

# greenworks G24ST25 Cordless String Trimmer User Manual

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## **DESCRIPTION**

#### **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.

#### **OVERVIEW**

## Figure 1 - 16.

- Trigger
- 2. Lock-out button
- 3. Upper shaft
- 4. Auxiliary handle
- 5. Middle shaft

	<b>▲</b> WARNING			
IN	STALLATION			
	e term "power tool" in the warnings refers to your batteryoperated (cordless) power tool.			
	Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electri shock, fire and/or serious injury.			
<b>A</b> WARNING				
GI	ENERAL POWER TOOL SAFETY WARNINGS			
	C Dangerous cutting area			
	<b>B</b> Best cutting area			
	A Direction of roatation			
22.	Guide slot			
21.	Anchor hole			
20.	Spool housing			
9.	Hole			
8.	Spool			
	Tab			
	Spool cover			
	Spool retainer button			
	Cut-off blade			
	Battery release button			
	Bolt			
	Knob			
	Positioning hole			
	Trimmer head Release button			
	Guard Trimmer head			
	Consul			

Remove the battery pack from the machine befor installation.

<b>▲</b> WARNING				
Do not use accessories that are not recommended for this machine.				
UNPACK THE MACHINE				
<b>▲</b> WARNING				
Make sure that you correctly assemble the machine before use.				
<b>≜</b> WARNING				
<ul> <li>If parts of the machine are damaged, do not use the machine.</li> <li>If you do not have all the parts, do not operate the machine.</li> <li>If parts are damaged or missing, contact the service center.</li> </ul>				
<ol> <li>Open the package.</li> <li>Read the documentation provided in the box.</li> <li>Remove all the unassembled parts from the box.</li> <li>Remove the machine from the box.</li> <li>Discard the box and packing material in compliance with local regulations.</li> </ol>				
ATTACH THE GUARD				
Figure 2 – 3.				
<b>≜</b> 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.

#### **ASSEMBLE THE SHAFT**

## Figure 4.

## **A** WARNING

Never install, remove, or adjust any part of a machine while the battery is installed in the machine or the machine is running.

## **O**NOTE

When you remove the machine from the box, the three poles of the machine are connected by an electrical cord as shown.

- 1. Push in the release button located on the middle shaft.
- 2. Align the release button with the positioning hole on the upper shaft and slide the two shafts together until the button locks into the positioning hole.
- 3. Repeat above procedure to connect middle shaft to lower shaft.

#### ATTACH THE AUXILIARY HANDLE

### Figure 5-6.

- 1. Remove the knob from the handle.
- 2. Attach the auxiliary handle on the shaft.
- 3. Set the auxiliary handle in the comfortable position.
- 4. Put the bolt through the holes.
- 5. Tighten the auxiliary handle with the knob.

#### **INSTALL THE BATTERY PACK**

## Figure 7.

## **A**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.

## REMOVE THE BATTERY PACK

## Figure 7.

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

## **OPERATION**

# **O**IMPORTANT

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

## **A** WARNING

Be careful when you operate the machine

#### START THE MACHINE

Figure 8.

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

## STOP THE MACHINE

Figure 8.

1. Release the trigger to stop the machine.

#### **OPERATION TIPS**

Figure 9.

# **A** WARNING

Keep clearance between the body and the machine.

## **A** WARNING

Do not 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.

#### **CUTTING TIPS**

## Figure 10.

- 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 the dangerous area.
- · 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.

### ADJUST THE LENGTH OF THE CUTTING LINE

### Figure 8.

<b>⊕</b> NOTE
The machine has an auto-feed head. It will damage the machine if you hit the head to try to advance the line.
● NOTE
The machine has an auto-feed head. It will damage the machine if you hit the head to try to advance the line.
<ol> <li>When the machine is on, release the trigger.</li> <li>Wait two seconds, push the trigger again</li> </ol>
LINE CUT-OFF BLADE
Figure 10.
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.
MAINTENANCE
<b>●</b> IMPORTANT

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

# **1** IMPORTANT

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



Use only the replacement parts and accessories of the initial manufacturer

#### **GENERAL INFORMATION**



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.

#### **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.

#### REPLACE THE SPOOL

### Figure 11 - 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.



Make sure that the cutting line is in the guide slot on the new spool, and is extended approximately 5 in. befo re 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.



