

ELITE CC PRO

Knife automatic grinding machine for circular bevel: it sharpens knives with up to four bezels: two different angles on each side.

Equipped with 3-axis numerical control for automatic sharpening process. High quality finishes with the best working times.



The new ELITE CC PRO is our most innovative design for sharpening circular knives from $\varnothing 25$ to $\varnothing 800$ mm.

It allows the automatic sharpening of the 4 corners of a knife bevel: two angles on one side and two angles on the other side.

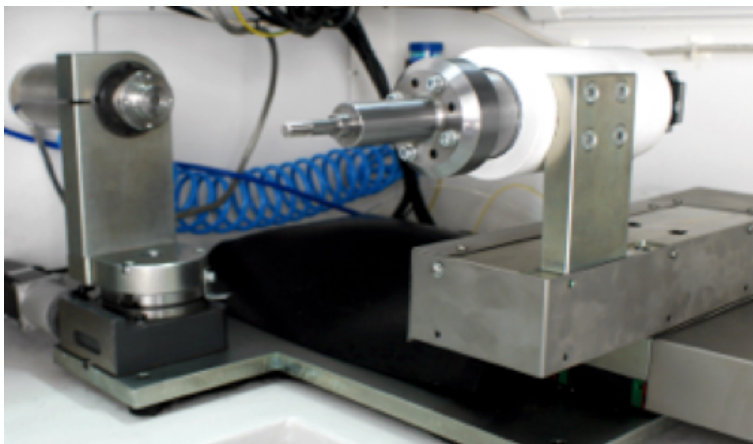
Optionally available is the sharpening system with tangential grinding wheel, for tangential grinding wheel finishing for those knives that require it.



LCD screen that allows a very easy to use programming system with control guided steps.



Cup grinding wheel
Optional: Cup + tangential grinding wheel



Working area overview



Cooling equipment with 2 bar and 20 l/min., with 80 lts. tank, pump and faucet.



LED lamp that allows economical and high visibility lighting.

Optional accesories

- Finishing program with tangential blades sharpening
 - A-axis CNC rotation by means of precision gearbox and servo motor
 - Centering rings (depends on diameter)
 - Saw blade holder (depends on diameter)
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SPECIFICATIONS

Technical data

Circular saw blades	from ø25 to ø800 mm.
Grinding wheel motor	2 HP. With frequency converter to adjust the grinding wheel from 3.000 to 9.000 RPM
Grinding wheel	ø100 mm.
Sharpening on one operation	Up to 4 cutting angles
Programmable grinding wheel and counter blade speed	for roughing and finishing
Programmable knife speed	from 10 to 70 RPM
Circular knife angle	from +90° to -90°. On or two angles on each bezel
Grinding cycle programming	Manual and CNC approach
Production program	For equal diameter knives as standard
Automatic lubrication system	
Coolant tank	with 2 bar and 20L/min., with 80 lts tank, pump and faucet.
Max. connected power	4 kW

Available versions

Model	Packing size	Weight
CC PRO	1300 x 1600x 1800 mm.	840 Kg.

HIGHLIGHTS

- Solid and powerful machine, free of vibrations for the most precise and fast work in the circular knives sharpening.
- Programmable PLC panel with LCD screen for easy and intuitive work.
- Sharpening in one setup up to 4 different angles.
- Fully configurable work cycle: Roughing, finishing and spark out.
- Higher coolant tank than previous models: higher tank capacity, more pump flow and improved settling.
- Circular Production program for knives at the same height available as standard.
- Optional: cabin door made in INOX steel.

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