

NBM-500 Nut Butter Grinder

Mass Production

Manual

Natural

Fresh

Original

Delicious



Feli healthy nut grinders have very special features. They feature multiple usages, fast grinding speed and big productivity. The professional R&D team designed the grinders with several patented structures. The high horse power motor allows the machine to grind nuts in a low temperature, which avoids nut paste deteriorations under high temperatures. The premium efficiency motor remains its stability after a long operation. In addition, the auto turn-off device ensures the safety of the grinder.

The stainless grinding discs are made of stainless #316, medical degree. They grind nuts in a low temperature. Besides, the grinder does not require any oil or additives during the grinding process. By adding washers, it is possible to adjust the fineness of the paste. Feli grinders allow you to produce fresh and natural taste of nut paste. Feli healthy nut grinders keep away preservatives, emulsifier and other chemical additives. They produce 100% natural, fresh, original and healthy paste.

It is easy to dismantle the grinder for wash. The grinder makes almost no ingredient loss on making paste. It requires only 5 minutes cleaning the disassembled parts with a toothbrush and water. It is easy and fast to clean the grinder. Feli grinders help you work efficiently and save your time.

Applicable on sorts of roasted nuts, that are contained with oiliness, such as peanuts, sesames, cashews, almonds, pine seeds, macadamias, walnuts, pumpkins seeds, sunflower seeds, cocoa beans, miso, fillings, dried fruits, soybeans...and more.



Natural Fresh

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Applications with paste:

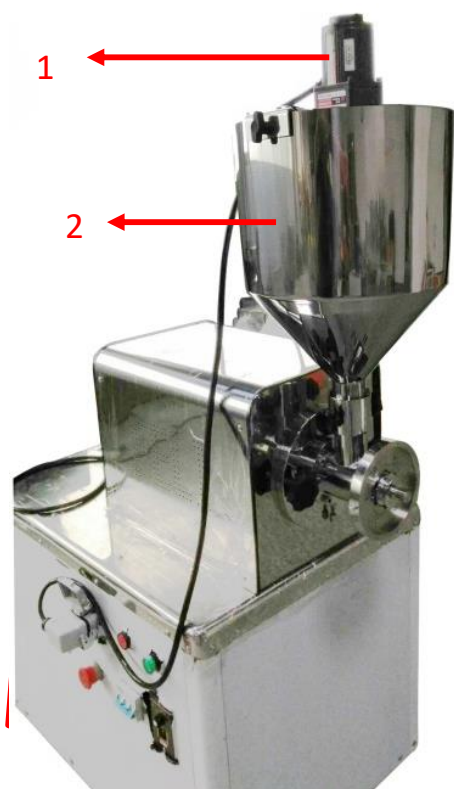
Consume a variety of paste in different ways: eat directly, spread on bread, healthy seasoning for noodles, salad dressing, soup dressing, BBQ sauce, add flavor to ice cream, coffee, milk or soybean milk. You can also make pastries with different paste.



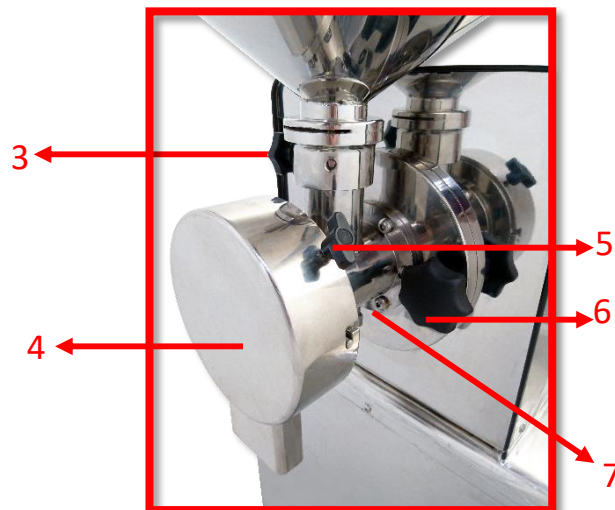
Specifications

Dimensions: L100cm * W65cm * 155cm	Grinding Speed: 1800 RPM
Net Weight: 102kg	Mateiral of Grinding Discs: Stainless #316
Voltage: 3 phase, 220V, 20AMP	Material of Machine Shell: Stainless #304
Motor: 3 horse power	Device: Safety device and Auto Feeding Device

I. Introduction :



Electricity
control Area



- 1 Auto Feeding Device
- 2 Hopper
- 3 Hopper Securing Knobs
- 4 Front Cap
- 5 Front Cap Securing Knob
- 6 Hopper Support Securing Knobs
- 7 Helical rod lock



