

Professional Electric Sheep Clippers 500W

Sheep
Shears Pro



USA 888 686 6495 Australia 1300 416 703 UK 020 3936 1156



Sales@mypetcommand.com

Congratulations on your Purchase of our High Quality 500W, 6 Speed Clippers. These clippers are made to be powerful and yet easy to use in Sheep clipping operations

Please make sure you read this Manual carefully and fully before use (and instructions should be kept with the clipper at all times) and these clippers are not to be handled by Children and make sure they are handled by the appropriate and experienced people at all times

These clippers are made to be used on Sheep, Alpacas, Goats Camels and other similar livestock type animals and are not intended to be used on people

Please note the Clippers kit is supplied with 2 x sets of the High Quality 13 Tooth Straight Blades as shown Below. Please note these Type Of Blades are most suitable for Sheep.



Please note you can get other types of Universal Blades which may be more suitable for other types of Animals and different hair types. We do sell other blades too, but feel free to reach out to us for any advice if you need other types of blades such as:-

9 Tooth Curved Blades More suited for Alpacas/Llamas



20 Tooth Straight Blade for suited for show Goats



All Blades use the same 4 tooth Cutter



As our Clipper Machine can accept universal blades, if you require to get any other blades other than the 13 Tooth Straight Blades as supplied, please search for and buy any additional Blades as required for other type of Animals and clipping operations

Blades and oil are universal and can be Interchanged with

Various other Brands of clipping machines compatible to Heiniger, Oster , Sunbeam, Beiyuan and GTS 2005 blades.

1. Operations diagrams
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1. Operation Schematic Diagram

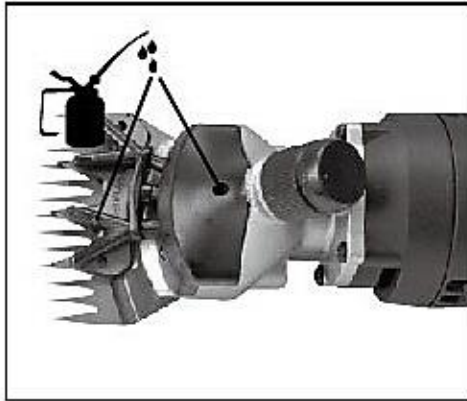


Fig. 1(Lubricant Oiling from the Hole on the Head Shell) (Hole 1 –fixed position; Hole 2 Top)

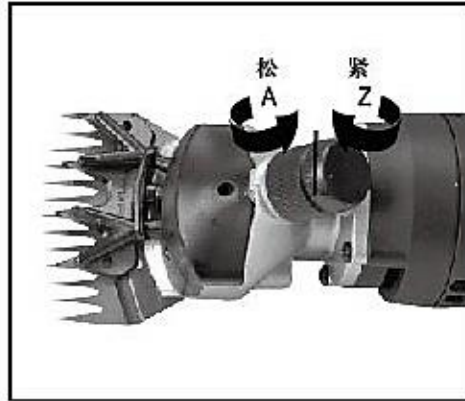


Fig. 2 (Adjusting Nut)

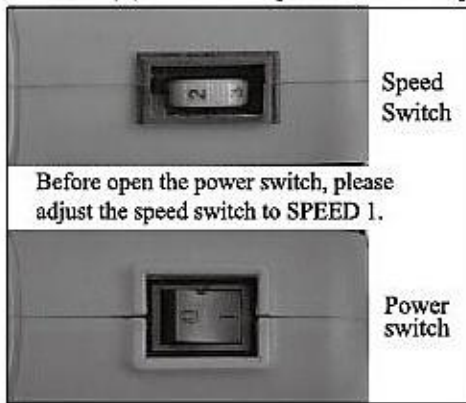


Fig.3 (Switch)

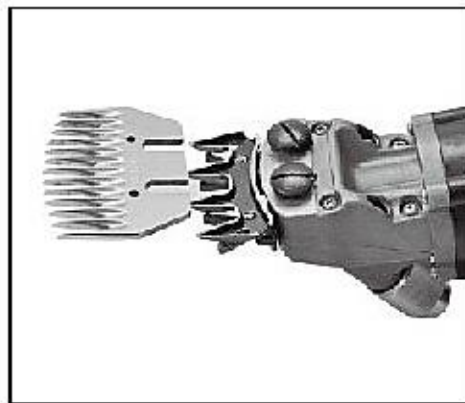


Fig.4 (Positions of Knife Section and Shim)



