

COBRA

MODELS: GT3240VZ (DYM2071)

COBRA GRASS TRIMMER OWNER'S MANUAL



Cobra Garden Machinery

Henton and Chattell Ltd., London Road, Nottingham NG2 3HW UK

www.cobragarden.co.uk

⚠ WARNING :




For your own safety please read this manual before attempting to operate your new unit. Failure to follow instructions can result in serious personal injury. Spend a few moments to familiarize yourself with your garden tool before each use. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well.






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1. SYMBOLS

Some of the following symbols used on your tool, please study them and learn their meaning, proper interpretation of these symbols will allow you to operate the tool more safely and effectively.

SYMBOLS	NAME	EXPLANATION
	CE Marking	The product meets demands and regulations set by the European Community (now European Union).
	WEEE marking	CAUTION! Unusable power tools do not belong with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations.
	Read the operator's instructions	To reduce the risk of injury. Users must read and understand the operator's manual before using this product.

	Do not expose to moisture	Don't leave your tool exposed to the outdoor or moisture.
	Wear eye protection	To reduce the risk of you eye, please wear eye protection!
	Wear hearing protection	To reduce the risk of you ear, please wear hearing protection!
	Keep bystanders away.	Keep all bystanders away.
	Noise level marking	Your tool noise is not more than 96dB.

⚠ WARNING: Never use your trimmer without the guard properly installed. Failure to adhere to this warning can cause serious personal injury.

2. GUIDE FOR SAFE OPERATION

The purpose of the safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any

danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.

⚠SAFETY ALERT SYMBOL: Indicates caution or warning may be used in conjunction with other symbols or pictures.

⚠WARNING: Be familiar with the controls and proper use of the equipment.

⚠WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

Save the owners manual and review frequently for continuing safe operation and instructing others who may use this tool.

⚠WARNING: This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.

⚠WARNING: The operation of any tool can result in foreign objects being thrown into your eyes, which can result in eyes being severely damaged. Before beginning power tool

operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields.

1. This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
2. Children are not allowed to use the machine.
3. Read the instructions carefully.
4. Be familiar with the controls and proper use of the equipment.
5. Before use check the supply and extension cord for signs of damage or ageing.
6. Warning: Cutting elements continue to rotate after the motor is switched off.
7. Wear protective glasses or goggles.
8. Never allow children or people unfamiliar with the instructions to use the machine.
9. Stop using the machine while people especially children, or pets are nearby.

10. Only use the machine in daylight or good artificial light.
11. Before using the machine and after any impact check for signs of wear or damage and repair as necessary.
12. Never operate the machine with damaged guards or without the guards in place.
13. Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
14. Take care against injury from any device fitted for trimming the filament line length. After extending new cutter line always return the machine to its normal operating position before switching on.
15. Never fit metal cutting elements.
16. Never use replacement parts or accessories not provided or recommended by the manufacturer.
17. Disconnect the machine from the mains before checking, cleaning or working on the machine and when it is not in use.
18. Always ensure that ventilation openings are kept clear of debris.
19. Where symbol pictograms are used in the marking on the machine their function shall be explained.
20. Always remove the battery from battery holder when

leaving the trimmer unattended.

21. After use, remove the battery from battery holder and check for damage.


22. When not in use store the machine out of the reach of children.

23. Check details of maintenance and adjustments which a user may carry out.


24. Use only manufacturer's recommended replacement parts and accessories. Where parts are consumable (e.g. cutter line) the replacement part number shall be specified.


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21. After use, remove the battery from battery holder and check for damage.
22. When not in use store the machine out of the reach of children.
23. Check details of maintenance and adjustments which a user may carry out.
24. Use only manufacturer's recommended replacement parts and accessories. Where parts are consumable (e.g. cutter line) the replacement part number shall be specified.

