



USER INSTRUCTIONS BOOK

ELITE AFILAmag AC

Knives and scissors sharpening machine

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1. Operation

Chapter 3 can be considered as a separate chapter in the operator's manual. Therefore, the company that uses it must be aware of its additional obligations and requirements defined in the instruction manual for the preparation and use in accordance with occupational health and safety regulations (Law 31/1995) or accident prevention regulations (Law 31/1995 and Royal Decrees that are issued) or any other local regulations of the country where the grinding machine is to be used.

1.1 Requirements for machine operators

Due to their technical training, skills and experience, their knowledge of regulations and of the operation manual, users or operating personnel are persons who are able to:

- assess and,
- safely perform the assigned work,
- recognize possible dangers,
- and take measures to eliminate risks of accidents possible during operation.

Persons under the age of 18 who are still in training, education or under supervision must not perform any work on the knife grinding machine. This does not apply to adolescents with a minimum age of 16 years, if:

- working on the grinding machine is required to complete the training.
- the protection of the adolescent can be guaranteed by a skilled person,
- only equipment, tools and means of protection preventing injuries are used.

The operating company has to regularly provide training for the user and the operating personnel on the following:

- use and observance of the operation manual as well as the legal requirements.
- intended operation of the knife grinding machine.
- yearly instruction on industrial safety and accident prevention.



- behaviour in case of emergency, safety and hazard warnings for users and operators.



1.2 Installation and Initial Start-Up



1.2.1 Transport

Note

During transport of the knife grinding machine or components and subassemblies, always make sure that a check for transport damages is carried out prior to the installation of the knife grinding machine declaring the machine and all components to be free of defects for future operation.

There are no special requirements for transport or loading. The general industrial regulations for packaging, loading and load protection are applicable.

Elite will carry out the packaging of the knife grinding machine so that there will not be any damages during normal transport by rail, roads or air that can be an unnoticeable safety risk during unloading, installation and operation. If there are any damages during the transport, these will be at the expense of the transport company which has to submit a corresponding insurance and approval to Elite or the operating company for this purpose.

However, a precondition is that all vehicles and devices within the transport chain correspond to the valid industrial safety and accident prevention regulations and the responsible persons are skilled and qualified.

1.2.2 Safety Instructions for Installation

The knife grinding machine is installed and connected by either the purchaser or the operating company. The same applies for initial start-up. If the supplier carries out the installation and commissioning, the operating company must certify that both was carried out according to the instruction manual. On the other hand, the supplier must certify the operating company if he gave the personnel of the operating company an instruction to the machine.

These proceedings are carried out according to the instruction manual. The components and subassemblies of the knife grinding machine do not cause any



risks, e.g. by operating materials.

The general local industrial safety and accident prevention regulations are applicable.



1.2.3 Instructions and Descriptions of the Operating Company

The operating company uses the instruction manual and the operation manual (chapter 3.3) included in the instruction manual to create operating instructions listing additional distinctions of the operation.

For further details on the installation and initial start-up, please refer to this documentation including all instruction manuals of the individual subsuppliers of the knife grinding machine

1.2.4 Installation Site Requirements

To install the knife grinding machine as tabletop device, a stable installation site is required taking into account the respective weight and use.

The installation area must be plain, horizontal and easily to clean according to the food hygiene. Above all, there must be premises to ensure the safe operation of the knife grinding machine. Important: work in an air-dry room with low humidity.



1.2.5 Cleaning after Installation

Note

Pay attention to cleanliness.

Do not use cleaning cloths made of fibers. □

Depending on the state of the knife grinding machine, a cleaning with common cleaning cloths is sufficient. Use appropriate food-compatible cleaning agents to remove strong stains.

Do not let cleaning agents enter the interior or the equipment and never clean the knife grinding machine with water jets.



ATTENTION

1.2.6 Safety Instructions prior to Start Up

Only start the knife grinding machine after acquainting with the correct connection and function of the machine as well as after informing about the possible risks involved.

The machine may only be started by an authorized, instructed and skilled employee of the operating company.

The following steps describe the safe commissioning of the machine.

Further procedure and measures

- Check the delivery for transport damages, repair or replace if necessary.
- Check if the instruction manual is available and complete.
Do not start the machine without the instruction manual.
- Check the functioning according to the instruction manual.
- On delivery to the operator, an instruction according to the instruction manual is required. This must be acknowledged in writing by the operating company.
- Prior to delivery to the operating company, an inspection for portable devices is required.
- Restart after maintenance work:

ATTENTION

During restart, the user or the assembly and maintenance personnel must make sure that the knife grinding machine can be properly restarted according to the instruction manual.

Above all, the connected load of the electrics is to be observed and the direction of the grinding wheels must be set correctly.

