

WK1170 Band Saw Blade Grinder

Model WK1170 | Saw Blade Resharper | WUK Machinery, Shenzhen China



Overview

The WK1170 grinds band saw blades from 15 to 50 mm wide with tooth pitch between 2 and 25 mm and thickness up to 8 mm. It runs from a 220 V single phase supply on a 250 W motor, with a 150 x 32 mm wheel turning at 2800 rpm. At 32 kg it is a bench machine, packed at 650 x 480 x 450 mm.

Who It Is For

Metal cutting workshops, small sawmills and resaw operators, joinery shops, and maintenance teams that get through band blades faster than an outside service can turn them around.

Key Benefits

- **220 V Single Phase Operation** – No 3 phase supply and no electrician. The machine plugs into an ordinary workshop socket.
- **32 kg Bench Weight** – It sits on the bench beside the band saw, so sharpening happens where the blade is rather than in another building.
- **Tooth Pitch 2 to 25 mm** – Fine tooth metal cutting blades and coarse resaw blades are both covered on the same machine.
- **Wheel Thickness 2 to 10 mm** – Wheel thickness is matched to the gullet so the tooth form is restored rather than flattened.

Technical Features

- Band blade width capacity 15 to 50 mm
- Tooth pitch range 2 to 25 mm
- Maximum blade thickness 8 mm
- Grinding wheel 150 x 32 mm with 2 to 10 mm thickness options
- Wheel speed 2800 rpm from a 250 W motor
- 220 V single phase supply

WK1170 Specifications

Figures are taken from the machine data sheet. Items not documented are marked TBC rather than estimated.

Grinding range of width	15 to 50 mm
Blade pitch	2 to 25 mm
Max thickness	8 mm
Grinding wheel size	150 x 32 x 2 to 10 mm
Grinding wheel speed	2800 rpm
Power	250 W
Voltage	220 V
Packaging size	650 x 480 x 450 mm
Machine weight	32 kg

Applications

- Sharpening band blades on metal cutting bandsaws
- Resaw and horizontal band mill blade maintenance
- Butchery and food processing band blade sharpening
- Workshop maintenance where a blade change is a daily event
- Small blade service operations covering local customers

Materials and Construction

Cast and fabricated bench frame with a mechanical feed pawl and adjustable grinding head. Wheel profile is selected to match the blade gullet.

Quality Control Before Shipping

- Wheel speed verified at 2800 rpm
- Feed pawl indexing checked across a length of blade
- Grinding head alignment measured
- Ground teeth inspected for consistent gullet form
- Electrical safety and insulation check before packing

Customisation Options

- Wheel profile and thickness for your gullet form
- Alternative voltage for your supply
- Bench or stand mounting
- Blade guides for narrow or wide blades
- Operator documentation in your working language on request

Certification

Certification is quoted and confirmed in writing on request. Documented certification status for this model is TBC.

Commercial Terms

- Minimum order: 1 set



- Delivery: 15 to 45 working days after deposit
- Trade terms: EXW, FOB, CFR and CIF
- Packing: plywood cases lined with plastic film
- Warranty: 12 months on the machine
- CNC control options where applicable: FANUC, SIEMENS, SYNTEC and GSK

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www.wuktech.com/products/wk1170-band-saw-blade-grinder.html