



Type 1000/2000

Automatic sharpening machine for friction circular saw blades with parrot and peg tooth shape and hot saws

Type 1000/2000

The Type 1000/2000 automatic sharpening machines are the ideal machines to grind friction saws and hot saws from (120) 400 to 1000 mm/360 to 2000 diameters.

Characteristic are the compact, heavy duty design for long and trouble-free service life; all essential pre-conditions for outstanding grinding results. The Type 1000/2000 are extremely simple to operate and set, even during operation. All the drive elements are located in the enclosed machine housings. The infinitely variable-speed gear permits the most favourable speed to be selected at all times anywhere between 30 and 75/15 and 50 teeth per minute.

The long, generously dimensioned grinding head guide is a determining factor in ensuring the high standard of quality. Grinding wheels with a diameter of 250 mm guarantee a high grinding output.

The required tooth shapes are set simply by adjusting a lever. Saw blades with missing teeth can be simply machined with the aid of the standard indexing device. Selection of an indexing gear allows the profile grinding of saws, even if the gullet is blocked by tinder or chips.

The machines are fitted as standard with a dust extraction system which can be connected to a grinding dust filter.

Advantages at a glance

- ✎ Mature machine concept
- ✎ Compact, heavy-duty, closed construction for outstanding grinding results
- ✎ Simple operation, convenient setting
- ✎ Grinding wheels with 250 mm dia. take care of high grinding output
- ✎ The most favourable working speed at all times through infinitely variable control gear

Technical Data

Working range	Type 1000	Type 2000
Saw blades diameter	Ø (120) 400 – 1000 mm	Ø 360 – 2000 mm
Tooth Pitch	10–100 mm (152–432 teeth)	8–90 mm (125 mm with indexing dev.)
Tooth Hight	up to 35 mm	up to 35 mm
Sawblade thickness	3 – 10 mm	up to 12 mm
Working Speed	30 – 75 teeth/min.	15 – 50 teeth/min.
Grinding wheels		
Diameter	Ø 250 mm x 20 mm	Ø 250 mm x 32 mm/60 m/sec!
Bore size	Ø 40 – 200 mm	Ø 40 – 480 mm
Electrical installation		
Power input	2.1 kW	4.4 kW
Weight		
	approx. 500 kg	approx. 580 kg
Dimensions (W x D x H)		
	1015 x 1210 x 1745 mm	1015 x 1210 x 1745 mm

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