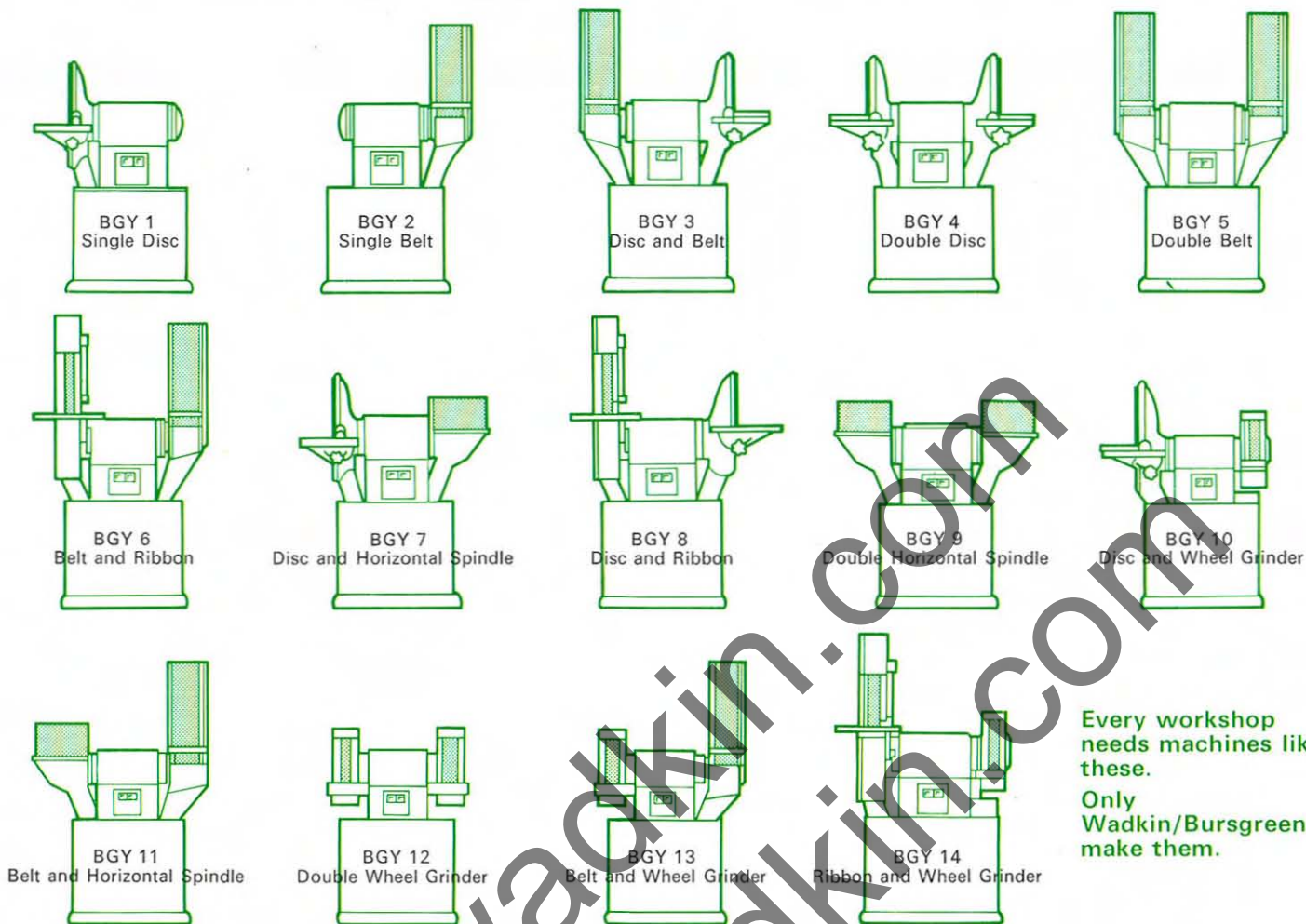
**Large Disc Table**  
Provides perfect support for edge sanding straight or external curved work.



**\*Adjustable Swivelling Fence**  
Combined with tilting table makes bevel sanding both easy and accurate.



**Small Diameter Idler Pulley**  
For sanding internal curved work. Belt can be used in either the horizontal or vertical position.



Every workshop needs machines like these.  
Only Wadkin/Bursgreen make them.

### Specification

#### Disc

Diameter of abrasive disc 405mm 16in  
 Size of disc table 635 × 230mm 25 × 9in  
 Height of disc table from floor 865mm 34in  
 Disc table cants -10° to +45°  
 Spindle speed 1500 rev/min  
 Disc will accept paper, cloth-backed or honeycomb abrasives for work on wood, metal, or plastic, etc.

#### Narrow Ribbon

Size of abrasive ribbon 2286 × 50 mm 90 × 2in  
 Height of ribbon table from floor 1020mm 42½in  
 Size of ribbon table 305 × 305 mm 12 × 12in  
 Ribbon table cants -10° to 45°  
 Diameter of ribbon pulleys 254mm 10in  
 Speed of ribbon 1200 m/min 3930 ft/min  
 Spindle speed 1500 rev/min 1500 rev/min

Will accept narrow ribbons of paper or cloth backed abrasives up to 50mm (2in) wide

#### Plain or Horizontal Spindle

Diameter of spindle 1¼in 1¼in  
 Useable length of spindle 194mm 7½/8in  
 Spindle speed 1500 rev/min 1500 rev/min  
 Height of spindle centre from floor 890mm 35in

This spindle unit includes one set of spacing collars to adapt customer's equipment, and will accept pneumatic bobbins from 100mm to 250mm (4 to 10in) diameter also brush-backed profile sander-heads and polishing or buffing mops.

#### Wheel Grinder

Maximum diameter of grinding wheel 305mm 12in  
 Maximum width of wheel 38mm 1½in  
 Diameter of centre bore in wheel 1¼in  
 Distance between grinding wheels 420mm 16½in  
 Spindle centre height from floor 890mm 35in  
 Spindle speed 1500 rev/min  
 Peripheral speed of wheel (305mm 12in diameter) 1432 m/min 4700

Wheel grinder has fully adjustable tool rests and is capable of general grinding work on all metals and work tools.

#### Wide Belt

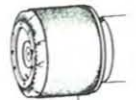
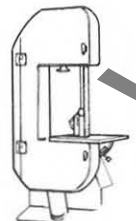
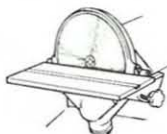
Size of abrasive belt 1600 × 150mm 63 × 6in  
 Size of abrasive belt table 470 × 180mm 18½ × 7in  
 Height of table from floor (horizontal) 965mm 38in  
 Size of canting table (vertical) 190 × 150mm 7½ × 6in  
 Diameters of belt pulleys 150 and 100mm 6in and 4in  
 Speed of sanding belt 716 m/min 2350 ft/min  
 Spindle speed 1500 rev/min 1500 rev/min

Wide belt will accept paper or cloth back abrasives for work on wood, metal or plastic etc.

#### Power of Motor

All models 1.5kW 2hp  
 Single phase electrics State voltage required

\*All models are provided with guards to British Standards except those with plain horizontal spindles, where the customer should provide his own.



### WADKIN PLC.

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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