

SCALE: A5

技术要求:

- 1.材质要求: 60g双胶纸
- 2.12P, 内容见电子档;
- 3.单色印刷,要求无色差、无污点;色块要求在最外侧
- 4.骑马钉, 裁切均匀、无连页;
- 5.以封样为准;

版本号

6.料件需符合格力博HSF文件(编号: GLB-CGR-146) 里关于环保和有害物质的具体要求。

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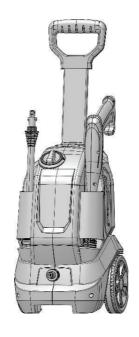
greenworks

G30

ΕN

PRESSURE WASHER

OPERATOR MANUAL





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1 DESCRIPTION

1.1 PURPOSE

The machine is used to clean vehicles, boats, buildings by the removal of stubborn dirt with clean water and chemical detergents.

For domestic use only, not for professional use, and for operation at temperature above 0°C.

1.2 PRODUCT OVERVIEW

Figure 1.

- Upper handle
- Power switch
- 3 Water intlet
- 4 Water outlet
- 5 Spray wand
- 6 Gun
- 7 Nozzle lock button
- 8 Trigger

- 9 Trigger safety button
- 10 Adjustable nozzle
- 11 Spray tip cleaning tool
- 2 Garden hose
- 13 High pressure hose
- 14 Spring button
- 15 Detergent tank

2 INTRODUCTION

Your product has been engineered and manufactured to high standards for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

3 GENERAL POWER TOOL SAFETY WARNINGS

- The machine is not intended for use by persons (including children) 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. Children should be supervised to ensure that they do not play with the appliance.
- Learn the machine's applications and limitations as well as the specified potential hazards related to this tool by studying this manual.
- Never operate the machine with any guard or cover removed or damaged.
- Do not operate the product while under the influence of drugs, alcohol, or any medication.
- Do not wear loose clothing, gloves, neckties, or jewellery.
 They can get caught and draw you into moving parts.
- Rubber gloves and non-skid footwear are recommended when working outdoors. Also wear protective hair covering to contain long hair. Wear footwear that will protect your feet and improve your grip on slippery
- Don't overreach or stand on unstable support. Keep proper footing and balance at all times.

- Check the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string which can be thrown or become entangled in the machine.
- Avoid dangerous environments. Don't expose to rain.
 Keep work area well lit.
- Before starting any cleaning operation, close doors and windows. Clear the area to be cleaned of debris, toys, outdoor furniture, or other objects that could create a hazard
- Don't use the appliance within range of persons unless they wear protective clothing.

4 ELECTRICAL SAFETY WARNINGS

- The electric supply connection shall be made by a qualified electrician and comply with IEC60364-1.
- Only connect this machine to a supply circuit protected by a residual current device (RCD) with a tripping current of not more than 30mA.
- Disconnect from the electrical power supply before carrying out user maintenance.
- Use only extension cords that have watertight
 connections and are intended for outdoor use. Use only
 extension cords having an electrical rating not less than
 the rating of the product. Examine extension cord before
 using and replace if damaged. Do not abuse extension
 cord and do not pull on any cord to disconnect. Keep cord
 away from heat and sharp edges. Always disconnect the
 extension cord from the receptacle before disconnecting
 the product from the extension cord.
- Do not use the appliance if a supply cord or important parts of the appliance are damaged, e.g. safety devices, high pressure hoses, trigger gun.
- · Inadequate extension cords can be dangerous.
- To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands.
- Do not abuse the cord. Never use the cord to carry the product or to disconnect the plug from an outlet. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
- Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil or grease.

5 PRESSURE WASHER SAFETY WARNINGS

- Do not direct the jet against yourself or others in order to clean clothes or footwear.
- High pressure jets can be dangerous if subject to misuse.
 The jet must not be directed at persons, animals, electrical devices, or the machine itself.
- To ensure appliance safety, use only original spare parts from the manufacturer or approved by the manufacturer.

- Use only recommended accessories. The use of improper accessories may cause risk of injury.
- When servicing use only identical replacement parts. Use
 of any other parts may create a hazard or cause product
 damage.
- Do not use product if switch does not turn it off. Have defective switches replaced by an authorized service centre
- Do not use the appliance if a supply cord or important parts of the appliance are damaged, e.g. safety devices, high pressure hoses, trigger gun.
- Use correct product. Don't force product or attachment to do a job it was not designed for. Don't use it for a purpose not intended
- Never leave product running unattended. Turn power off. Don't leave product until it comes to a complete stop.
- Keep the motor free of grass, leaves, or grease to reduce the chance of a fire hazard.
- Keep the motor away from flammables and other hazardous materials.
- Keep product dry, clean, and free from oil and grease.
 Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean product.
- Do not use acids, alkalines, solvents, flammable material, bleaches, or industrial grade solutions in this product.
 These products can cause physical injuries to the operator and irreversible damage to the machine.
- This Appliance has been designed for use with the cleaning agent supplied or recommended by the manufacturer. The use of other cleaning agents or chemicals may adversely affect the safety of the appliance.
- Check bolts and nuts for looseness before each use. A loose bolt or nut may cause serious motor problems.
- · ONLY use cold water.
- Make sure minimum clearance of 1 metre is maintained from combustible materials.
- Connect pressure washer only to an individual branch circuit.
- · Don't overtilt the unit.
- · Hold the gun and lance securely with both hands.
- Expect the gun to move when the trigger is pulled due to reaction forces. Failure to do so could cause loss of control and injury to yourself and others.
- Save these instructions. Refer to them frequently and use them to instruct other users. If you lend someone this product, lend them these instructions also.