3. GENERAL IDENTIFICATION

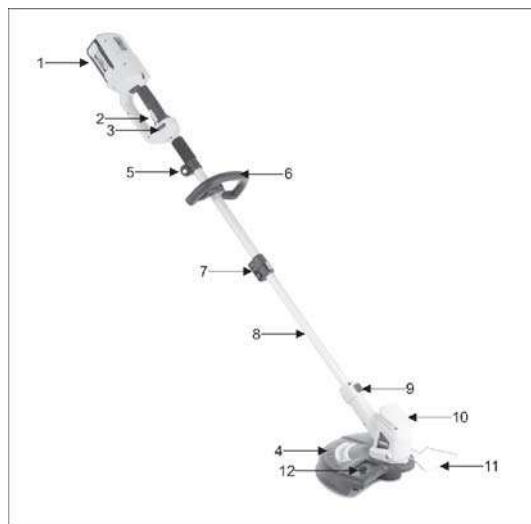


Fig.1

- | | | |
|------------------------------------|-----------------------------|-----------------------|
| 1. Battery | 2. Switch trigger | 3. Safety lock button |
| 4. Safety guard | 5. Shoulder strap connector | 6. Second handle |
| 7. Height adjustment lock lever | 8. Tube | 9. Rotation button |
| 10. Motor housing | 11. Plant guard | |
| 12. Cutting width adjustment lever | | |

4. TECHNICAL DATA

Model;	GT3240VZ
Rated Voltage:	40VDC
No load speed:	7500/min(Cutting Width: 320mm) 8000/min(Cutting Width: 280mm)
Cutting Width:	280-320mm
Line size:	Ø1.6mm
Sound pressure level at the operator's position:	81.2dB(A) K=3dB(A)
Measured sound power level	93.3dB(A) K=2,19dB(A)
Guaranteed sound power level:	96dB(A)
Vibration:	3.11m/s ² k=1.5 m/s ²
Net weight:	3.8kg

Battery	Lithium-ion	
Model number	DYMA71E	DYMA72E
Rated voltage	40Vdc	40Vdc
Capacity	108Wh	144Wh
Number of cells	20pcs	20pcs
Battery charger		
Model number	DYMA73E	
Input	220-240VAC,50Hz,1A	
Output	40Vd.c,2A	
Allowable charging temperature range	0-50°C	

5. ASSEMBLY INSTRUCTION

The trimmer is supplied with some components not assembled. To assemble these, proceed as follows:

5.1 SAFETY GUARD ASSEMBLY

Fix the safety guard onto the motor housing with 2 screws (Fig.2)

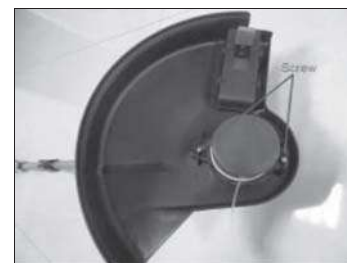


Fig.2

⚠ Warning: Never use the tool unless the guard is properly fitted.

⚠ Warning: take care against injury from the blade fitted to the guard for trimming the line to length. After extending new line, always return the trimmer to its normal operating position before switching on.

⚠ Warning: never fit metal cutting elements.

⚠ Warning: never use it without the safety guard properly installed. Failure to adhere to this warning can cause serious personal injury.

5.2 SECOND HANDLE ASSEMBLY (FIG.2)

1. Loosen the two bolts from a piece of curved steel plate.
2. Position the second handle over the tube in the correct location.
3. Slide two bolts through the holes in the second handle and tighten securely.



Fig.2

5.3. ASSEMBLY SHOULDER STRAP (FIG.3A/3B)

Press the locking button to clip shoulder strap hose and you can use shoulder strap for comfortable operation.



