

Affilella

PROFESSIONAL SHARPENER FOR
KNIVES AND SCISSORS



AFFILELLA by MVM

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The sharpener for kitchen knives Affilella is a grinding machine for professional kitchen knives and scissors.

It has two helicoidal wheels coated with CBN (Cubic Boron Nitride) for sharpening cooking and domestic knives, a ceramic grinding wheel for sharpening scissors and a laminated buffing wheel for polishing the bevel of knives and scissors.

MVM proposes to those interested, a project aimed to deliver the machine together with a technical training course at our office.

This course will allow the buyer to be operational within hours. We also offer, upon request, a contract that guarantees a yearly revision of the machine (excluding spare parts and material wear), phone service, free repairs at our facility in case of machine malfunctions.

For further informazion contact MVM srl.

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CH. 1- PRELIMINARY

**CH. 2 - SHARPENING KNIVES
(angle 30°)**

CH. 3 - POLISHING THE KNIVES

**CH. 4 - SHARPENING SCISSORS
(angle 45°)**

CH. 5 - POLISHING THE SCISSORS

CH. 6 - CUTTING TEST

CH. 7 - MAINTENANCE

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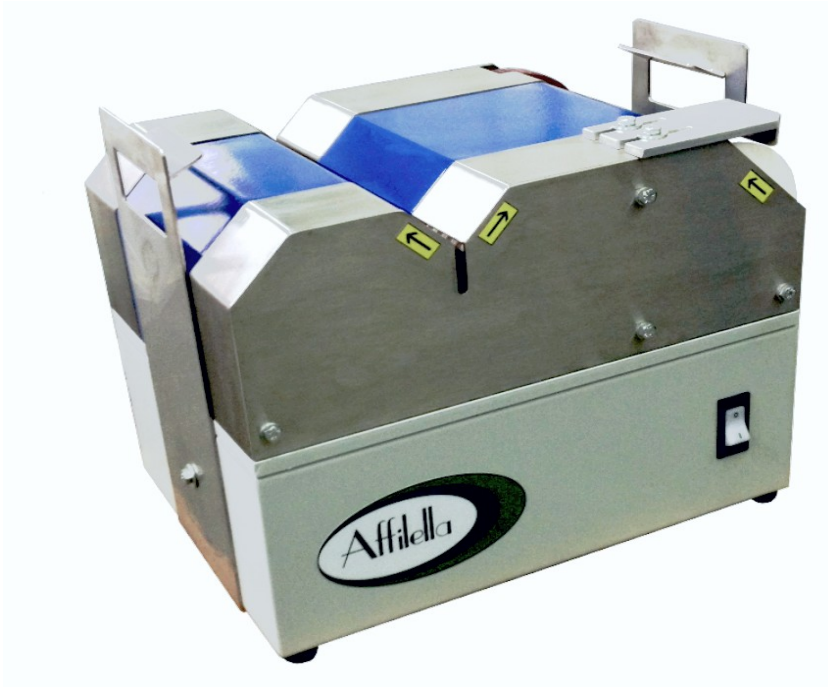
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CH. 1 **PRELIMINARY**

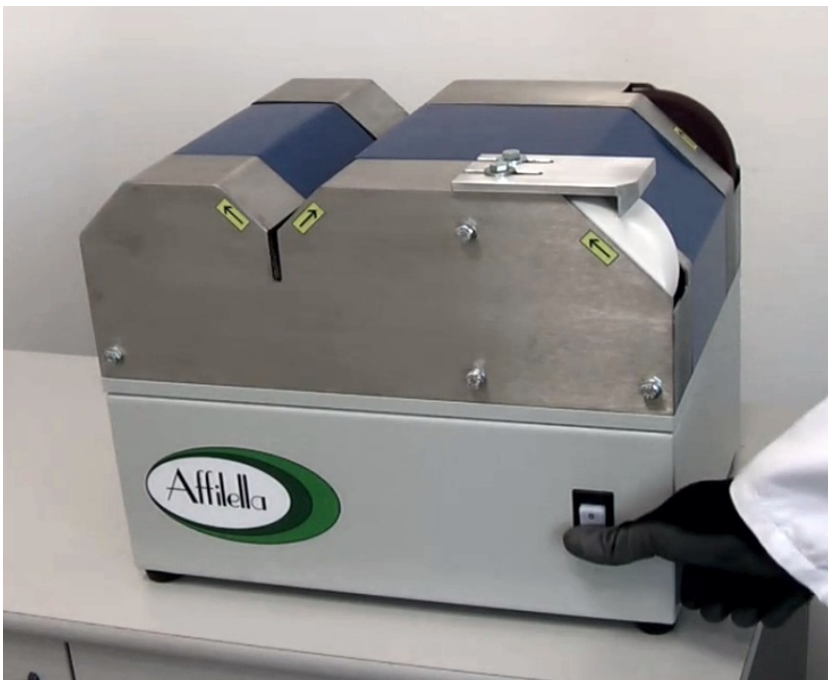
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It is advisable to wear protective gloves.