Grinding Disc Set



Wrench for Rotating Disc

II. Operating Procedure :

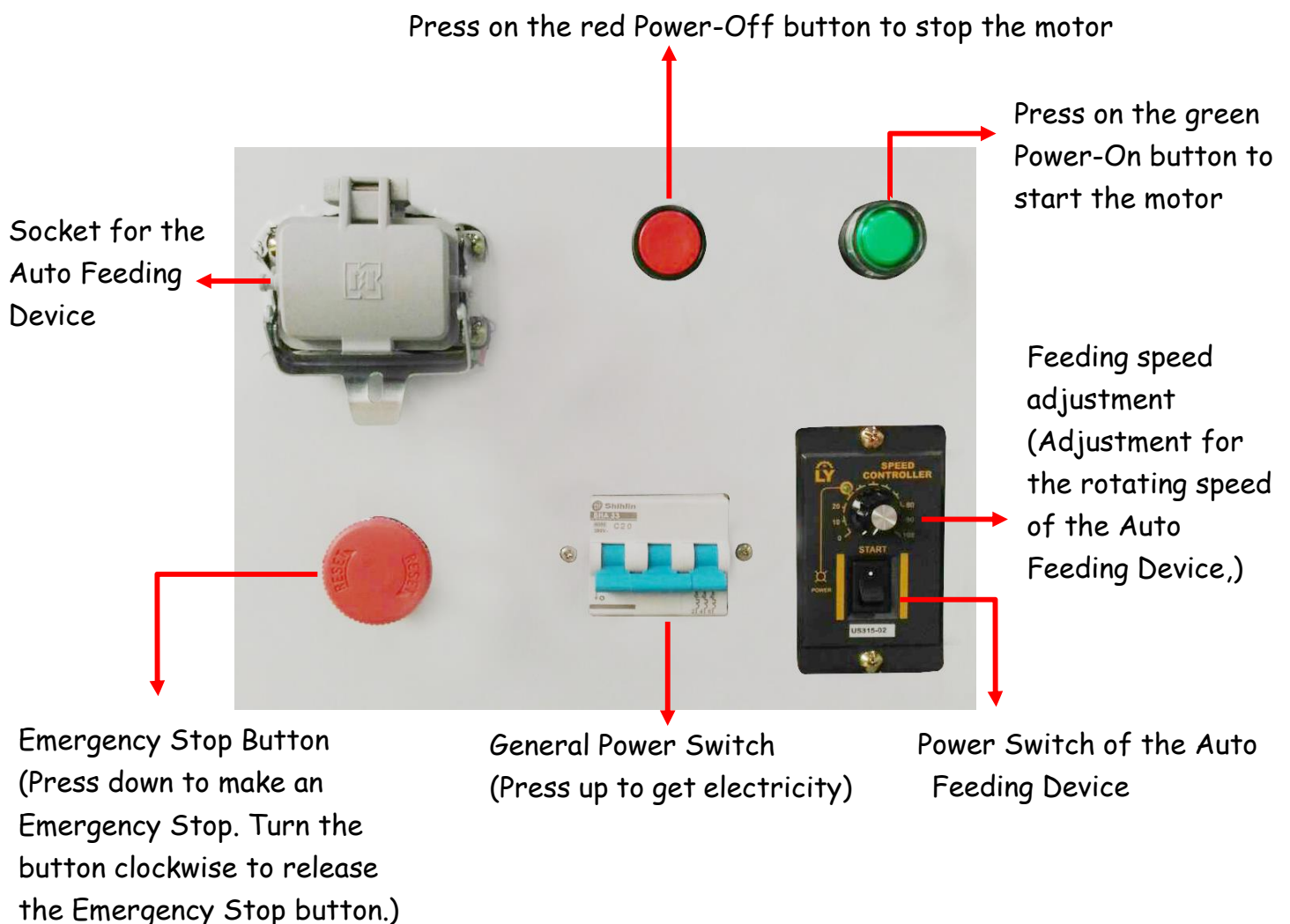
Step one : Plug in the power cord and push up the blue power switch.

Step two : Press on the green power-on button. The motor starts functioning. Turn on the Auto Feeding Device and adjust the rotating speed.

Step three : Pour in gradually roasted nuts into the hopper and the machine starts to grind.

Step four : After grinding, press on the red power-off button and turn off the Auto Feeding Device.

Step five : While stop using the grinder, push down the blue power switch.

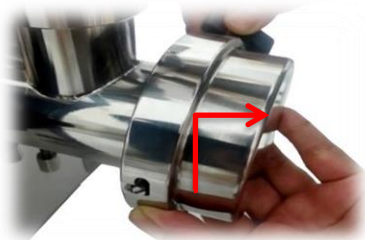


※To prevent over-heating the motor, please SWITCH OFF the General Power Switch by pressing down the blue part.