Fig.3A

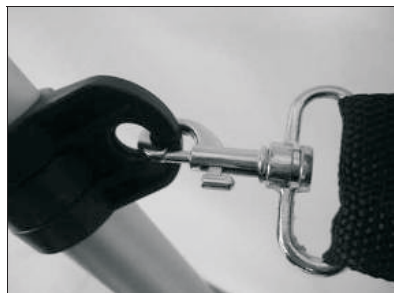


Fig.3B

Detachment: This belt provided quick-release mechanism. Press the both side of the release button with one hand, the machine can be released quickly from the operator in the event of an emergency. (Fig.4B/Fig.4C)



Fig.4B

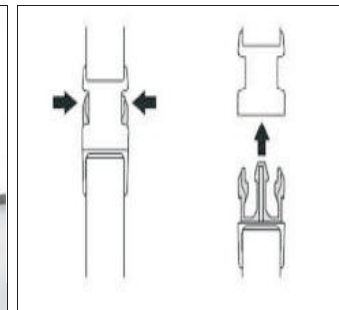


Fig.4C

5.4 INSERTING THE BATTERY

1. Insert the battery pack into battery holder. (Fig.5A)
2. Make sure the latch on bottom of battery pack snaps in place and that battery pack is firmly seated. (Fig.4B)



Fig.5A



Fig.5B

5.5 REMOVING THE BATTERY (Fig.6)

1. Press and hold the battery latch button (1) at the bottom of the battery pack.
2. Remove battery pack from the product.

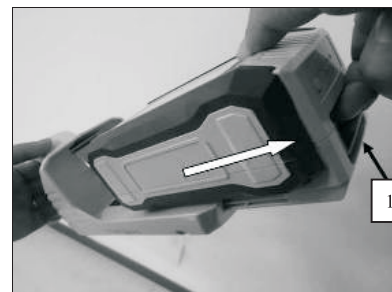


Fig.6

6. ADJUSTING THE CUTTING WIDTH (FIG.7)

The unit features a cutting width adjustment function. You can switch between 28cm, 30cm and 32cm with the three lever positions.

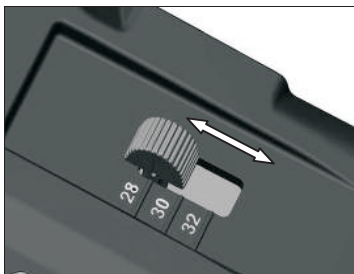


Fig.7

7. STARTING

(1) Check the safety guard and remove the blade cover before operation(Fig.8A/8B)



Fig.8A

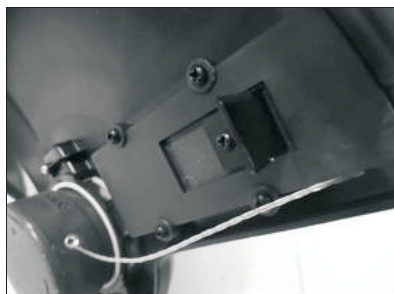


Fig.8B

(2) Hold the trimmer securely and without letting it touch the grass to be cut, depress the safety lock button (1) and the switch trigger(2).(Fig.9)

(3) To switch off the trimmer, release the switch trigger.

⚠ Warning: Switch on the motor only when your hands and feet are away from the cutting parts.

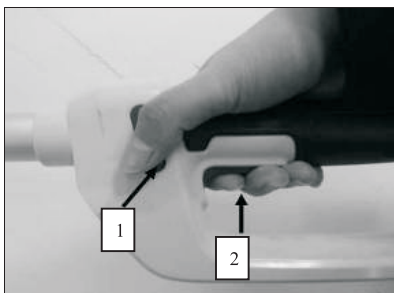


Fig.9

8. HEIGHT ADJUSTMENT (Fig.10)

For a comfortable height, the height can be adjusted. Press the locking clamp open and adjust as required. The telescopic handle extends up to 160.2cm in length and down to 38.2cm in length.

To adjust the height setting, proceed as follows:

1. Release the height adjust locking clamp.
2. Gently pull the tube up or down to the desired height.
3. Close the height adjust locking clamp.



Fig.10

9. USING THE TRIMMER AS AN EDGER

For edging of driveways and paths, the trimmer may be switched to an edging mode:

- (1) Remove battery pack from the battery holder;
- (2) Hold the tube of the trimmer with one hand and push the rotation button by another hand.(Fig. 11A/11B)
- (3) Rotate the tube 180° until it locks in the edging mode. (Fig. 11C)



Fig.11A



Fig.11B



Fig.11C

⚠ Warning: To prevent accidental starting which may cause serious personal injury, always remove battery pack from the battery holder before attempting to rotate the shaft.