Remove the handles
(optional) for handling
the machine.



Plug the power cord
into the power socket
and switch on by
pressing the on/off
switch.

WARNING: When the
machine is powered on all
wheels rotate
simultaneously (grinding
wheels and buffing
wheel).

CH. 2 SHARPENING KNIVES (angle 30°)

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Insert the knife from above into the grinding slot until the blades makes contact with the grinding wheels, then slide the knife back and forth 2-3 times across the grinding wheels, finally extracting the blade from the front-side of the machine grinding slot.



For knives with a curved tip end sharpen the blade by following the geometry of the cutting edge of the knife during the extraction from the grinding slot.

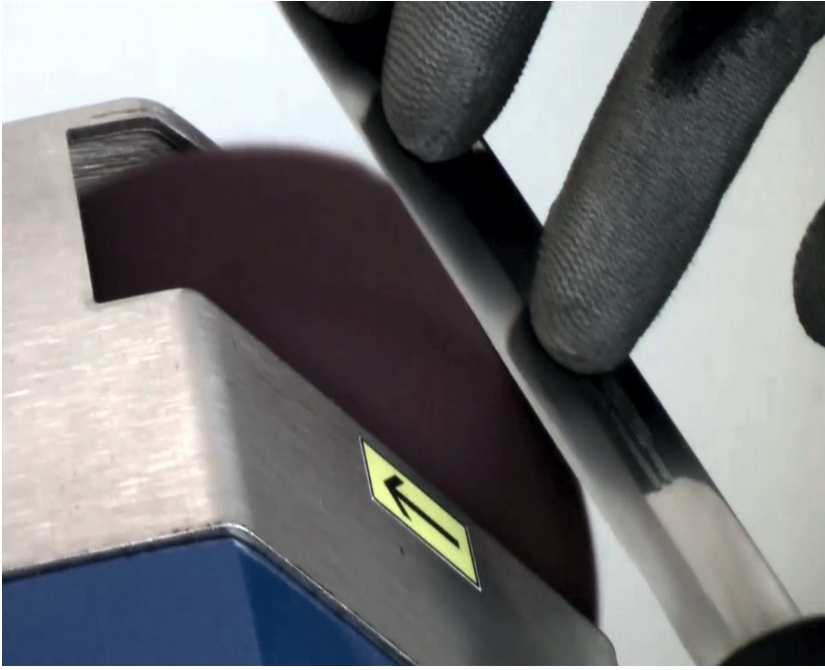
NOTE: The symmetrical sharpening angle of the bevel is approximately 30° .

CH. 3

POLISHING THE KNIVES

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Pass the cutting edge
2-3 times for each side
of the blade across the
fabric buffing wheel for
deburring and
polishing.



WARNING: The
blade of the knife
should always be
facing upwards.

CH. 4 SHARPENING SCISSORS (angle 45 °)

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Place each blade of the scissors against the aligning reference tilted up at 45 ° in contact with the grinding wheel, then slide each blade 1-2 times across the grinding wheel.

CH. 5 **POLISHING THE SCISSORS**

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Pass each cutting edge of the scissors 1-2 times across the fabric buffing wheel to deburr and polish.

