



SHEAR MAGIC®

## INSTRUCTION MANUAL

# Gun 300 Handpiece

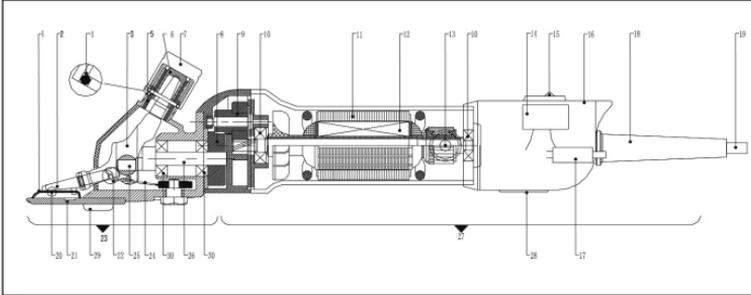


Refer to instruction book before use.

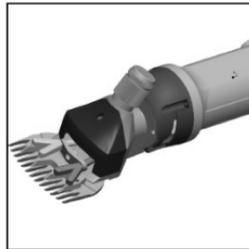
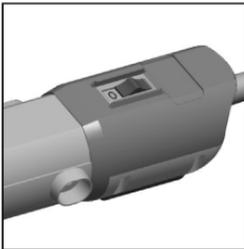
PO BOX 260 BOTANY NSW 1455  
Email: [info@shearmagic.net.au](mailto:info@shearmagic.net.au)  
Website: [www.shearmagic.net.au](http://www.shearmagic.net.au)  
ABN 31 128 341 980

Ph: (02) 9700 0800  
Fax: (02) 9700 1171

# COMPONENT NAMES



1. Cutter	12. Armature	23. Shearing Head Complete
2. Yoke	13. Carbon Brushes	24. Tension-lid Spring
3. Fork	14. Capacitor	25. Crank Roller
4. Lock Spring	15. On/Off Switch	26. Crank Spindle
5. Lid Bush	16. Nameplate	27. Motor Section
6. Sliding Sleeve	17. Overload Protection Switch	28. Air Filter
7. Tension Nut	18. Cord Sleeve	29. Blade Screw
8. Cog Wheel	19. Cord	30. Bearing
9. Reduction Gear	20. Carrier Cone-pins	
10. Motor Bearing	21. Comb Plate	
11. Field Assembly	22. Securing Lugs	



# IMPORTANT SAFEGUARDS

Listed below are those precautions regarded to be essential for the safe use of the Electric Shearing Handpiece.

1. Read the instruction book carefully
2. Unplug when the handpiece is not in use and before cleaning
3. Do not operate the handpiece with a damaged cord or after the handpiece has been dropped or damaged in any manner. If damage occurs please return your product to a Shear Magic Service agent.
4. Do not use the handpiece with an extension cord unless the cord has been checked and tested by a qualified electrician.
5. Do not allow the cord or extension cord to contact sharp edges or damp ground.
6. Close supervision is necessary when the handpiece is used near children.
7. Do not use the handpiece with worn or badly adjusted blades.
8. Do not use the handpiece when blades are too hot.
9. Never immerse the handpiece in water or other liquids, but wipe the handpiece with a cloth to clean external surfaces.
10. Do not use the appliance on a wet animal or under wet conditions.

# GUN 300 HANDPIECE

## BEFORE BEGINNING TO CLIP

Make sure the switch on the clipper is in the "OFF" position. Then insert the plug into an electrical outlet. Slide the switch to the "ON" position and begin clipping.

## SETTING THE COMB AND CUTTER

Loosen the comb screws, insert comb and lightly tighten tension screws. Release the tension nut to raise the fork and permit insertion of the cutter under the fork yokes. Press down on the fork making sure the conical tips on the outer fork yokes engage in the holes at the tip of the outer cutter teeth. Tighten the tension nut sufficiently to hold the cutter in place.

## BLADE ADJUSTMENT

The cutter teeth points must operate on the sharpened surface on the comb teeth (Fig. 3). It may be necessary to move the comb to the correct position (Fig. 4). Check the movement of the cutter. Outer cutter teeth must cut at the end of each stroke. The comb can be moved from side to side to the correct position (Fig. 5). Release the tension nut and secure the comb screws. Reset the conical tips in the cutter teeth and tighten the tension nut to hold the cutter in place.

