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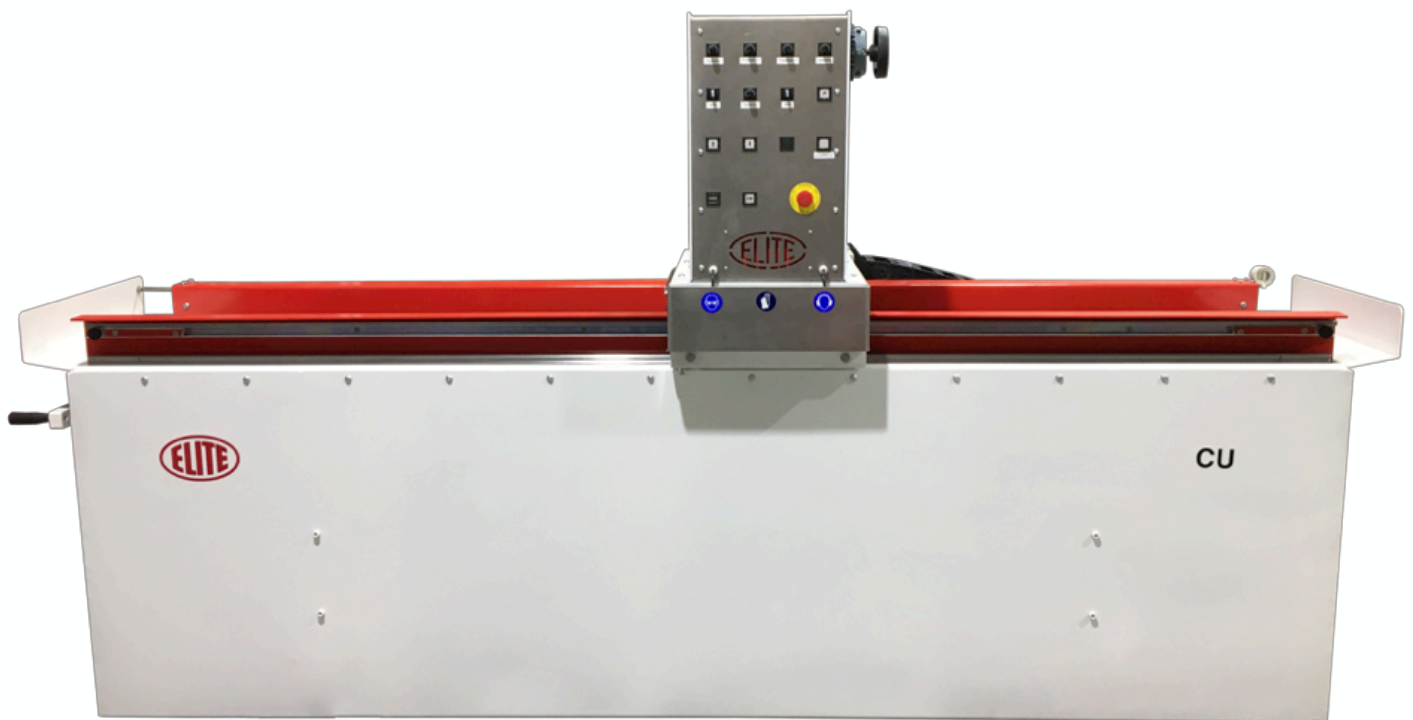
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## ELITE CU

Industrial knife sharpening machine

Capacity up to 4090 mm. Depending on model

Automatic, simple, compact and economical machine which requires a low maintenance



The **Elite CU model** is our innovative sharpening and grinding machine for straight knives with sharpening capacity from 1000 mm up to 4090 mm.

It's an automatic, simple, compact and economical machine which requires low maintenance.

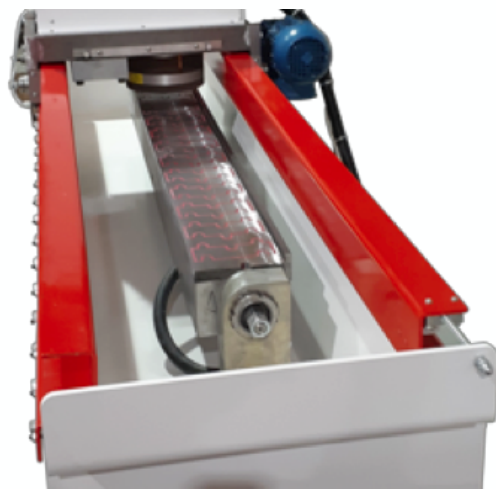
Equipped with a control panel very easy to use but very powerful, with which sharpening and preparation times are as fast as possible.

We have been analyzing the working cycle of a workshop to optimize the use of the machine. The result is a control panel with only the needed buttons, like the knives sharpening machines of the past, but inside has a powerful PLC, so that the sharpening cycle is automatic with good quality.

Once the sharpening cycle is finished, if you selected the polishing cycle, this is activated automatically, for maximum sharpening quality and minimum surface roughness of the knife. And the machine automatically reduces the carriage speed for that fine-finishing operation.



Control panel very easy to use with only the needed buttons just like the old machines, but internally there is a powerful PLC system, so that the sharpening cycle is easy to adjust and automatic



Magnetic chuck 150 mm. width supported by extra rigid feet



LED spotlight equipped as standard to correctly see the approximation of the grinding wheel to the blade



Automatic or manual downfeed of grinding wheel: You can move up or down the grinding wheel with the push buttons, or do it with the manual handwheel to get a more precise feedback



Knife degrees easy and fast to adjust by means of a graduated lever from 0° to 90°



Version with magnetic disc cleaner for automatic removal of magnetizable dirt.

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# SPECIFICATIONS

## Technical data

<b>Grinding wheel motor power</b>	5,5 HP 50Hz (7,5 HP 60Hz) - Optional: 7,5 HP 50Hz (9 HP 60Hz)
<b>Grinding wheel diameter</b>	200 mm.
<b>Carriage speed</b>	from 1 to 20 m/min
<b>Max. distance between grinding wheel and chuck</b>	140 mm.
<b>Magnetic chuck wide</b>	150 mm.
<b>Coolant tank</b>	220 liters with mechanic separation
<b>Max. connected power</b>	8 kW (10 kW for 7,5 HP version)

## Available versions

<b>Model</b>	<b>Size</b>	<b>Weight</b>
1000 mm.	2200 x 800 x 1500 mm.	690 Kg.
1500 mm.	2700 x 800 x 1500 mm.	890 Kg
2030 mm.	3200 x 800 x 1500 mm.	1290 Kg.
3060 mm.	4200 x 800 x 1500 mm.	1890 Kg.
4090 mm.	5200 x 800 x 1500 mm.	2290 Kg.

## Optional accesories

- Magnetic dust separator from coolant
- Grinding wheel motor 7,5 HP (9 HP on 60 Hz. version)
- Grinding wheel motor rotation speed adjustable

## HIGHLIGHTS

- Very easy to use
- Programmable working cycle with selectable sparkout fine-finishing phase
- Carriage free of vibrations: movement by toothed belt
- Carriage with hardened guides and recirculating ballbearings
- Grinding wheel rotation sense adjustable by button switch

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

[www.elite.es](http://www.elite.es)