WARNING: The blade of the scissors should always be facing up.

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CH. 6 CUTTING TEST

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On cloth

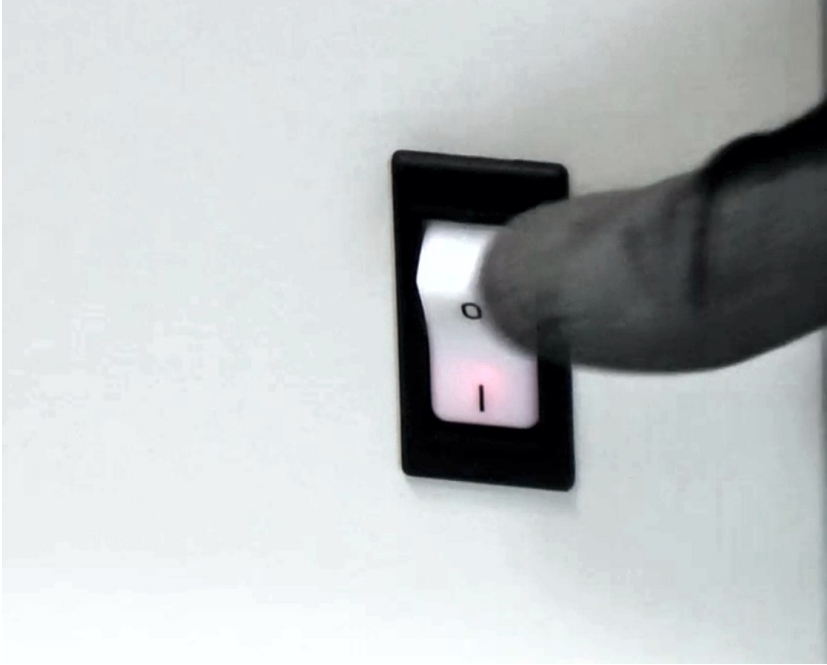


On paper

CH. 7 MAINTENANCE

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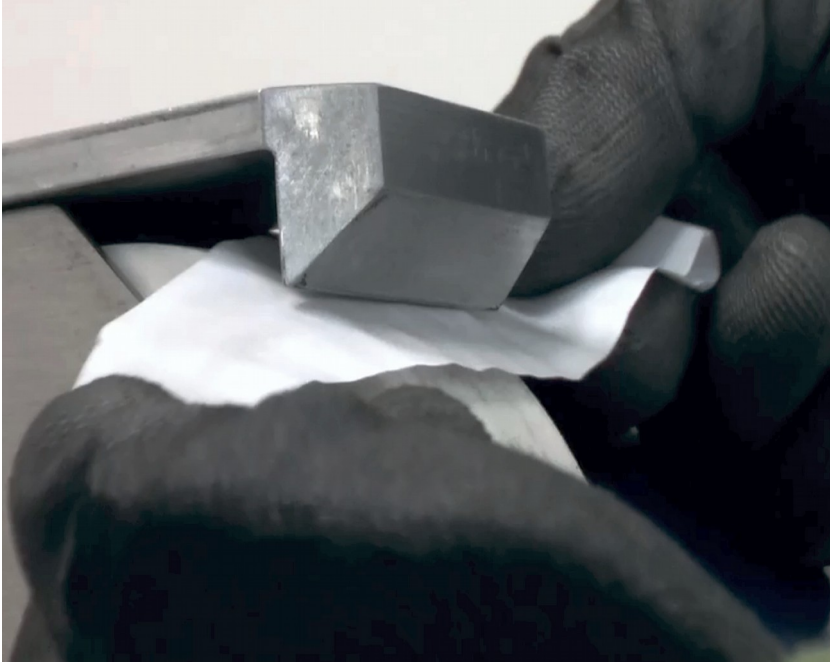
IMPORTANT: Turn off the machine before performing any maintenance.



