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## ELITE MD

Automatic and economic carbide tipped circular saws sharpening machine.

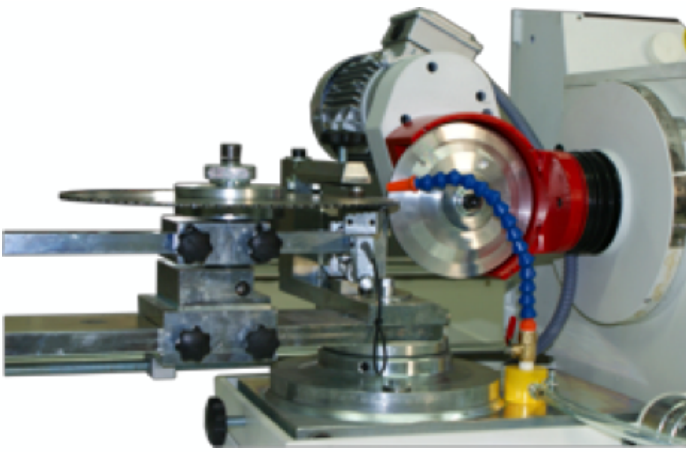
Face and top grinding on saw blades from 100 to 650 mm.



ELITE MD is our automatic, compact and economic machine for sharpening carbide tipped circular saws that allows to sharp all geometries of the top and face of teeth in circular saws from 100 to 650 mm. diameter.

Automatic sharpening is possible by programming a LCD panel.

The speed of sharpening is adjustable.



Face grinding.



Top grinding.



Circular saw blade refrigeration. The machine can be optionally equipped with refrigeration system which includes tray, coolant tank and pump.



Collection tray for coolant.



LCD display with an easy programming of grinding process.

TOP GRINDING

**Tooth geometries**

Flat tooth

1 lap



Left beveled

1 lap



Right beveled

1 lap



Diamond tip

2 laps



Trapezoidal

3 laps



Alternate

2 laps



Alternating bevel

2-4 laps



Diamond-flat tip  
with height difference

3 laps



Trapezoidal-tip  
with height difference

4 laps



Trapezoidal-trapezoidal  
with height difference

4 laps



FACE GRINDING

**Tooth geometries**

Flat tooth

1 lap



Left beveled

1 lap



Right beveled

1 lap



Trapezoidal

3 laps



Alternate

2 laps



# SPECIFICATIONS

## Technical data

<b>Saw blade diameters</b>	from 100 to 650 mm (from 4" a to 25,5")
<b>LCD display</b>	with a very easy programming system.
<b>Top and face grinding</b>	of the circular saw blade tooth as the back off.
<b>Top profile</b>	flat, alternate, trapezoidal and all its combinations.
<b>Face profile</b>	flat, alternate
<b>Tooth pitch</b>	Up to 100 mm

## Available versions

<b>Model</b>	<b>Packing size</b>	<b>Weight</b>
MD	1250 x 850 x 1600 mm.	340 Kg.
MD Hollow facee	1250 x 850 x 1600 mm.	360 Kg.

## Optional accesories

- Refrigeration system. Includes tray, coolant tank and pump
- Hollow face grinding system, includes high speed spindle at 24.000 RPM
- Increased the maximum diameter of the saw to 750 mm. (29,5")

## HIGHLIGHTS

- Efficient and fast top and face grinding thanks to its infinitely regulable infeed speed
- All tooth profile can be sharpened
- Easy to use: suitable for both professional to beginners workshop operators
- Its design enables fault free, low maintenance for long

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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