Fig. 5 Air Intake

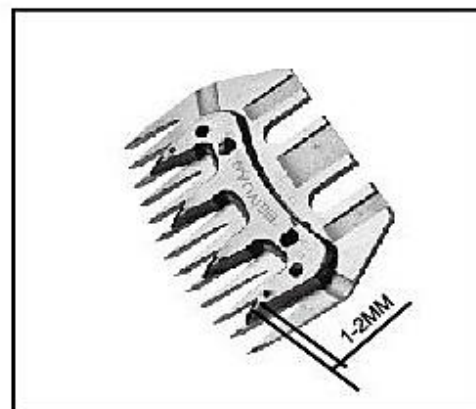


Fig. 6 Distance between Upper Blade and Lower Blade

Tension adjustment

Please note you need to adjust the tension knob according to the type of animal and fur/hair the animal has got.

Firstly always first start with the tension knob not in a tight position and the tension knob needs to be rotated in anti-clockwise position before starting the clipping process.

(Refer to fig 2 above)

As you start clipping your animals hair, you may need to adjust and tighten the tension knob for the type of hair the animal has got. Please start turning the knob $\frac{1}{4}$ turn each time in clockwise position until you find your ideal tension that you require for your clipping operation

Care must also be taken not to over tighten the tension screw, as this clipper needs less pressure on the blades than other traditional styled clippers. Slightly adjust the blade tension from time to time during clipping. If adjusting the tension does not produce a good clip, your blades may need re- Sharpening or replacing

Lubrication

A thin layer of oil on the front and back blades is essential for good clipping. This will increase the life of the clipper and the blades. Refer to Fig 1

All other moving parts in the clipper head must also be kept well oiled. Place a few drops of oil on the clipper blades and pour some into the lubricating holes on the clipper head. See Diagram below

Only use our special oil or a paraffin oil meeting the ISO VG 15 specification. This oil is nontoxic and produces no irritation on contact with the skin or the mucous membranes. We supply 1 Bottle of oil with your clipping and is standard type clipper oil

Poor lubrication is the most frequent cause of unsatisfactory clipping. Inadequately oiled clipper blades will overheat and lead to reduced blade life. The clipper blades and clipper head must be oiled at least every 5 minutes, so that they do not run dry.

Changing Blades

Please refer to this diagram replacing/inserting Blades. Please note there are 2 Blades Marked 1 and 2 as Marked in Drawing # 2 below



2.Safety Instructions

Before use, following preparations should be conducted:

1. Check the circuit and make sure the power cord is not damaged or broken, and ensure that the voltage used is consistent with the one declared on the machine.

2. Before startup, make sure that the switch of the machine is set to the OFF position (as shown in Fig.3).

3. Sheep shearing should be carried out in a dry environment, and make sure that the machine is operating with the power supply away from damp and wet places in order to avoid short circuit or open circuits which puts the machine in danger and can damage the machine. Sheep shearing in the open air on a raining day is forbidden. Moreover, it is noted not to allow oil or water into the actual machine.

4. Sheep shearing work must be completed at the designated site. Keep bystanders and kids away from the working site to prevent the occurrence of any accident.

5. Sheep shearing should be done only by experienced workers or under professional instruction, as it may cause injury to sheep.
6. Don't touch the head of the machine with any part of your body when it is running, as it may cause injury to you, and keep the head away from hard objects to avoid damage.
7. Shut down the machine when the work is stopped, unplug the cable from the power and pack them in the plastic box. It's not recommended to leave the machine and its accessories lying about.
8. This machine is only intended to be used for sheep shearing or other similar livestock type animals. If it is intended to clip furs of other animals with this machine, then the blade or cutter head should be replaced with the proper ones. Hair-cutting on humans or fur-cutting on animals other than goats/sheep/similar is not allowed.
9. If the machine stops or does not work , turn off the switch first on the machine and then pull out of the power cord.
10. When inspection or maintenance is needed, turn off the machine switch and pull out the power cord before such work has commenced.

3.Parameters & Packing List

Machine Parameters
Power: 500W
Speed: 0-2400Rpm
Frequency: 50Hz or 60Hz Check Name plate on Machine depending on model you have
Voltage: 220-240VAC Or 110-120VAC Check Name plate on Machine depending on model you have
Machine Dimension: 35*10*8.5CM
Net Weight: 1.9KGS

Packing List:

Screw driver x 1 pc,

Cleaning brush x 1 pc,

carbon brush x 1pair,

lubricating oil for the machine x 1 bottle,

plastic box x 1 pc,

manual x 1,

Clipping machine with Blade and 1 x Spare Blade set

4. Operating Instructions

Select a proper working site which is required to be dry and dustless and keep bystanders and kids away from the working site.