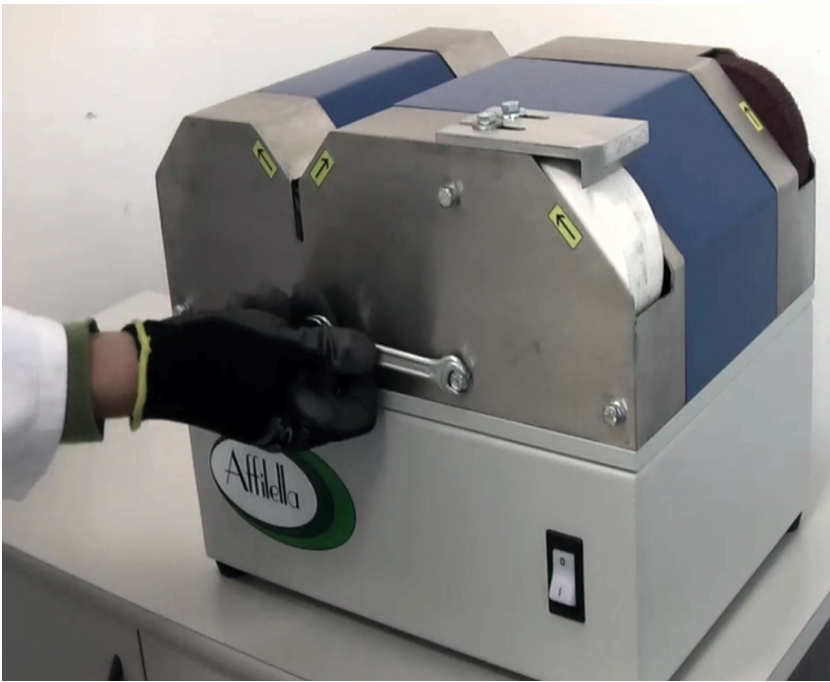
As the grinding wheel for sharpening scissors is consumed, you should adjust the reference alignment for the blade closer to the grinding wheel. Unscrew the 2 screws, manually adjust the position and re-tighten the 2 screws. Use a thickness of paper to check the distance between the reference and the grinding wheel.

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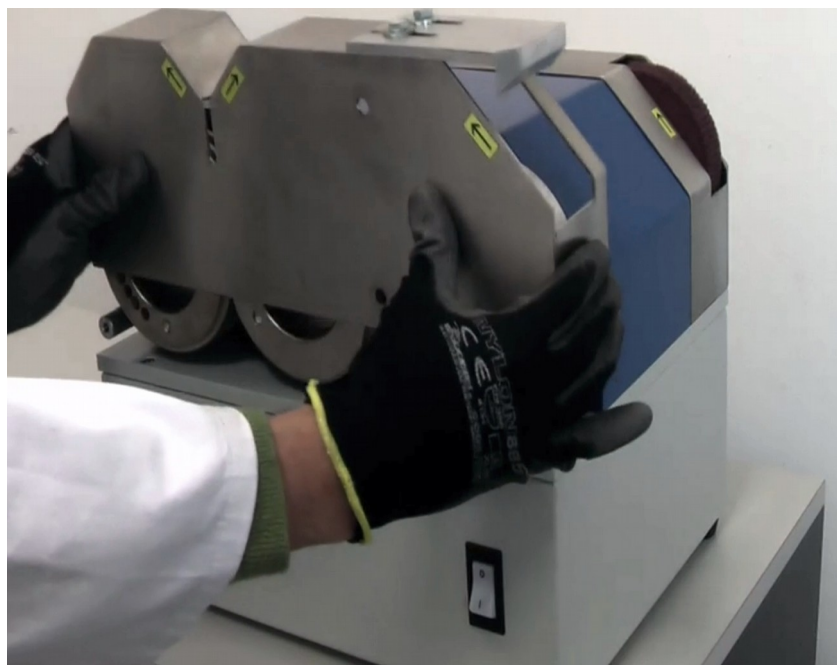
WARNING: The reference alignment and the grinding wheel must not be in contact.



Unscrew the 4 screws on the upper protective wheel cover.

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Remove the protective cover upward, and access the wheels for replacement.



After replacing the wheels, replace the protective cover from the top, to its original position and tighten the 4 screws.

CAUTION: Do not operate the machine without the protective cover correctly installed because this could cause serious injury to the user.

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