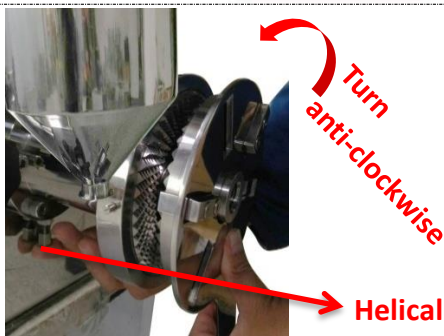
III. Adjusting Grinding Fineness :



Loosen the front cap securing knob.



Remove the front cap.



Push up the helical rod lock and hold it while turning the grinding disc anti-clockwise with the given wrench to remove it. Put down the wrench and remove the grinding disc with two hands to avoid dropping the grinding disc.



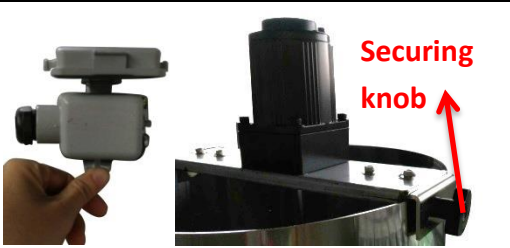
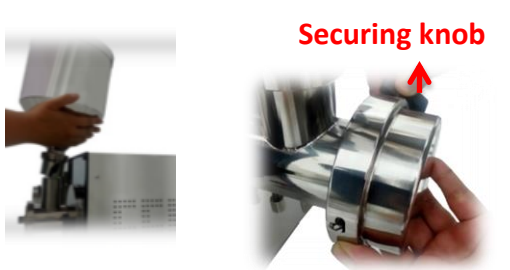
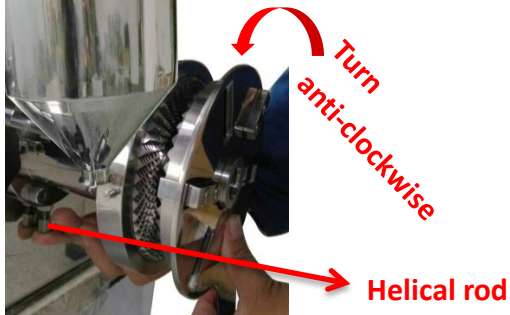
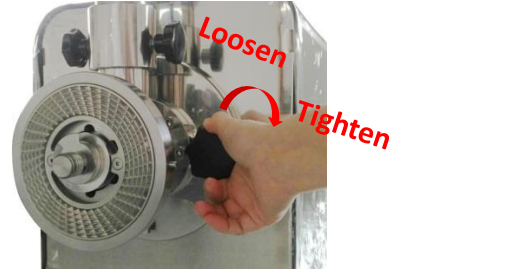
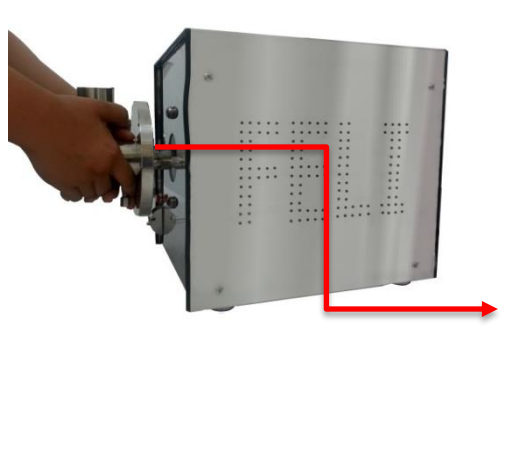

Choose the right washer and put it on the auger thread before installing the rotating disc. There are 4 washers to choose according to the fineness level required:

- A. finest level → no washer added
- B. medium level → put the 1mm thickness washer
- C. thick level → put the 2mm thickness washer
- D. thicker level → put the 3mm thickness washer
- E. extra thick level → put the 4mm thickness washer



Push up the helical rod lock and hold it while turning the grinding disc clockwise to assemble it. Turn the grinding disc clockwise with the given wrench until feeling tight. Put on the front cap and tighten the securing knob.

IV. Cleaning Process :

	<p>After switching off the power, remove the auto feeding device: Unplug the electrical cord located on the electricity control area. Loosen up the two securing knobs. Remove the auto feeding device.</p>
	<p>After removing the Hopper by loosen up the securing knobs, loosen the front cap securing knob to take off the front cap.</p>
	<p>Push up the helical rod lock and hold it while turning the grinding disc anticlockwise with the given wrench. After loosen up the grinding disc, put down the wrench and turn out the grinding disc anticlockwise with two hands to avoid dropping it.</p>
	<p>Loosen the hopper support securing knobs. Remove the hopper support.</p>
	<p>Clean the disassembled parts with a toothbrush. The usage of detergent is not necessary.</p> <p>Do not disassemble the auger. Clean it with a wet towel or bring a toothbrush and clean water to brush it. Do not bring the machine under water to avoid water penetrating the motor.</p> 

Assemble them in reverse order. If there is any friction sound when the grinding disc is rotating, the hopper support may not be installed well.

