

## Product Datasheet



## PNK-AC HSS CIRCULAR SAWS GRINDING MACHINE





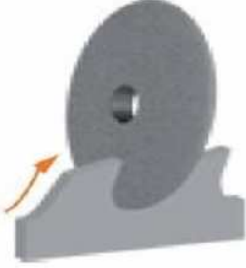
## **PNK-AC**

PNK-AC is specially designed for grinding the teeth of HSS circular saw blades used in metal cutting.

The aim is to provide a clean and an undamaged cutting edge for the materials used.

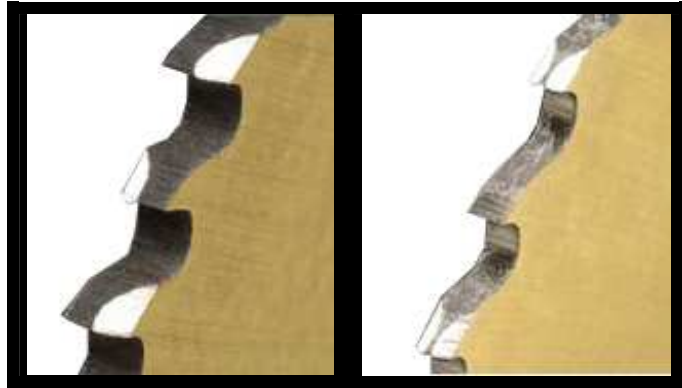
PNK-AC HSS Circular Saw Grinder features two motors.

### **Profile grinding operation:**



### **PNK-AC General Features:**

- Automatic grinding of HSS circular saws.
- Grinding wheel riding on linear rails.
- Non-corroding and hardening plating on all mechanical components.
- On/off switch.
- Ease of use.
- Minimum space required.
- Production conformed with CE standards.



### **Manual Right / Left Chamfering of HSS Circular Saw Blades**

**Capacity:** Grinding up to 30 HSS Circular saws per day.



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## **PNK-AC**

### **Technical specifications:**

Circular saw outside diameter	Ø70-700mm
Manual Chamfering (Right and/or Left)	Maximum 45°
Indexing stroke	0-30mm
Tooth depth	0-60mm
Tooth forms	A, AV, B
Circular saw hook angle	0 -30°
Feeding rate	90 teeth/min.
Motor quantity	2
Grinding wheel diameter	Ø200mm or Ø150mm
Grinding wheel bore diameter	Ø20mm
Grinding wheel thickness	1.3mm to 10mm (depending tooth pitch)
Operating voltage	380V, 3Ph, 50-60Hz
Total power	~1,50kW
Net/gross weight	350/375kg
Dimensions	80*120*175cm

### **Saw holders provided with the machine:**

Ø20 – 22 – 25 – 30 – 32 – 35 – 40 – 45 – 50 – 55mm



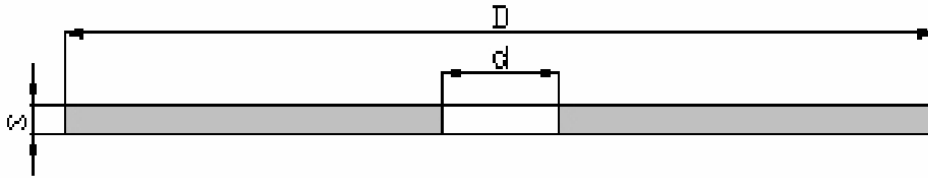
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## PNK-AC

### Profile tooth forms:



### Vitrified Grinding wheel:



<b>Outside diameter (D)</b>	: Ø200 or Ø150mm
<b>Bore diameter (d)</b>	: Ø20mm
<b>Thickness (s)</b>	: 3mm
<b>Type</b>	: 1A1 – Vitrified wheel.



## **PNK-AC**

### **Motors on the machine:**

- i. Grinding wheel motor – 0.55kW, 1400 r.p.m.
- ii. Gearbox motor double-rev. – 0.55kW, 1400 r.p.m.  
– 0,75kW, 2800 r.p.m.

### **Warranty Period :**

- Mechanical Guarantee** : 1 year against production faults.  
**Electronic Guarantee** : 2 years against production faults.

### **Optional Supplements:**

- Grinding wheel
- Spare index finger
- Light unit
- Saw blade holders in variant sizes  
*(Saw holders up to Ø55mm are provided with the machine free of charge. Each holders for bigger diameters are optional).*
- Coolant unit with enclosure
- Band saw grinding attachment
- Gang saw grinding attachment
- Closed packing

*To be invoiced separately.*

### ***Optional gang saw grinding:***