1. Steps for machine adjustment are as follows:

- 1.1 Adjust positions of blades, and make sure there is a 1.5-2MM distance between the tip of the knife section and the tip of skim at the planimetric position (see Fig. 6) so that grease or dirt existing on the sheep will not affect the movement of blades.
- 1.2 Adjust the tightness of blades by rotating the adjusting nut clockwise (see Fig. 2) until a resistance is felt. Rotating the adjusting nut anti-clockwise will loosen the blades (see Fig. 2).
- 1.3 When blade adjustment is completed, connect up with the power supply, turn on the machine (see Fig. 1) and keep it running for 1 minute.

If it is found that any blade is disengaged, check: A. if the fix screw of the shim is tightened; B. if the adjust nut is rotated to the desired position. In case any of the said positions does have any problem, tighten the screw or the adjusting nut or both.

If the machine gets very hot to a temperature that a burn is felt, please contact your local motor tool service shop or professional for repair

2. When the machine completes adjustment, drip 5-8 droplets of lubrication oil that is supplied along with the machine onto the blade before the work is started.
3. During work, lubrication oil should be added to the machine . When the machine runs 1-2 minutes, it should be oiled on blade once again . The oiling amount usually is 5-8 droplets. Apply lubrication oil to two holes on the machine hole after about thirty minutes of operation. The oiling amount in such case is usually 3-5 droplets (see Fig. 1).

NOTE: When lubricant is applied to two holes on the head, the machine should be held in an angle which could facilitate the lubrication. When the lubricant is applied to Hole 1: hold the machine in the left hand, lean it inwards to a 45-degree angle, and add 3-5 droplets of lubrication oil. When the lubricant is applied to Hole 2, the machine should be inclined according to the position of the compression rod, and 3-5 droplets should be added. After about 7 days of use, unscrew the adjusting nut, remove the ejector sleeve, and check if there is any lubrication

oil inside. If it seems dry, it should be oiled in time. Regular oiling can ensure a good working condition and long service life of your machine.

4. Clean the air intake (see Fig. 5). There is an air intake on the back cover. After 2-3 days of use, open the rear cover, remove wools and dirt built up in the air intake with a dry brush in order to keep the air intake through and clean. Cloth or brush carrying oil or water is not allowed to clean the air intake, as it may cause short or open circuit.
5. Clean dirt on the blades. After the completion of one sheep shearing, rotate the adjusting nut anti-clockwise (see Fig. 2) until blades can be removed. When the blades are removed, clean dirt built up on the lower blade as well as dirt buildups inside the upper blade. In doing so, these two blades can closely fit.
6. If the machine is unable to clip the wool, or clips the wool not in an orderly way, it indicates that blades require grinding. In such case, a knife slicker made for this purpose should be used, or it should be taken to a plain grinding shop for repair. Don't grind the blade on your own if you are not familiar or skilled at knife grinding, as it may damage the blade.

5.Maintenance & Storage

After the work is completed, take care of your machine according to following instructions:

1. Check if the machine runs normally. In case of any problem, fix it.
2. Turn off the machine and check the head, cable conductors, and other exposed components for any damage.
3. Open the rear cover and clean dirt buildups on the air vent.
4. Open the head shell and clean wool and dirt buildups inside.
5. Clean dirt buildups on blades, grind the blade if necessary, and brush lubrication oil on them to prevent rusting.
6. Envelope the machine into a plastic bag and then into the plastic Case, and store it somewhere out of reach of kids.

1. Common Problems & Causes

A. Why are blades heated?

ANSWER: There are two causes that may cause the blades heated: 1) blades are over-tightened; or 2) blades are dull and require grinding.

B. Why does the motor become heated?

ANSWER: There are three causes that may lead to motor heating: 1) the motor abrades against any object during operation; 2) the air intake is blocked; or 3) the voltage used is not the one designated.

C. Why is it found hard to shear wool?

ANSWER: There are three causes possible for this problem: 1) blades are loosely tightened; 2) blades become dull; or 3) blades used are not ones designated.

D. Why can't the machine be started?

ANSWER: The failure of the machine to be started can be caused by following reasons: 1) internal wiring is loosened; 2) switch or over-load protector is damaged; or 3) the motor is damaged.

E. How to grind the blade if it becomes dull?

ANSWER: 1) The user may purchase a machine designed for blade grinding; or 2) take it to a plain grinding shop or replace the blade with new one.

2. Exploded View Drawing