10. REPLACEMENT OF THE CUTTING LINE CARTRIDGE

Your trimmer is supplied with a fully replaceable cutting line cartridge, which overcomes troublesome rewinding of the cutting line.

To replace an empty cutting line cartridge, press both of the cap release latches on the cap and remove it out of the spool holder (Fig.12A). Then take the spool out (Fig.12B). Put the spring into the spool holder and feed the two cutting lines through the eyelets of the spool holder and put the spool into the housing (Fig. 12C). Press the cap into the spool holder and lock into place with the spring latches (Fig.12D).

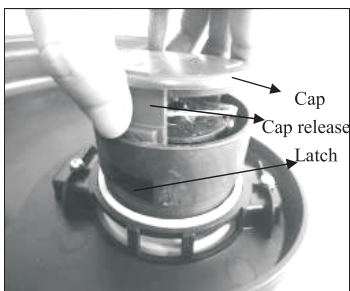


Fig.12A



Fig.12B



Fig.12C



Fig.12D

11. CUTTING LINE ADVANCE

Short or worn lines cut less efficiently. To improve its operation on subsequent occasions, tap the spool button lightly on the ground while the trimmer is running at fully speed. This will automatically feed extra cutting line. The cutting line blade situated under the guard will automatically trim the cutting line to the correct length during operation.

⚠ NOTE: Cutting hard and abrasive objects; such as fences, concrete and rocks in and around long grass may cause the cutting line to disappear and easily be withdrawn from within the cartridge by following these simple instructions.



Fig.13

12. INSTRUCTION FOR USE

Start the trimmer before getting close to the grass to be cut.

Cut the grass by moving the trimmer from right to left and proceed slowly, keeping the trimmer inclined about 30°. High grass should be cut in layers, always beginning from the top. The cuts should be short.

Avoid cutting damp or wet grass.

Avoid wearing the line out quickly by cutting hard objects (stone, walls, fences etc). Use the edge of the guard in order to keep the trimmer at the right distance.

⚠ Warning: Do not use excessive force or hit the trimmer bump head on the ground to advance the trimming line. If the trimming line will not advance after tapping the bump head on the ground while the trimmer is running, the cutting line may have tangled or have disappeared within the cartridge or the cutting line may have been used up.

NOTE: Excessive force or bashing the Trimmer Bump Head on the ground to advance the cutting line will damage the bump head.

⚠ Warning: The cutting head continues to rotate after motor is switched off for a few seconds.

13. MAINTENANCE

1. After use, remove the battery pack from the battery holder and check for damage.
2. When not in use store the machine out of the reach of children.
3. Check the details of maintenance and adjustments which a user may carry out.
4. Use only manufacturer's recommended replacement parts and accessories. Where parts are consumable (e.g. cutter line) the replacement part number shall be specified.

14. TROUBLESHOOTING

The following chart lists problem symptoms, possible causes and corrective action, if your garden product does not operate properly. If these do not identify and correct the problem, contact your service agent.

⚠ Warning: Switch off and remove the battery prior to any troubleshooting.

Fault	Remedial action
Appliance runs slowly	Recharge battery Check that the spool housing can rotate freely. Carefully clean it if necessary.
Automatic line feed does not work	<ol style="list-style-type: none">1. Keep the tabs depressed and remove the spool cover from the housing.2. Pull the cutting line until it protrudes 11 cm from the housing. If insufficient cutting line is left on the spool, install a new spool of cutting line as instructed above.3. Align the tabs on the spool cover with the cut outs in the housing.4. Push the cover onto the housing until it snaps securely into place.5. If the cutting line protrudes beyond the trimming blade, cut it off so that it just reaches the blade.
Automatic line feed still does not work or the spool is jammed	<ol style="list-style-type: none">1. Carefully clean the spool cover and housing.2. Remove the spool and check if the lever can move freely.3. Remove the spool and unwind the cutting line, then wind it on neatly again as described above. Replace the spool as instructed.

