



greenworks G24LTK2 Cordless String Trimmer Instruction Manual

[Home](#) » [Greenworks](#) » greenworks G24LTK2 Cordless String Trimmer Instruction Manual 

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G24ST
OPERATOR MANUAL



 **STG305**
Original Instructions

Contents

- [1 DECLARATION OF CONFORMITY \(UK\)](#)
- [2 DESCRIPTION](#)
- [3 SAFETY](#)
- [4 INSTALLATION](#)
- [5 OPERATION](#)
- [6 MAINTENANCE](#)
- [7 TRANSPORTATION AND](#)
- [8 TROUBLESHOOTING](#)
- [9 TECHNICAL DATA](#)
- [10 WARRANTY](#)
- [11 EC DECLARATION OF CONFORMITY](#)
- [12 Documents / Resources](#)
 - [12.1 References](#)
- [13 Related Posts](#)

DECLARATION OF CONFORMITY (UK)

Name and address of the manufacturer:

Name: GLOBGRO AB

Globe Group Europe

Address: Riggaregatan 53, 211 13 Malmö Sweden

Name and address of the Authorized representative:

Name: Garden Equipment Ltd

Address:

Name and address of the person authorised to compile the technical file:

Name: Simon Del-Nevo

Address:

Here with we declare that the product

Category: Electric String Trimmer

Model: 2101207 (STG305)

First Floor, 3a Groveley Road, Christchurch, Dorset, BH23 3HB, UK

First Floor, 3a Groveley Road, Christchurch, Dorset, BH23 3HB, UK

Serial number: See product rating label

Year of Construction: See product rating label

- is in conformity with the relevant provisions of the Supply of Machinery (Safety) Regulations 2008.
- is in conformity with the provisions of the following other UK legislation:
- Electromagnetic Compatibility Regulations 2016
- Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Furthermore, we declare that the following standard have been used:

- BS EN 60335-1, BS EN 50636-2-91, BS EN 62233, BS EN 55014-1, BS EN 55014-2, BS EN ISO 3744, ISO 11094, BS EN 62321-3-1, BS EN 62321-4, BS EN 62321-5, BS EN 62321-6, BS EN 62321-7-1, BS EN 62321-7-2, BS EN 62321-8

Conformity assessment method to Annex E Noise Emission in the Environment by Equipment for use Outdoors

Regulations 2001.

String Trimmer:

Measured sound power level 87 dB(A)

Guaranteed sound power level 90 dB(A)

Place, date: Christchurch, Dorset, UK 07.06.2021

Signature: Ted Qu, Quality Director

Ted Qu

DESCRIPTION

1.1. PURPOSE

This machine is used to cut grass, light weeds, and other similar vegetation at or around ground level. The cutting plane must be approximately parallel to the ground surface.

You cannot use the machine to cut or chop hedges, shrubs, bushes, flowers and compost.

1.2 OVERVIEW

Figure 1 – 16.

1. Lock-out button
2. Trigger
3. Front handle
4. Upper shaft
5. Lower shaft
6. Cut-off blade
7. Trimmer head
8. Guard
9. Rotating handle latches
10. Positioning holes
11. Spool retainer button
12. Spool cover
13. Tab
14. Spool
15. Hole
16. Spool housing
17. Anchor hole
18. Guide slot
19. Battery release button
 - A Direction of rotation
 - B Best cutting area
 - C Dangerous cutting area

1.3 PACKING LIST

1. Stang trimmer bare tool
2. Auxiliary handle assembly
3. Guard assembly

SAFETY



WARNING

Make sure that you follow all safety instructions. Refer to Safety Manual.

INSTALLATION



WARNING

Remove the battery pack from the machine before installation.



WARNING

Do not use accessories that are not recommended for this machine.

3.1 UNPACK THE MACHINE



WARNING

Make sure that you correctly assemble the machine before use.



WARNING

If parts of the machine are damaged, do not use the machine.

- If you do not have all the parts, do not operate the machine.
- If parts are damaged or missing, contact the service center.