1.2.7 Start Up

The following chapter (**Operation Manual**) includes the description of the basic steps for the operator to safely switch on and off the machine, to sharpen and to polish.



ATTENTION

In case of malfunctions or warnings, always inform the persons responsible for the knife grinding machine. If the operator or unauthorized persons try to eliminate the malfunctions themselves, this can cause injuries to the operator or a third party.



2. Operation Manual

2.1 General Information

The operation manual is used to operate the knife grinding machine as intended and to recognize malfunctions. It was written for the operator and must be provided by the person in charge. Simultaneously check, if the operator of the knife grinding machine can carry out the operation and use of the machine safely according to the operation manual and the required instruction.

The operator must certify in writing that the person in charge has provided the operation manual and that he has obtained an instruction.

2.2 Grinding and Polishing Process

2.2.1 Grinding

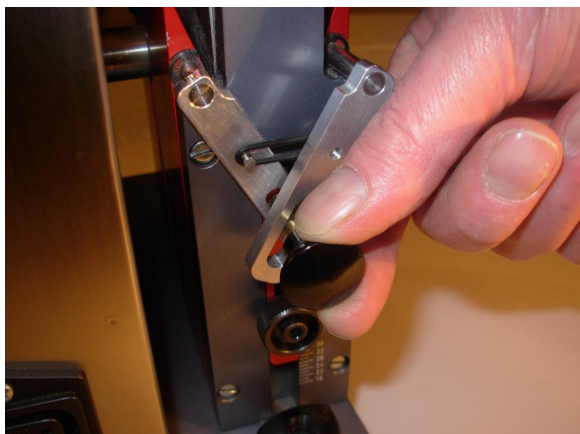


Notes

Clean the knife before grinding - clean and disinfect after grinding!

Pay attention to the ideal working height.

1. Adjust the required grinding angle.





2. Position the knife as close as possible to the handle on the knife guide (knife guide is magnetic).



3. Align the blade horizontally.
4. Carefully push the blade down and, simultaneously, move it along the grinding wheel.



5. Move the handle upwards to give the knife the desired shape.
6. Move the knife point horizontally away from the grinding wheel. Make sure to not push the knife point down.
7. Repeat the grinding process on the right and left side until the knife is sharpened (feel the fine burr). Sharpen both sides equally.



2.2.2 Polishing

1. Before using the knife for the first time, apply a thin layer of grinding compound on the polishing wheel. Repeat applying the grinding compound from time to time if necessary.

ATTENTION

Always position the edge of the blade in the **direction of the arrow**.



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2. Polish the blade horizontally in the center of the polishing area. The blade may only be polished finely. **The grinding structure is to be maintained.**

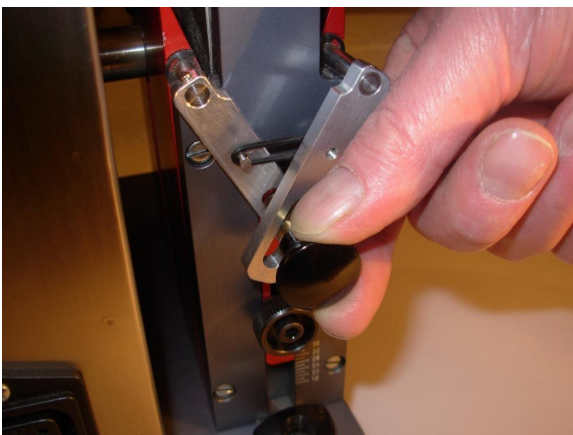


2.2.3 Adjusting the Grinding Angle

1. Loosen the screw at the angle scale.



2. Adjust the required angle. Retighten the screw.



3. Retighten the screw at the angle scale.



PAY ATTENTION

- The machine is only to be used for meat knives, kitchen knives, etc. without grooves.
- **Never** sharpen saws, groove knives, etc.
- Only use the original polishing wheel and grinding compound, otherwise the quality can no longer be guaranteed.
- Do not apply too much pressure when pushing the knife onto the grinding wheel. If too much pressure is applied on the grinding wheel, the knife can anneal.
- **Do not reach into the rotating grinding or polishing wheel.**

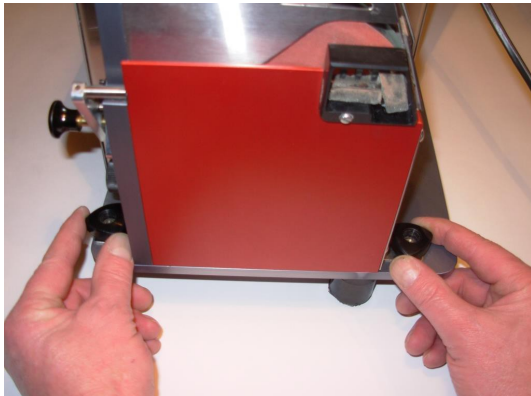
Cleaning

Spray the machine with oil spray (penetrating oil) and wipe it with a cloth. Do **not** use soap and do **not** clean the machine with water jets.