Remove the remaining cutting line on the spool.



Use only with the nylon cutting line of 0.065" (1.65 mm) diameter.

- 1. Cut a piece of cutting line approximately 3m long.
- 2. Bend one end of the line 1/4 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

#### **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.

### 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 transportion to prevent damage or injury. Clean and examine the machine for any damage.

## **TROUBLESHOOTING**

Problem	Possible Cause	Solution
The ma- chine does not star	No electrical con- tact between the m achine and the battery pack.	<ol> <li>Remove battery pack.</li> <li>Check contact and in- stall the battery pack again.</li> </ol>
t when you push the trigger.	The battery pack is depleted.	Charge the battery pack.
	The lock-out but- ton and trigger are not pushed at the same time.	<ol> <li>Pull the lock-out but- ton and hold it.</li> <li>Pull the trigger to start the machine.</li> </ol>
	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 0.0 65" (1.65 mm) diameter.
	The grass winds around the motor shaft or the trim- mer head.	<ol> <li>Stop the machine.</li> <li>Remove the battery pack.</li> <li>Remove the grass from the motor shaft and trim- mer head.</li> </ol>
he ma- chine stops when y u cut.	The motor is over- loaded.	<ol> <li>Remove the trimmer head from the gr ass.</li> <li>The motor will recover to work as soon as the load is removed.</li> <li>When you cut, move the trimmer head in and out of the grass to be cut and r emove no more than 8" in pass.</li> </ol>
		chiove no more than o in pass.

	The battery pack or machine is too h ot.	<ol> <li>Cool the battery pack until its function returns to normal.</li> <li>Cool the machine for approximately 1 0 mi- nutes.</li> </ol>
	The battery pack is disconnected from the tool.	Install the battery pack again.
	The battery pack is depleted.	Charge the battery pack.
	Lines are welded to themselves.	Lubricate with silicone spray.
	Not enough line on spool.	Install more line.
The line does not ad-	Lines are worn too short.	Advance the cutting line.
vance.	Lines are tangled on spool.	<ol> <li>Remove the lines from the spool.</li> <li>Wind the lines.</li> </ol>
The line keeps breaking.	The machine is used incorrectly.	Cut with the tip of the line, avoid stone s, walls and other hard objects.
		2. Advance the cutting line regularly to ke ep full cutting width.
The grass winds around the trimmer head and motor hous- ing.	Cut tall grass at ground level.	<ol> <li>Cut tall grass from the top down.</li> <li>Remove no more than 8" in each pass to prevent wrapping.</li> </ol>
The line does not cut well.	The cut-off blade becomes dull.	Sharpen the cut-off blade with a file or re place it.
Vibration increases obviousl y.	The line is worn down at one side an d not advanced in time.	Make sure that the line on both sides is n ormal. Advance the line.

# **TECHNICAL DATA**

Voltage	24 V
No load speed	8500 RPM
Cutting head	Automatic feed
Cutting line diameter	0.065" (1.65 mm)
Cutting path diameter	10 in. (254 mm)
Weight (without bat- tery pack)	1.9 kg
Measured sound pres- sure level	L <sub>PA</sub> =81 dB(A), K <sub>PA</sub> = 3 dB(A)
Guaranteed sound power level	L <sub>WA.d</sub> = 96 dB(A)
Vibration	<2.5 m/s2, k=1.5 m/s2
Battery model	BAM701/BAM710/BAM711 andother BAM series
Charger model	CAM805/CAM806 and other CAM series



## **WARRANTY**

(The full warranty terms and conditions can be found on Greenworks website)

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 then 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: Peter Söderström

Address: Riggaregatan 53 211 13 Malmö, Sweden

Herewith we declare that the product
Category: Grass trimmer
Model: STG310(2108007)
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 55014-2:2015; EN ISO 3744; EN ISO 3744; IEC
 62321-7-2; ISO 11094; 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: LWA=89.3 dB(A) Guaranteed sound power level: LWA.d=96 dB(A)

Place, date: Signature: Ted Qu, Quality Director

Malmö, 10.27.2020 Ted Qu

#### **Documents / Resources**



**greenworks G24ST25 Cordless String Trimmer** [pdf] User Manual G24ST25, Cordless String Trimmer

Manuals+.