

CLIPPER

# BLACK BEAUTY

## INSTRUCTIONS FOR USE

PROFESSIONAL  
HORSE CLIPPER

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# INSTRUCTION MANUAL FOR BLACK BEAUTY CLIPPER

To ensure you achieve the best possible results from your clipper, please read the following instructions carefully before use.

The latest generation brushless motor should give many years of service providing guidance offered in this manual is adhered to.

## SAFETY GUIDELINES AND OPERATOR RESPONSIBILITIES

- The instructions contain indications to be observed during setup, operation and maintenance of the appliance.
- The operating instruction should always be available at the place where the appliance is operated.
- Only use the appliance for its intended purpose.
- Close supervision is necessary when the appliance is used near children or venerable persons.
- The clipper is not designed to be operated by children.
- The brushless motor clipper is powered from a 15v DC charger adapter supplied with this clipper.
- Do not use any other charger adapter and never connect the clipper to the AC 240v mains supply without the DC charger attached.
- Do not pull, twist or wrap the cord around the clipper.
- Charging the battery pack (if supplied), must be carried out in doors and in a dry place.
- The charger adapter must be kept dry at all times.
- Use a safe dry and clear area to clip animals.
- Never clip in wet conditions or the coat of an animal when wet.
- Clip in a well ventilated area, never close to flammable materials.
- Never put an object into an opening of the clipper.
- Avoid contact with moving or hot clipper blades. Never use the clipper with blades that have broken teeth.
- Care should be taken if using an extension lead that may become entangled and turn into a danger.
- Avoid animals becoming tangled with or stepping on the clipper lead.
- Keep the clipper lead away from hot items and regularly examine the clipper lead for defective spots.
- Wear suitable clothing and eye protection. Protective boots, body protector and head gear are advised.

- Fasten the animal in a safe way, or have another person secure the animal.
- Clean the clipper only with a brush or dry cloth.
- If operating from the mains supply we recommend the use of a RCB circuit breaker.

**Should the following situations occur, unplug and switch off immediately and send for examination or repair.**

The clipper, lead or charger adapter become damaged

The clipper or charger adapter is dropped into water

## OPERATIONAL HINTS

- The clipper is designed for the clipping of animals.
- Always allow more time than you think
- A clean animal saves time and money. Groom the animal before clipping to remove grease and debris will help prolong blade life.
- A greasy dirty coat, over tensioning of the clipper blades, or lack of oil can shorten blade life. Always use sharp clipping blades and have a spare set with you before commencing clipping.
- Use the oil provided or Liveryman clipping oil. Never use diesel oil.
- Lack of lubrication can result in unsatisfactory clipping results and overheating of the clipper. For best performance use a light blade tension and apply oil to the clipper blades every 5 to 10 minutes. Do not forget to drop oil in the hole just behind the tension nut.



- Brush air filter to keep free of hair. Remove and clean filters when clipping has finished.
- Do not leave the clipper running in free air when not clipping. The blades will become hot and blunt.
- Do not allow the blades to go blunt, these will pull the hair, upset the animal and extend clipping time
- Blades should be removed from the clipper after use, cleaned and oiled before storage.

## TECHNICAL SPECIFICATION

Motor	Brushless, Long life , High Torque
Voltage	DC 15 volts
Current	3 Amps
Watts	45 watts
Speed	Variable. 1500- 2700 Double Strokes Per Minute
Weight	830 grams
Blades	A2
Overload	Protection on internal PCB

## BATTERY PACK

Capacity:	12000 mAh
Running Time:	12V/2A: 7.5 - 8 hours (e.g. when using Bruno Horse clipper) 15V/4A: 4 - 4.5 hours (e.g. when using Black Beauty clipper)
Charging Input:	12 volts 3 Amps
Cells:	Li-ion Rechargeable Battery
Power Display:	4 x LED lights indicating power levels (100%,75%,40%,10%)
Dimensions:	LxWxH: 150x75x42mm / 150x75x60mm (incl. clip)
Weight:	550g

## EUROPEAN DIRECTIVES AND STANDARDS

The clippers are manufactured to comply with the relevant European Directives and Standards.

2006/95/EC

LVD

2004/108/EC

EMC



EN60335-1 EN603355-2-8

2011/65/EU

ROHS

## VARIABLE SPEED SWITCH

The clipper comes with a variable speed switch for speeds between 1500 rpm and 2700 rpm. Because the torque (cutting power) of the clipper is so strong, it is not always necessary to run on high speed. The ideal speed for the clipper is the lowest speed it will do your job properly.



