



ARTI Bileme

GRINDING& WELDING MACHINERY

PNK-AB
AUTOMATIC BAND SAW GRINDER



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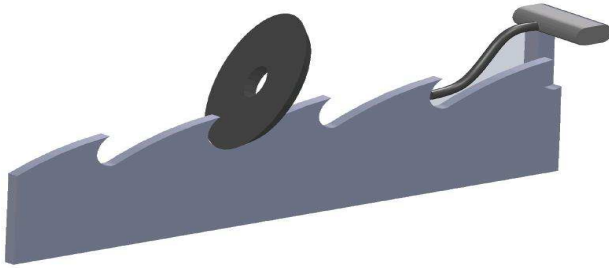
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PNK-AB

Depending on the cutting type and purpose, PNK-AB is designed to grind various band saws in various forms, width and thickness.

Compact and rigid grinding unit of PNK-AB machine provides precise and stable grinding.

Purpose:

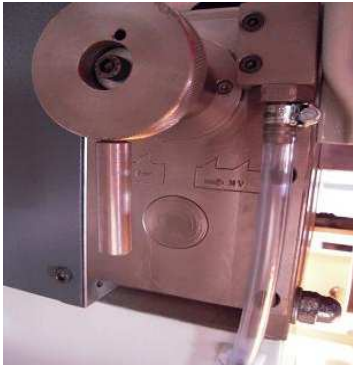


PNK-AB at a glance:

- Automatic band saw grinding machine up to 200mm width.
- Dry grinding.
- On/off switch.
- Max. 60mm tooth pitch.
- Fast and precise grinding of NV, PV, KV tooth forms.
- Grinding wheel riding on linear rails.
- Manual central lubrication.
- Manual saw holder front tool lifting.
- Optional circular (HSS) and gang saw grinding attachments.
- Production conformed with CE standards.



Capacity: Grinding up to 30 band saws per day.



Cam-controlled tooth form swap



Rigid block grinding unit



Ease of operation by on/off switches

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Technical Specifications:

Band saw width	15-200mm
Tooth pitch	5-60mm
Tooth depth	Max. 30mm
Tooth forms	PV, NV, KV
Hook angle	(-10°) (+30°)
Blade thickness	0.6 – 3.2mm
Feeding rate	45 teeth/min.
Motor quantity	2
Grinding wheel diameter	Ø200mm
Grinding wheel bore diameter	Ø20mm
Grinding wheel thickness	8/10/13mm
Operating voltage	380V, 3Ph, 50-60Hz
Total power	~1kW
Net/gross weight	350/375kg
Dimensions	80*120*180cm



PNK-AB Accurate tooth pushing

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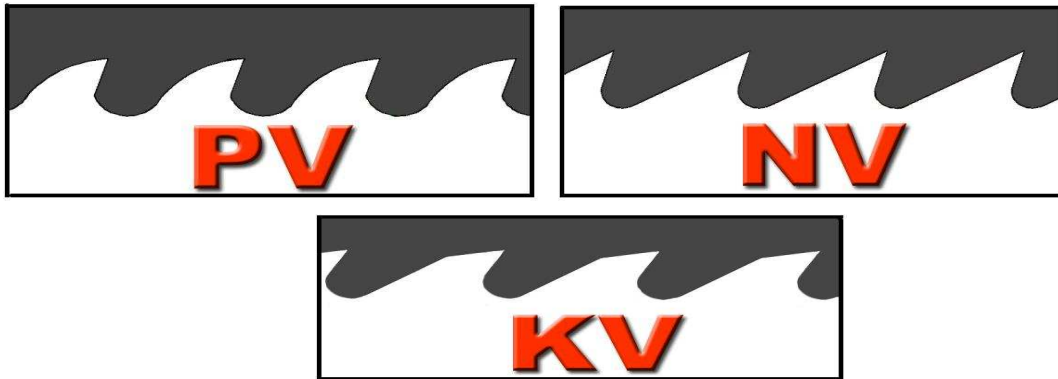


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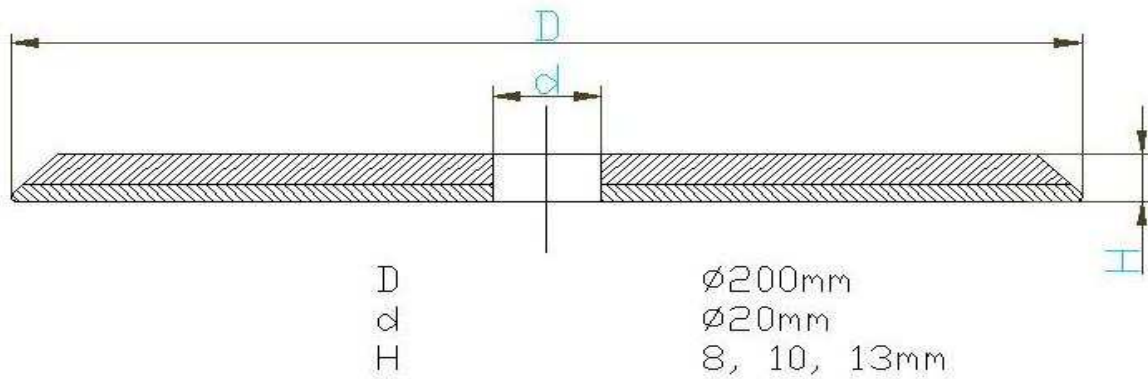
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Tooth forms:



Grinding wheel:



Fast and precise grinding



Adjustable grinding angle

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Motors on the machine:

- Grinding wheel motor – 0,55kW 1400 r.p.m.
- Gearbox motor – 0,55kW 1400 r.p.m.

Warranty period:

Mechanical guarantee : 1 year against production faults.

Electronic guarantee : 2 years against production faults.

(The warranty does not cover the electric motors and the supplied electrical materials)

Included accessories:

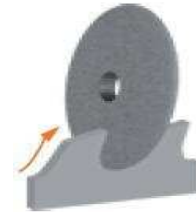
- Saw holder legs.



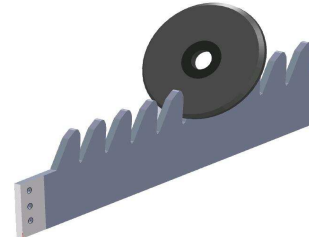
Optional supplements:

- Grinding wheel.
grinding
- Wheel dresser.
- Circular (HSS) saw grinding attachment.
- Gang saw grinding attachment.
- Coiler and uncoiler for band saw manufacturers.
- Heavy duty band saw support legs.
- Light unit.
- 0-30 teeth/min. feeding rate speed control.
- Double revolution grinding wheel motor.
- Manual lubrication pump.
- Closed packing.

Optional HSS circular saw



Optional gang saw grinding



To be invoiced separately.

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