1. Open the package.
2. Read the documentation provided in the box.
3. Remove all the unassembled parts from the box.
4. Remove the machine from the box.
5. Discard the box and packing material in compliance with local regulations.



WARNING

For your personal safety, do not insert battery before the tool is assembled completely.

3.2 ATTACH THE GUARD Figure 2 – 3.



WARNING

Do not touch the cut-off blade.

1. Remove the screw from the trimmer head with a Phillips head screwdriver (not included).
2. Put the guard onto the trimmer head.
3. Align the screw hole on the guard with the screw hole on the trimmer head.
4. Tighten the screw.

3.3 ASSEMBLE THE SHAFT

Figure 4.

1. Push in the rotating handle latches on the lower shaft.
2. Align the latches with the positioning holes and slide the two shafts.
3. Turn the lower shaft until the latches locks into the positioning holes.
4. Insert the screws into the shaft.
4. Tighten the screws.

3.4 INSTALL THE BATTERY PACK

Figure 5.

WARNING

• If the battery pack or charger is damaged, replace the battery pack or the charger. • Stop the machine and wait until the motor stops before you install or remove the battery pack. • Read, know, and follow the instructions in the battery and charger manual.

1. Align the lift ribs on the battery pack with the grooves in the battery compartment. 2. Push the battery pack into the battery compartment until the battery pack locks into place. 3. When you hear a click, the battery pack is installed.

3.5 REMOVE THE BATTERY PACK

Figure 5. 1. Push and hold the battery release button. 2. Remove the battery pack from the machine.

OPERATION

IMPORTANT

Before you operate the machine, read and understand the safety regulations and the operation instructions.

WARNING

Be careful when you operate the machine.

4.1 START THE MACHINE

Figure 6. 1. Push the lock-out button and pull the trigger.

4.2 STOP THE MACHINE

Figure 6. 1. Release the trigger to stop the machine.

4.3 OPERATION TIPS

Figure 7.

WARNING

Keep clearance between the body and the machine.

WARNING

1) 0 1101 operate the machine without guard in place. Do these tips when you use the machine

- Keep the machine connected to the correctly worn harness.
- Keep a firm hold with the two hands on the machine while you operate the machine.
- Cut tall grass from the top down. If grass winds around the trimmer head:
- Remove the battery pack.
- Remove the grass.

4.4 CUTTING TIPS

Figure 8.

- Tilt the machine toward the area to be cut. Use the tip of the cutting line to cut grass.
- Move the machine from right to left to prevent thrown debris toward the operator.
- Do not cut in dangerous areas.
- Do not force the trimmer head into uncut grass.
- Wire and picket fences cause cutting line wear and breakage. Stone and brick walls, curbs, and wood can wear the cutting line quickly.

4.5 ADJUST THE LENGTH OF THE CUTTING LINE

Figure 6.

NOTE

The machine has an auto-feed head. It will damage the machine if you hit the head to try to advance the line.

i NOTE

If the cutting line does not automatically advance, it can be tangled or empty.

1. When the machine is on, release the trigger. 2. Wait two seconds, push the trigger again.

i NOTE

The line will extend approximately 0.4 in. with each stop and start of the switch trigger until the line reaches the cut-off blade and the cut-off blade cuts the excess length.

4.6 ADJUST THE LENGTH OF THE CUTTING LINE MANUALLY

Figure 9.

1. Stop the machine.
2. Push the spool retainer button and pull on cutting line to manually advance the cutting line.
3. After you extend new cutter line, always return the machine to its normal position before you start it again.

4.7 LINE CUT-OFF BLADE

Figure 9.

This trimmer is equipped with a line cut-off blade on the guard. The line cut off blade continuously trims the line to ensure a consistent and efficient cut diameter. Advance line whenever you hear the engine running faster than normal, or when trimming efficiency diminishes. This will maintain best performance and keep line long enough to advance properly.

4.8 CHANGE TO THE EDGING MODE

Figure 10 – 11.

i NOTE

You can change the machine to a well groomed edger for edging patios, driveways and walkways or other areas.