## PUTTING INTO SERVICE

## **MAINS OPERATION**

1. Switch mains wall socket off. The socket must be in good working order and electrically.
2. Plug charger adapter into mains supply wall socket.
3. Switch clipper off.
4. Push together connectors from charger adapter and clipper leads.
5. Ensure blades are secure, lightly tensioned and oiled.
6. Ensure air vents are free of hair
7. Switch mains wall socket on. Use RCD circuit breaker.
8. Switch clipper on, adjust tension and clip

## **BATTERY PACK OPERATION**

1. Fasten securely and adjust battery pack belt.
2. Switch clipper & battery pack off.
3. Push together connectors from Clipper and battery pack
4. Ensure blades are secure, lightly tensioned and oiled
5. Ensure air vents are free of hair
6. Switch battery pack on
7. Switch clipper on, adjust tension and clip

## **CHARGING THE BATTERY PACK**

1. Charging must be carried out indoors in a dry area and not close to flammable materials.
2. Switch off mains wall socket and plug charger adapter into socket
3. Push switch on battery pack to off position.
4. Push together connector and charger adapter leads.
5. Switch wall socket on.
6. Charge for 4 hours.
7. Switch off wall socket and disconnect battery pack and charger adapter.
8. Do not leave the battery pack overnight on charge.

## **HINTS FOR MAINTAINING THE LIFE OF BATTERY PACK**

- Periodically, fully discharge the battery pack by powering the clipper until the clipper stops. During this process, do not attach the blades to clipper.
- When not in use, it is recommended to charge the battery at least every 6 months.

- Always fully charge the battery after clipping, or prior to storing the battery pack for long periods of time.
- Store the battery pack in a warm and dry location at a temperature between 5C and 35C.
- Do not regularly use the battery pack for a few minutes at a time.

## ASSEMBLY OF BLADES ONTO AND TENSIONING CLIPPER

- To facilitate blade tensioning, it is suggested that you do not run the clipper at full speed until you are tensioned correctly and ready to clip.
- A set of blades is a top cutter and bottom comb.
- Place the smaller cutter blade onto the clipper head with ground face uppermost.
- Apply Liveryman oil to the ground (shiny) surfaces and clipper crankhead, inside the cutter bracket.

***Note: the ground blade surfaces must be free of hair and debris, or this may prevent blades clipping. Pay particular attention if hands are dirty when fitting clipping blades.***

- Place the comb blade face down on the clipper head.
- Push the tension bolt through the central hole in the blade and turn the clipper on its side and rest on a firm table or surface. Slip the tension spring over the tension bolt and lightly screw on tension nut. Tighten the nut until you feel the first signs of resistance.
- Switch on clipper and rotate the tension nut clockwise until the sound of the blade noise changes tone (metallic purring) and commence clipping.
- If the clip is not satisfactory, slightly adjust the tension nut in a clockwise direction ¼ turn until blades clip. If the blades do not clip, hair may have entered between the blades and prevented clipping. In this instance, remove the blades, clean blade surfaces, oil and repeat the process.

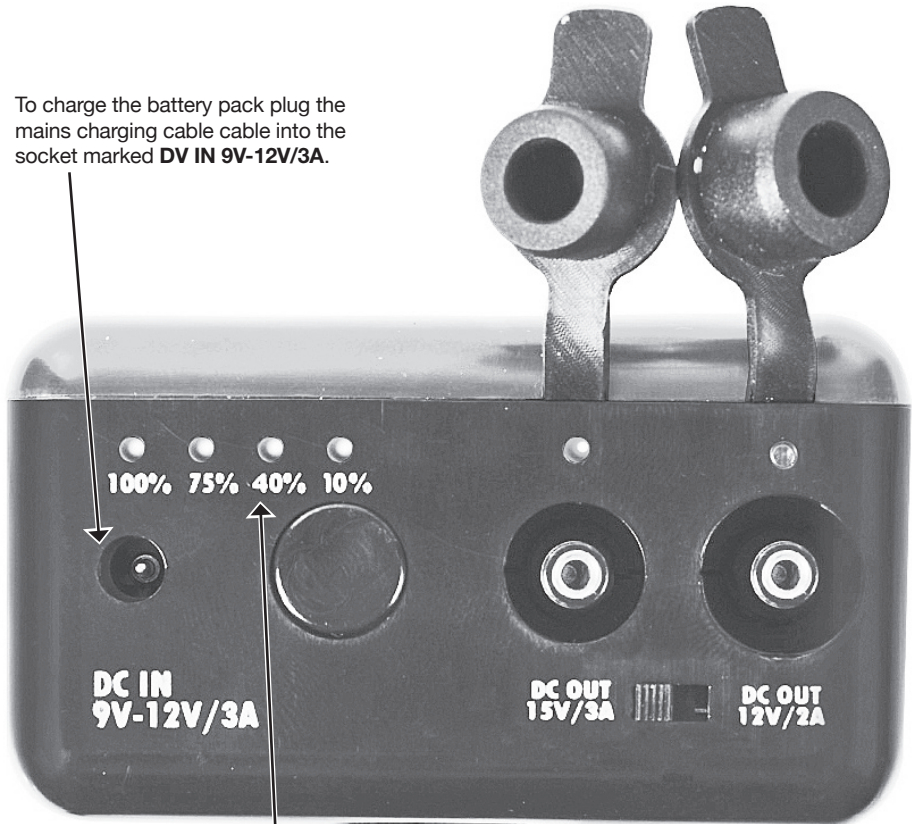
**IMPORTANT: Do not turn the tension nut fully down and back one and one half turns as this will result in overheating and may cause damage to the clipper.**