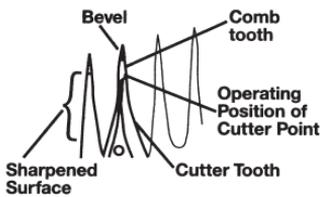


Figure 3

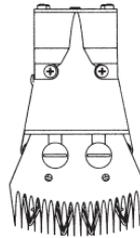


Figure 4



Figure 5

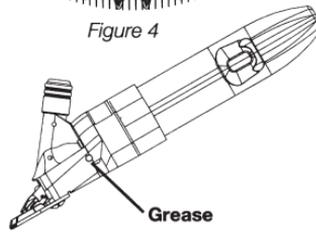


Figure 6

## **ADJUSTING THE TENSION**

Final tension adjustment should be made with the machine running. If wool is not being sheared smoothly, increase the tension slightly and repeat the test, continue until smooth cutting is achieved.

Combs and cutters stay sharp and last longer when used with the minimum tension required for smooth cutting.

Further adjustment should not be necessary until the cutter begins to dull, as indicated by chewed off wool rather than smoothly sheared wool. For most effective results, keep the comb points on the sheep's skin and operate the correct comb angle (Fig.6.). Carry out tension tests on a part of the sheep where the comb enters the wool freely and not on the wool on the belly or hind legs as it is often dirty and matted.

When clipping cattle, blades should be oiled every 10 minutes during operation. The oiling intervals can be longer when shearing sheep due to the natural oils in the wool.

## **AIR FILTER**

Ensure that the air filter is free from hair and dirt.

The hair and dirt that collect on the filter screen must be frequently removed so that air can freely pass through the screen to cool the motor.

## **RESHARPENING**

Sharp blades, combs and cutters are essential for good clipping and shearing. Dull blades must be sharpened with special grinding discs. These discs and custom sharpening facilities are available through:

### **WE RECOMMEND:**

**Botany Bay Imports Exports Pty Ltd**  
**PO Box 260 BOTANY NSW 1455**  
**Phone: 02 9700 0800 Fax: 02 9700 1171**  
**Email: [info@botanybayimports.com.au](mailto:info@botanybayimports.com.au)**  
**[www.botanybayimports.com.au](http://www.botanybayimports.com.au)**

# MAINTENANCE

1. Keep the motor drive and shearing head clean. It is recommended that you remove the blades after use and clean them thoroughly.
2. Lubricate the heads and blade cutting surface while in use and after use.
3. Keep the air filter free of hair and dirt.
4. Keep comb and cutter sharp for maximum efficiency and long life.



## THE SHEAR MAGIC ONE YEAR WARRANTY

All Shear Magic clippers come with a full one year warranty from date of purchase against any manufacturing fault.

As you would expect, the warranty does not cover the following:

- Normal wearing parts (lever, latch, hinge, nameplate, bearings, blade etc)
- Repairs or disassembly attempted by anyone other than an authorised service centre
- Repairs made due to normal wear and tear, abuse, improper maintenance, or dropping.
- Any alterations made to the tool.
- Damage due to blade coolants or other chemicals.
- Damage resulting from shipping or transit.

For warranty work, send proof of purchase or receipt along with equipment to the place of purchase. Before sending, please check our trouble shooting guide or online at [www.shearmagic.net.au](http://www.shearmagic.net.au) to ensure it is not a common or easy to solve problem.

The product that is sent in for warranty that is over 6 months old and up to 12 months old, warranty parts will be replaced but where the products has done a lot of work a service charge will be applied.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Inward postage is to be paid by the customer. Return postage will be paid on all warranty repairs. As part of all repairs, blades will also be sharpened for a nominal charge, as this is the most common cause of poor performance.

### Register your product online: [www.shearmagic.net.au](http://www.shearmagic.net.au)

Warranty registration on the internet or via return of the warranty registration card is required within 30 days (thirty days) of the purchase date for coverage of the equipment.

**Register online and receive an additional 6 month motor warranty to 18 months.**

Visit [www.shearmagic.net.au](http://www.shearmagic.net.au)

#### SERVICE INFORMATION

If maintenance service or service under warranty is required forward the product to:

Place of purchase or Botany Bay Imports Exports Pty Ltd - PO Box 260 BOTANY NSW 1455.

Phone: 02 9700 0800, Fax: 02 9700 1171. Email: [info@botanybayimports.com.au](mailto:info@botanybayimports.com.au)

When returning the product for service or warranty please ensure the following:

- Postage is prepaid
- Use sturdy packaging to protect the product against damage in transit - such damage is not covered by the warranty
- **Include your name, address and proof of purchase**
- **Provide a detailed description of the fault**
- When sending a clipper **do send the blades** - but not attached to the clipper to avoid damage in transit.

Product: **Shear Magic**

Model: **Gun 300 (Shearing Handpiece)**

Customer Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Reseller: \_\_\_\_\_



[www.shearmagic.net.au](http://www.shearmagic.net.au)