1. Stop the machine.
2. Push on the rotating handle latches and turn the trimmer head 180 degrees until the trimmer head locks into position.
3. Release rotating handle latches .
4. Insert the screws into the shaft.
5. Tighten the screws.

MAINTENANCE

IMPORTANT

Read and understand the safety regulations and the maintenance instructions before you clean, repair or do the maintenance work on the machine.

IMPORTANT

Make sure that all nuts, bolts and screws are tight. Examine regularly that you install the handles tightly.

i IMPORTANT

Use only the replacement parts and accessories of the initial manufacturer.

5.1 GENERAL INFORMATION

1 MPORTIAN

Only your dealer or approved service center can do the maintenance that is not given in this manual.

Before the maintenance operations:

- Stop the machine.
- Remove the battery pack.
- Cool the motor.
- Store the machine in cool and dry place.
- Use correct clothing, protective gloves and safety glasses.

5.2 CLEAN THE MACHINE

- Clean the machine after use with a moist cloth dipped in neutral detergent.
- Do not use aggressive detergents or solvents to clean the plastic parts or handles.
- Keep the trimmer head free of grass, leaves, or excessive grease.
- Keep the air vents clean and free of debris to avoid overheating and damage to the motor or the battery.
- Do not spray water onto the motor and electrical components.

5.3 REPLACE THE SPOOL

Figure 12.

1. Push the tabs on the sides of the trimmer head at the same time.
2. Pull and remove the spool cover.
3. Remove the spool.
4. Replace with a new spool.

i NOTE

Make sure that the cutting line is in the guide slot on the new spool, and is extended approximately 5 in. before you install the new spool.

5. Put the end of the cutting line through the eyelet.
6. Extend the cutting line to release it from the guide slot in the spool.
7. Push the tabs and install the spool cover onto the spool housing.
8. Push the spool cover until it clicks into position.

5.4 REPLACE THE CUTTING LINE

Figure 13- 16.

NOW F.

Remove the remaining cutting line on the spool.

i NOTE

Use only with the nylon cutting line of 1.65 mm diameter.

1. Cut a piece of cutting line approximately 3m long.
2. Bend one end of the line 14 of an inch (6.35mm) .
3. Insert the line into the anchor hole of the spool.
4. Wind the cutting line around the spool tightly in the indicated direction.
5. Put the cutting line in the guide slot.
6. Do not wind the cutting line beyond the edge of the spool.

TRANSPORTATION AND

STORAGE

6.1 MOVE THE MACHINE

When you move the machine, you must:

- Wear gloves.
- Stop the machine.
- Remove the battery pack and charge it.

- Assemble the blade guard.

6.2 STORE THE MACHINE

- Remove the battery pack from the machine.
- Make sure that children cannot come near the machine.
- Keep the machine away from corrosive agents such as garden chemicals and de-icing salts.
- Secure the machine during transportation to prevent damage or injury. Clean and examine the machine for any damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
The machine does not start when you push the trigger.	No electrical contact between the machine and the battery pack.	1. Remove battery pack. 2. Check contact and install the battery pack again.
	The battery pack is depleted.	Charge the battery pack.
	The lock-out button and trigger are not pushed at the same time.	1. Pull the lock-out button and hold it.
		2. Pull the trigger to start the machine.
The machine stops when you cut.	The guard is not attached to the machine.	Remove the battery pack and attach the guard to the machine.
	Heavy cutting line is used.	Use only with the nylon cutting line of 1.65 mm diameter.
	The grass winds around the motor shaft or the trimmer head.	1. Stop the machine.
		2. Remove the battery pack.
		3. Remove the grass from the motor shaft and trimmer head.
	The motor is overloaded.	1. Remove the trimmer head from the grass.
		2. The motor will recover to work as soon as the load is removed.
		3. When you cut, move the trimmer head in and out of the grass to be cut and remove no more than 8" in pass.
	The battery pack or machine is too hot.	1. Cool the battery pack until its function returns to normal.
		2. Cool the machine for approximately 10 minutes.
	The battery pack is disconnected from the tool.	Install the battery pack again.
	The battery pack is depleted.	Charge the battery pack.