## BLADE SHARPENING

- Correct re-sharpening of clipper blades can only be carried out by means of specialised equipment and skilled technicians. Return the blades to Agrihealth or to a specialised sharpening and repair company.
- Keep your blades together as matched sets.
- Clipper blades are hardened for long life and to maintain a sharp edge. Teeth are sharp but brittle and can break if dropped onto a hard surface.
- Always clean blades with blade wash store in the container or oily cloth after use.
- It is a good idea to send the blades for re-sharpening immediately on becoming blunt, this will ensure a sharp blades set at all times.
- Always have a spare set of sharp blades ready for use.

## BATTERY PACK CHARGING

- To charge the battery pack plug the mains charging cable into the socket marked **DV IN 9V-12V/3A**.



- The blue battery capacity LED indicator lights will increase as the battery charges and decrease as battery discharges (100%,75%,40%,10%)

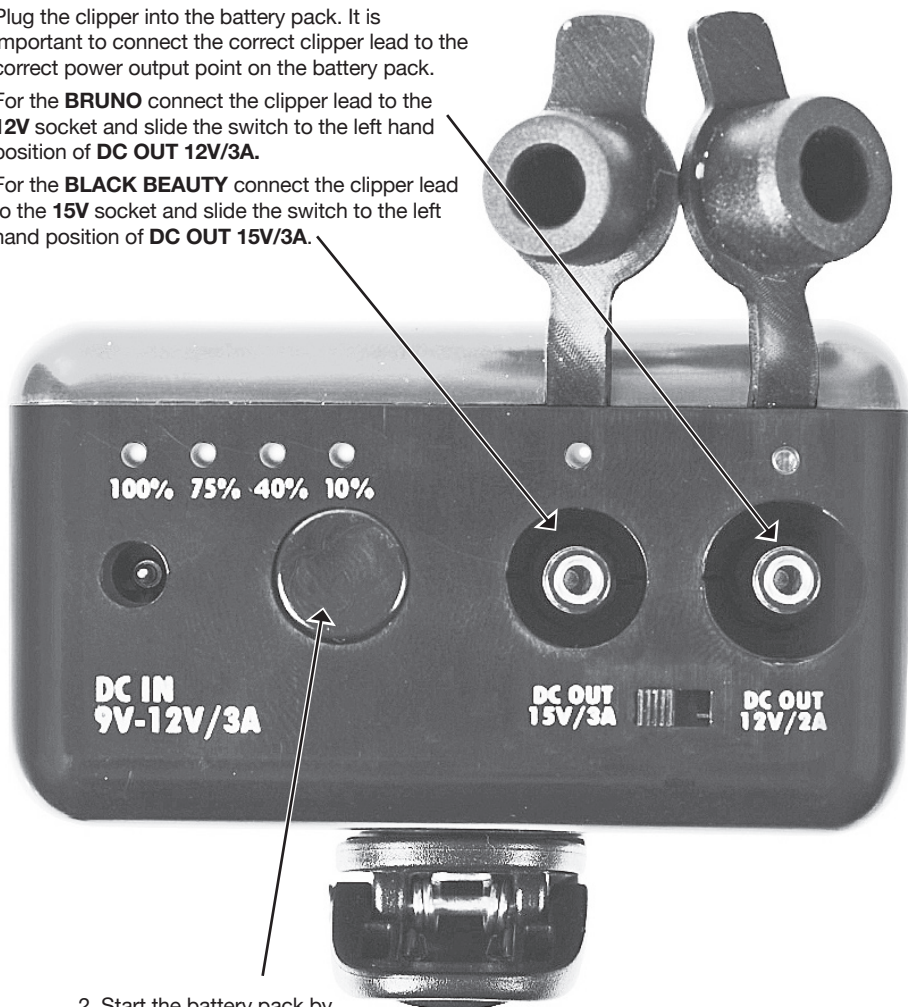
- Only use the adapter supplied for charging the battery pack. Do not use any other charger.

