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ELITE GBT 850 mono

Carbide-tipped side grinding machine for circular saws equipped with cooling system

Single wheel system

For sharpening the tooth flanks after a circular saw repair or complete re-tipped



The ELITE model GBT 850 mono is our sides grinder for circular saws with tungsten carbide teeth.

It is equipped with a single wheel and its operation is manual.

Allows precise and fast sharpening of the teeth to leave the saw in its original state after a complete re-tipping of teeth or partial saw repair.



Saw diameter from 100 mm.

For grinding the flanks of scoring discs or portable machines.

Allows the indexing of any type of tooth pitch.

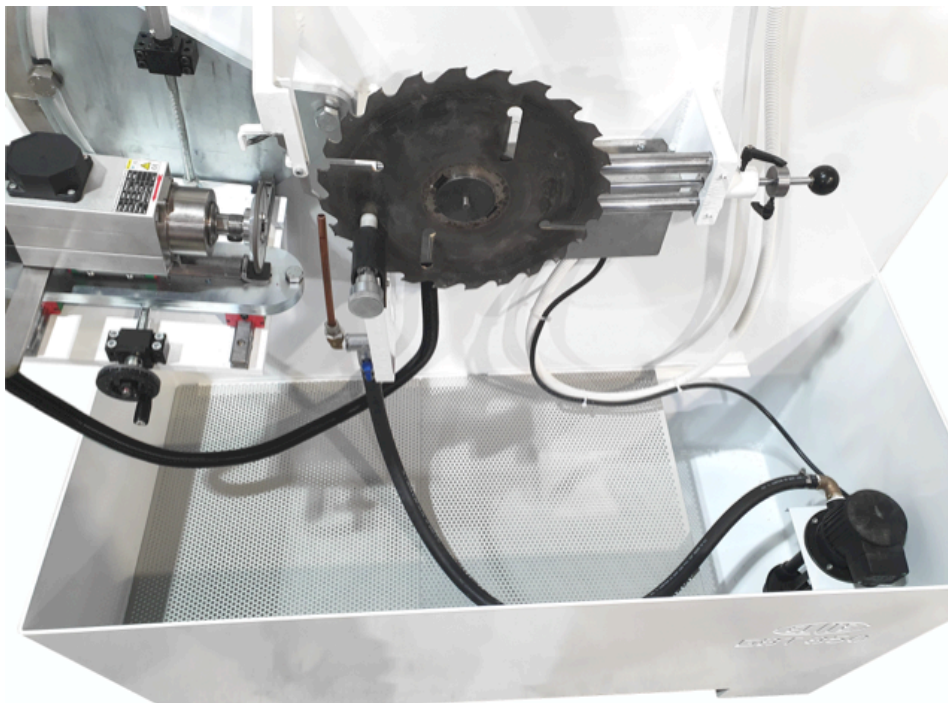


Simple and easy to use control panel

The machine includes the LED cabin light as standard.

The control panel allows the selection of sense of direction of the grinding wheel to the left or right.

The grinding wheel motor with a motorized direct spindle system rotates at 9,000 RPM for optimum sharpening quality with minimal stone wear. It is driven by a frequency converter.



Integrated refrigeration unit

Allows wet sharpening for better surface quality and longer grinding wheel life.

It integrates a 200 liter tank with removable grids for easy cleaning.

Available as an option.



Quick access

Clean design and easy access for the revision or repair of the machine.

The electrical panel is located in the lower part and the mechanics in the upper part of the machine, protected by an easy-to-open cover.

SPECIFICATIONS

Saw blade diameter	100 to 850mm (4" to 33.5")
Saw blade hole diameter	From ø10 mm.
Saw blade body thickness	Up to 8 mm.
Tooth pitch	Any tooth pitch is possible

SIDES GRINDING

Sharpening travel	Up to 40mm.
Rake angle	From +15° to -30°
Radial cutting angle	From +5° to -5°
Tangential cutting angle	From 0° to 5°

REFRIGERATION EQUIPMENT

Tank capacity	220 liters
Coolant flow rate	Up to 40 litres/minute

TECHNICAL DATA

Wheel motor	0.75kW
Wheel speed	9000 RPM
Grinding wheel diameter	ø100mm.
Grinding wheel hole diameter	ø20mm.
Machine dimensions	1300 x 800 x 1600mm.
Machine weight	400 Kg.

HIGHLIGHTS

- Any tooth pitch is possible
- Integrated cooling unit as an option
- Robust and very simple design that allows continued use of the machine without breakdowns
- Easy to use
- Very compact machine with a wide range of disc diameters: from 100 to 850 mm.

We reserve the right to make design changes in the interest of technical progress.

www.elite.es