▲ WARNING

High pressure hoses, fittings and couplings are important for the safety of the appliance. Use only hoses, fittings and couplings recommended by the manufacturer.

6 SYMBOLS ON THE PRODUCT

English

Some of the following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

	I
Symbol	Explanation
	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Do not expose the product to rain or moist conditions.
	Always wear safety goggles or safety glasses with side shields and, as nec- essary, a full face shield when operat- ing this product.
	To reduce the risk of injection or injury, never direct a water stream towards people or pets or place any body part in the stream. Leak ing hoses and fittings are also capable of causing injection injury. Do not hold hoses or fittings.
	To reduce the risk of injury from kickback, hold the spray lance se- curely with both hands when the ma- chine is on.
茅	Failure to use in dry conditions and to observe safe practices can result in electric shock.
	Fuel and its vapours are explosive and can cause severe burns or death.
	Warning! Never point the gun to human, animals, the machine body, power supply or any electric appliances.
5	Appliance not suitable for connection to the drinking water mains without backflow preventer.
%	Only use cleaning deck on flat, horizontal surfaces. Never lift cleaning deck from the cleaning surface while operating the pressure washer.
	Keep hands and feet away from the cleaning deck while the pressure washer is running.

7 RISK LEVELS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYM- BOL	SIGNAL	MEANING
\triangle	DANGER	Indicates an imminently haz- ardous situation,which, if not avoided, will result in death or serious injury.
\triangle	WARNING	Indicates a potentially hazard- ous situation, which, if not avoided, could result in death or serious injury.
\triangle	CAUTION	Indicates a potentially hazard- ous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

8 RECYCLE



Separate collection. You must not discard with usual household waste. If it is necessary to replace the machine, or if it is no more use to you, do not discard it with household waste. Make this machine available for separate collection.



Separate collection of used machine and packaging let you recycle materials and use them again. Use of the recycled materials helps prevent environmental pollution and decreases the requirements for raw materials.



At the end of their useful life, discard batteries with a precaution for our environment. The battery contains material that is dangerous to you and the environment. You must remove and discard these materials separately at a equipment that accepts lithium-ion batteries.

9 INSTALLATION

9.1 UNPACK THE MACHINE

WARNING

Make sure that you correctly assemble the machine before use.

▲ WARNING

- · If the parts are damaged, do not use the machine.
- If you do not have all the parts, do not operate the machine
- If the parts are damaged or missing, speak to the service center.
- 1. Open the package.
- 2. Read the documentation in the box.
- 3. Remove all the unassembled parts from the box.
- 4. Remove the machine from the box.
- Discard the box and package in compliance with local regulations.

9.2 INSTALL THE SPRAY WAND

Figure 2.

- 1. Push the end of the spray wand into the gun handle.
- Turn the spray wand clockwise until the tabs lock into position.

▲ WARNING

Make sure that the connection has no leakage.

9.3 INSTALL THE WATER INLET CONNECTOR

Figure 3.

- Install the water inlet connector onto the water inlet coupler.
- 2. Turn the water inlet connector clockwise until it is tight.

9.4 INSTALL THE UPPER HANDLE

Figure 4.

- 1 Move the handle into the slots
- 2. Put the screws into the holes.
- Tighten the screws with a phillips head screwdriver (not included).

9.5 INSTALL THE HIGH PRESSURE HOSE

Figure 5.

 Push one end of the high pressure hose into the inlet coupler.

i NOTE

Pull the spring button to release the high pressure hose.

Install and tighten the other end of the high pressure hose onto the water outlet coupler.

10 OPERATION

▲ WARNING

Make sure that all the connections are tight and have no leakage before operation.

10.1 CONNECT THE WATER SUPPLY TO THE MACHINE

For easy operation, please use a self-coiling garden hose (not provided).

▲ WARNING

When you operate the self-coiling hose, make sure that the hose has no blockage.

▲ WARNING

- · The water supply must come from the water main
- Do not use hot water
- Do not use water from ponds or lakes

▲ WARNING

Do the local regulations when you connect the garden hose to the water supply. Direct connection through a receiver tank or backflow preventer is usually permitted.

A CAUTION

Inspect the filter in the water inlet connector before you connect the garden hose

- If the filter is damaged, do not use the machine until the filter is replaced.
- · If the filter is dirty, clean the filter.

Figure 7.

- 1. Uncoil the garden hose.
- Let the water flow through the garden hose for 30 seconds
- 3. Turn the water supply off.
- Install and tighten the end of the garden hose to the water inlet connector.

▲ CAUTION

There must be a minimum of 3 m of free hose between the water inlet and the water supply.

10.2 USE THE GUN

Figure 2.

▲ WARNING

For safe control, keep your hands on the gun at all times.

Pull and hold the gun trigger to start the machine.

 Release the gun trigger to stop water flow through the nozzle.

10.2.1 UNLOCK THE GUN TRIGGER

· Push backward the trigger safety button.

10.2.2 LOCK THE GUN TRIGGER

· Push forward the trigger safety button.

10.3 INSTALL THE NOZZLE

Figure 6.

WARNING

Before you change the nozzle:

- 1. