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SHARPENING WELDING FILTRATION CLEANING CONSUMABLES CATALOG NEWS STORE

## ELITE MVB 850

Carbide Tipped Circular Saw Sharpener and Back-off grinder

Equipped with 4 CNC axes

Grinding of the back of the saw body, and flat sharpening of the face and top of the carbide tooth



The ELITE model MVB 850 is our back-off grinder to remove the steel in the circular saws with tungsten carbide teeth. It can also sharpen the face and the flat top of the teeth.

For saws from  $\varnothing 100$  to 850 mm.

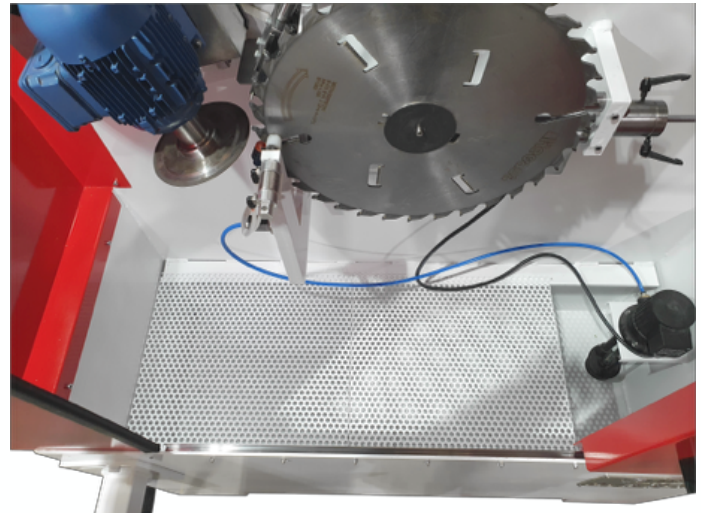
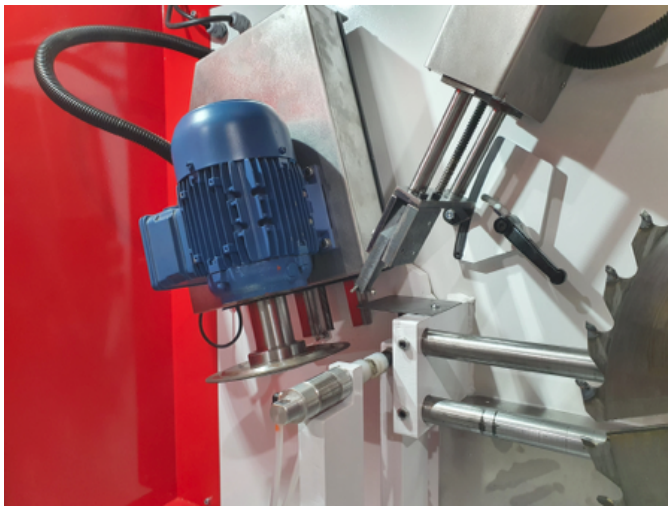
Making it an ideal machine for the sharpening workshop that wants to leave the saws in perfect condition. As well as an indispensable machine for the sawmill, since in addition to the above it allows sharpening of the inside of the tooth as well as the outside of the tooth in a flat way.



## Machine control panel

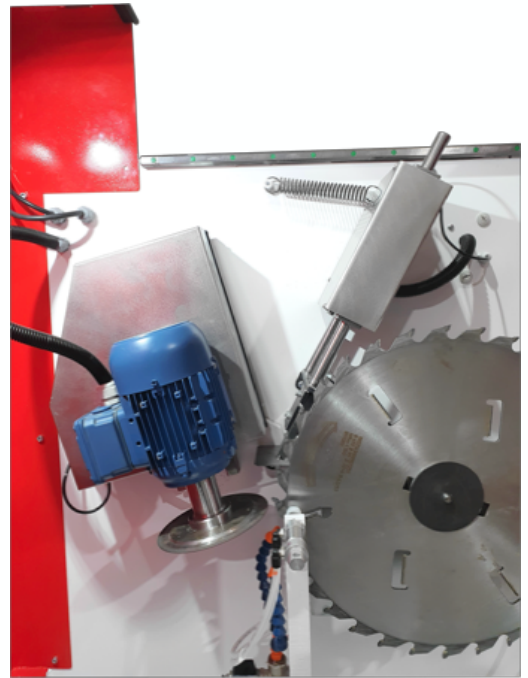
It allows the programming of the machine, among the programmable values are:

- Tooth angle programming: The grinding wheel axis will automatically move to the value entered in the program.
- Sharpening path
- Sharpening load
- Sharpening speed
- Tooth pitch
- Advancement speed of the tooth advancement claw
- Number of teeth
- Broken teeth



## Coolant tank

Big coolant tank with capacity up to 225 liters



# SPECIFICATIONS

<b>Saw blade diameter</b>	from 100 to 850 mm (from 4" a to 33.5")
<b>Saw blade bore diameter</b>	From ø10 mm.
<b>Blade thickness</b>	Up to 8 mm.
<b>Tooth pitch</b>	Up to 125 mm.
<b>BACK OFF GRINDING</b>	
<b>Grinding path</b>	Up to 50 mm.
<b>Grinding angle</b>	From 0° to -40°
<b>TOP GRINDING</b>	
<b>Clearance angle</b>	Available as an option From +5° to +25°
<b>Bevel angle</b>	0°
<b>Grinding path</b>	Up to 25 mm.
<b>FACE GRINDING</b>	
<b>Hook angle</b>	Available as an option From -10° to +25°
<b>Grinding path</b>	Up to 25 mm.
<b>Technical data</b>	
<b>Grinding wheel motor</b>	0,33 kW
<b>Grinding wheel speed</b>	2800 RPM
<b>Grinding wheel diameter for back-off grinding and top</b>	ø150 mm.
<b>Grinding wheel diameter for face grinding</b>	ø175 / ø200 mm.
<b>Up to 4 CNC axis</b>	C: Feed pawl, Z: Sharpening travel, X: Sharpening load, Optional: B: Tooth angle
<b>Machine dimensions</b>	1410 x 1225 x 1800 mm.
<b>Machine weight</b>	460 Kg.
<b>Available versions</b>	Half enclosure - Full enclosure

## HIGHLIGHTS

- 4 CNC axes for automatic work programmable from the control panel
- Programmable tooth pitch
- Back-off grinding of the saw body, sharpening the inside and sharpening the flat outside
- 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](http://www.elite.es)

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