The line does not advance.	Lines are welded to themselves.	Lubricate with silicone spray.
	Not enough line on spool.	Install more line.
	Lines are worn too short.	Advance the cutting line.
	Lines are tangled on spool.	1. Remove the lines from the spool.
		2. Wind the lines.
The line keeps breaking.	The machine is used incorrectly.	1. Cut with the tip of the line, avoid stones, walls and other hard objects. 2. Advance the cutting line regularly to keep full cutting width.
The grass winds around the trimmer head and motor housing.	Cut tall grass at ground level.	1. Cut tall grass from the top down. 2. Remove no more than 8" in each pass to prevent wrapping.
The line does not cut well.	The cut-off blade becomes dull.	Sharpen the cut-off blade with a file or replace it.
Vibration increases obviously.	The line is worn down at one side and not advanced in time.	Make sure that the line on both sides is normal. Advance the line.

TECHNICAL DATA

Voltage	24 V
No load speed	8400 =10% RPM
Cutting head	Automatic feed
Cutting line diameter	1.65 mm
Cutting path diameter	254 mm
Weight (without battery pack)	1.7 kg
Measured sound pressure level	LpA=71 dB(A), Km= 3 dB(A)
Guaranteed sound power level	Lwtd= 90 dB(A)
Vibration	<2.5 m/s ² , k=1.5 m/s ²
Battery model	BAG716/BAG710/BAG708/ BAG709 and other BAG series
Charger model	CAG809/CAG824 and other CAG series



Noise value.

WARRANTY

(The full warranty terms and conditions can be found on Greenworks website www.greenworkstools.eu) The Greenworks warranty is 3 years on the product, and 2 years on batteries (consumer/private usage) from the date of purchase. This warranty covers manufacturing faults. A faulty product under warranty might be either repaired or replaced. A unit that has been misused or used in other ways than described in the owner's manual might be

rejected for warranty. Normal wear, and wear parts are not considered as warranty. The original manufacturer warranty is not affected by any additional warranty offered by a dealer or retailer. A faulty product must be returned to the point of purchase in order to claim for warranty, together with the proof of purchase (receipt).

EC DECLARATION OF CONFORMITY

Name and address of the manufacturer:

Name: GLOBGRO AB Globe Group Europe Address: Riggaregatan 53, 211 13 Malmö, Sweden

Name and address of the person authorised to compile the technical file:

Name: Micael Johansson Address: Riggaregatan 53, 211 13 Malmö, Sweden

Herewith we declare that the product Category: Grass trimmer Model: 2101207 (STG305) Serial number: See product rating label Year of Construction: See product rating label

- is in conformity with the relevant provisions of the Machinery Directive 2006/42/EC.
- is in conformity with the provisions of the following other EC-Directives:
- 2014/30/EU
- 2000/14/EC & 2005/88/EC
- 2011/65/EU & (EU)2015/863

Furthermore, we declare that the following (parts/clauses of) harmonised standards have been used:

- EN 60335-1; EN 50636-2-91; EN 62233; EN 55014-1; EN 55014-2; EN ISO 3744; EN ISO 3744; ISO 11094; IEC 62321-7-2; IEC 62321-4; IEC 62321-5; IEC 62321-6; IEC 62321-7-1; IEC 62321-8; IEC 62321-3-1

Conformity assessment method to Annex VI / Directive 2000/14/EC.

Grass trimmer

Measured sound power level: = $L_y = 87.0$ dB(A)

Guaranteed sound power level: $L_y, g = 90$ dB(A)


Place, date: Signature: Ted Qu, Quality Director

Malmö, 7.29.2021

Ted Qu

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Documents / Resources

	<p>greenworks G24LTK2 Cordless String Trimmer [pdf] Instruction Manual G24LTK2, G24ST, STG305, G24LTK2 Cordless String Trimmer, Cordless String Trimmer, String Trimmer, Trimmer</p>
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References

- [9 Greenworks | Battery-powered tools for your home & garden](#)
- [User Manual](#)