15. ENVIRONMENTALLY FRIENDLY DISPOSAL



According to EU directive 2012/19/EU on electric and electronic equipment and its implementation into national law, all electric tools must be separately collected and environmentally friendly recycled. Alternative disposal: If the owner of the power tool does not return the tool to the manufacturer, he is responsible for proper disposal at a designated collection point that prepares the device for recycling according to national recycling laws and regulations. This does not include accessories and tools without electric or electronic components.

Accumulator Disposal:

Old Accumulators and batteries must not be added to household waste, but should be disposed of in accordance with the applicable legislation.

- Take unusable rechargeable batteries to the dealer's or community's battery collection point.

Disposing of the packaging:

The packaging is made of cardboard and separately labeled foil which is also recyclable.

- Take these materials to a recycling centre.

Battery packs/batteries:



Li-Ion

Do not dispose of batteries into household waste, water or fire. Battery packs/batteries must be collected, recycled or disposed of in an environmentally -friendly way.

Only for EC countries:

Defective or dead batteries must be recycled according to the directive 2006/66/EC

16. WARRANTY

This product is warranted in accordance with legal regulations for a 24 month period effective from the date of purchase by the first user.

This product will not be covered if used in a commercial application.

This warranty covers all material or production failures, it does not include: defects from normal wear and tear, parts such as, bearings, brushes, cables, air cleaning elements, brake pad, clutch disc, tyre, wheel, recoil starter rope, belts, cutter blades, plugs, lubricant oils and grease or accessories. Damage or defects resulting from abuse, accidents or alterations, natural fading of painted or plated surfaces, sheet peeling and other natural deterioration.

Any damage that occurs from the use of non-genuine Cobra parts will not be covered.

We reserve the right to reject any claim where the purchase cannot be verified or when it is clear that the product was not maintained properly. (Clean ventilation slots, carbon brushes and serviced regularly)

Expenses incidental to the warranty claim that are not covered;

-Compensation for loss of time, commercial loss or rental costs of substitute product.

-Costs incurred for transportation to and from the dealership.

Any damage that occurs from the following will not be covered; exposure of the product to smoke and soot, chemical agents, bird droppings or other animal waste, seawater, sea breeze, salt or other environmental phenomena.

Any damage resulting from operating methods other than those indicated in the owner's manual will not be covered.

Your purchase receipt must be kept as proof for date of purchase. Your un-dismantled product must be returned to your dealer in an acceptably clean state, accompanied by your proof of purchase.

Please Register Your Cobra Product


If your dealer did not collect registration information from you, please take a few minutes and register your purchase with Cobra.

You can register by completing and mailing the registration card that should be in the box or by going online to: www.cobragarden.co.uk and clicking on Product Registration.

Before using the product, all operators must read this manual.



17. EC DECLARATION OF CONFORMITY

We herewith declare,	Cobra Garden Machinery Henton & Chattell Ltd, London Road, Nottingham NG2 3HW UK
that the following machine complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us.	
In case of alteration of the machine, not agreed upon by us, this declaration will lose its validity	
Machine Description:	Cordless Grass Trimmer
Machine Type:	GT3240VZ (DYM2071)
Rated Voltage	40VDC
Cutting width:	280-320mm
Measured sound power level	93.3dB (A)
Guaranteed sound power level:	96dB(A) Notified Body for EC Directive 2000/14/EC:0036 TÜV SÜD Industrie Service GmbH Westendstrasse 199 • 80686 München • Deutschland
Applicable EC Directives:	EC Machinery Directive: 2006/42/EC EC Directive of Electromagnetic Compatibility 2014/30/EU EC Directive of noise emission 2000/14/EC
Applicable Harmonized Standards:	EN 60335-1 EN 50636-2-91 EN 62233 EN 55014-1 EN 55014-2
Authorized Signature/Date/ Place:	 10-10-2018
Title of Signatory:	Managing Director
name and address of the person authorized to compile the technical file	Cobra Garden Machinery Henton & Chattell Ltd, London Road, Nottingham NG2 3HW UK