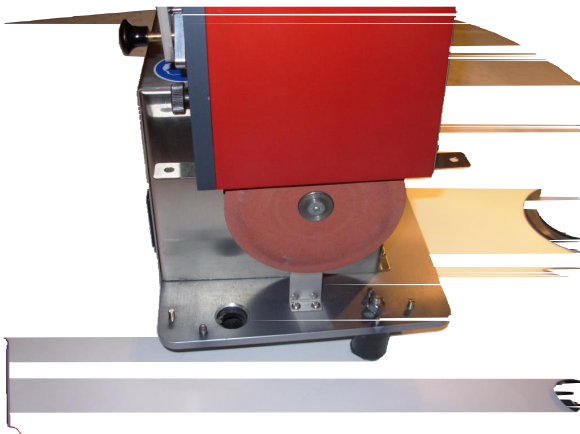
2.2.4 Replacing the grinding wheels

1. Disconnect the power plug.



2. Remove both triangular screws.

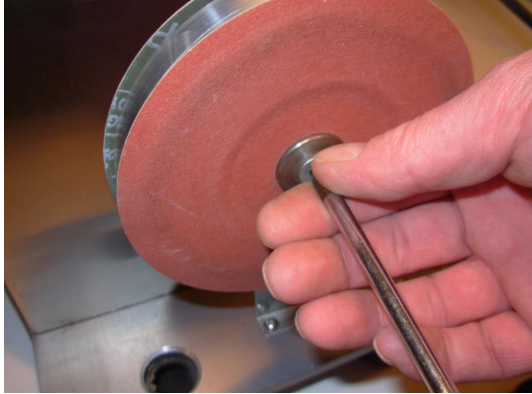
3. Pull the entire knife guide upwards.



4. Loosen the screws and remove them.



5. Remove the entire grinding wheel and replace the wheel.



6. Position the entire grinding wheel on the arbor and retighten the screws.



7. Clean the knife guide.
8. Mount the knife guide.
9. Use the two triangular screws to fasten the knife guide.



2.2.5 Replacing the Polishing Wheel



1. Remove the three screws.
2. Pull the cover upwards.
3. Replace the polishing wheel. Pay attention to the **left-hand thread**!
4. Mount the cover from the top to the bottom, then use the three screws to reattach it.



2.3 Behaviour during Malfunctions

ATTENTION

Malfunctions only represent a danger to the operator if he behaves contrary to the respective operation and instruction manual, i.e. he intervenes without permission or tries to eliminate the malfunction himself.

2.4 Cleaning and Maintenance

Before cleaning and maintaining the device, actuate the ON/OFF switch to switch off the device and disconnect the power plug. Only use cleaning and maintenance agents which are food-compatible..



Note

- During the instruction, the operator must be informed about the daily caring and maintenance of the knife grinding machine.
- The respective cleaning agents must be available.
- Spray the machine with oil spray (penetrating oil) and wipe it with a clean cloth. Do not use soap.
- Screw off the housing cover to clean the grinding machine.
- A vacuum cleaner can be connected directly to the provided connecting piece of the knife grinding machine.

ATTENTION

Do not clean the machine with water jets!



2.5 Work Instructions

The operating company has to create work instructions for the operator of the knife grinding machine which must be available or attached at the respective operation and/or installation site.

Location: dry place with low atmospheric humidity.



3. Warranty

All our machines are tested before they are shipped, however, defects not visible to the naked eye can always occur.

Our machines are warranted against defects in workmanship or material under normal use and maintenance.

The warranty period is 12 months from the date of purchase and consists of the replacement of the defective material.

The guarantee will be automatically cancelled in the event of changes outside our company. Or in manifest cases of misuse of the machine.

The warranty does not cover parts subject to normal wear and tear as grinding wheels, fine polishing grinding wheel and polishing paste, etc.



4. Technical Assistance Service

At ELITE we try to satisfy our customers with reliable and simple products to use. However, if you experience any incidents during the use of the machine do not hesitate to contact us as soon as possible.

In our website: <http://www.elite.es/es/> you have all the means of contact possible, both directly with us and with our authorized distributors, who will assist you, if available in your country, with better proximity and professionalism.

We want you to enjoy this product for many years, please: when you finish the life of the machine, properly dispose of it to the bodies necessary for its correct disposal and recycling.