V. Notice :

1. The grinding machine is made in three phase, 220V 20AMP, with the frequency of 60/50 Hz. Please use an independent socket instead of a multi-plug socket. Please also use a voltage stabilizer to avoid the un-stabilized voltage causing the motor out of order.
2. Before connecting No Fuse Breaker, please remove the front cap and the rotating disc. Make sure that the fixed grinding disc is rotated counterclockwise.
3. Turn on the machine before pouring roasted nuts into the hopper. If users pour into nuts before the auger functions, it may cause the auger stuck with the nuts. Users should turn off immediately the power and disassemble the parts for cleaning.
4. The lack of oiliness contained in the nuts and unroasted nuts are the main causes of lower butter fluidity, which can cause the motor stuck. If the motor is stuck, turn off immediately the power and dismantle the parts following the suggested steps for cleaning.
5. If the motor was over-heated, the Auto Turn-off Safety Device would be activated to turn off the machine. After the grinder cools down, turn on the power and the grinder would work normally.
6. If the auger and the grinding discs were stuck with ingredients, the Over-Current Safety black button located on the back of the grinder would pop out automatically. Please switch off the power and pull out the plug. Dismantle the parts for cleaning. After cleaning, press the Over-Current Safety Device black button located on the back of the grinder. Once the power is on, the grinder would be working normally.
7. Please shred nuts that are in big size (almond, walnut, cashew, etc.) or press the nuts in the hopper with the given wooden rod while grinding.
8. It is not suitable to grind ingredients that do not contain oiliness (like rice) or that are rich in liquid (like watermelon) or contains lots of fiber (like old ginger).
9. If the power cord was damaged, contact the supplier or the distributor for a dedicated cord.
10. In the case when the fineness of the paste gets thicker, the butter contains less oil or the front cap gets hotter than before, check the condition of the grinding discs with the given Grinding Disc Diagnostics document.
11. During the operating of the grinder, do not touch the auger with fingers or hard tools, but only with the given wooden rod.
12. To avoid water seeping into the motor, do not splash water on the machine and do not pour water or oil into the hopper.
13. To avoid scratches on the machine during transportations, a transparent film is stuck on the machine shell for shipments. Users should remove the transparent film before turning on the machine for the first time. The exhausting holes on the machine shell should be un-covered while the machine is in operation.
14. Before turning on the machine, tighten the funnel securing knobs, because the loosen funnel securing knobs would make an abnormal loud noise.

15. If the red Emergency Button has been pressed, users should turn the button clockwise to release the Emergency function. To turn on the machine, if the red Emergency Button has been pressed, users should turn the button clockwise to release the Emergency function, in order to make the machine function.
16. Users should never dismantle the auger. The installation of the auger defines the functioning and the quality of the grinder. The proper installation of the auger requires specialists.
17. While using the grinder with the Auto Feeding Device, turn on the machine before pouring in roasted nuts. At first, pouring into the hopper small amount of nuts, after the butter flows out from the outlet, pouring into the hopper with more amount of nuts.
18. To remove the Auto Feeding Device, un-plug the cord located at the electrical control area, loosen the two securing knobs, and remove the whole Auto Feeding Device. Do not dismantle any parts from the Auto Feeding Device.
19. While grinding without the Auto Feeding Device, pour into the hopper at first with small amount of roasted nuts. After the butter flows out from the outlet, pour into the hopper with more amount of nuts. In the case necessary, use the given wooden stick to push the nuts into the auger. Do not use metal or spoon to push nuts into the auger. It's ok for a wooden stick to touch the auger while operation, but if a metal like spoon touches the auger, even if only for a few seconds, the auger can be damaged.
20. To dismantle the grinding disc, users should use one hand to push up the helical rod lock and use the other hand to turn anticlockwise the grinding disc with a given wrench. When the grinding disc has been loosen up, put down the wrench, and turn out anticlockwise the grinding disc.
21. Users use the given wrench to dismantle the grinding disc. For reassembling the grinding disc, users do not need a wrench. They push up the helical rod lock with one hand and turn clockwise the grinding disc with the other hand until it is tight.
22. Each of the given 4 washers is with a different thickness. Users need to assemble the washer only when they want to grind butter with thickness. Before assembling the grinding disc, they put on a washer according to the thickness of the output butter they wish to make. Do not assemble more than 1 washer at a time.

VI. Contact Information :



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Instruction of
dismantling



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