## BATTERY PACK OPERATION

1. Plug the clipper into the battery pack. It is important to connect the correct clipper lead to the correct power output point on the battery pack.

For the **BRUNO** connect the clipper lead to the **12V** socket and slide the switch to the left hand position of **DC OUT 12V/3A**.

For the **BLACK BEAUTY** connect the clipper lead to the **15V** socket and slide the switch to the left hand position of **DC OUT 15V/3A**.



2. Start the battery pack by pressing the start button here.

3. Switch on clipper. If you do not switch on the clipper the battery pack will automatically switch itself off after approximately 8 seconds.

**IMPORTANT: Black Beauty AND Bruno clippers cannot be operated at the same time. Always replace the rubber caps when the socket/s are not in use.**

## TROUBLESHOOTING

FAILURE	CAUSE	ACTION
<b>Blades do not clip</b>	Hair/dirt between blades	Remove blades. Clean, oil and reassemble
	Blunt Blades	Have blades re-sharpened
	Lack of Oil	Regularly oil blades every 5-10 minutes
	Incorrect tension	Re-tension blades correctly
<b>Blades overheating</b>	Lack of Oil	Regularly oil blades every 5-10 minutes
	Too much tension	Tension blades correctly
	Running free	Switch OFF if not clipping the animals coat, the clipper could overheat if left on whilst not clipping
<b>Motor overheats</b>	Too much tension	Tension blades correctly
	Blacked air vents	Clean vents
	Blunt Blades	Replace blades
<b>No Power</b>	Check connections	Push clipper, mains adaptor plug and socket firmly together. Check mains socket is switched on. Plug mains adaptor into another mains socket to try. If still not working and if electricity supply is ok send for service repair.
	Damaged lead on mains adaptor or mains adaptor not functioning	Replace with new mains adaptor
<b>Noisy</b>	Lack of oil	Clean clipper. Oil and re-tension blades
	Over tensioning	Re-tension correctly
	Blunt blades	Ensure blades are sharp and replace badly worn blades

## TROUBLESHOOTING (BATTERY PACK)

FAILURE	CAUSE	ACTION
No Power		Check start button has been depressed
Battery pack low		Charge battery pack
No power after charging		Discharge battery fully by running clipper. Until it stops. Do not attach blades during this operation. Allow 15 minutes to cool battery pack. Charge battery pack for 4 hours and try again. If battery is low, repeat the above once or twice.

## MAINTENANCE

- The new generation brushless motor clipper is designed for many years of good service, providing that care is taken with maintenance.
- We recommend an annual service for clippers in heavy work or after 200 hours use.
- Before carrying out any maintenance activities, ensure the clipper is switched off and unplugged from the power source.
- Remove the clipper blades and thoroughly clean the clipper with the brush and soft clean cloth.
- Blade wash and brush can be used to clean the blades and cavity in clipper head.
- Remove air filter and blow clean with air line (if available), or brush free of hair.
- Wipe dry the clipper with a soft cloth and store in carrying case.
- Clean blades with blade wash and if sharp, apply a light coat of oil and store. Store the clipper in a warm and dry place between 5C and 35C.



## MAINTENANCE & STORAGE (BATTERY PACK)

- Do not hit or abuse the battery pack, or expose the battery pack to heat sources, moisture or rain.
- Keep battery pack away from fire or any other sources of extreme heat.
- Store in a cool dry place

## ENVIRONMENTAL DISPOSAL

It is the owner's responsibility to dispose of the clippers in a reasonable manner after their useful life. Do not dispose on in household waste.

The clipper can be returned to the place of purchase or Agrihealth for recycling, or taken to your local authority waste disposal site.

## WARRANTY REGISTRATION

Please visit our website to register your warranty.

**[www.liveryman.co.uk](http://www.liveryman.co.uk)**

You will require the products serial number which can be located on the underside of the trimmer and proof of purchase.

*Whilst every care has been taken in the compiling of information within our instructions, Liveryman (Agrihealth Ltd) accepts no responsibility for any errors or omissions in technical data or other information as stated.*

BLACK BEAUTY MAINS MODEL	127014
BLACK BEAUTY LITHIUM-ION BATTERY PACK MODEL	134204
LITHIUM-ION BATTERY PACK	134214



Liveryman is part of the Agrihealth Group.  
For more information visit [www.agrihealth.ie](http://www.agrihealth.ie)

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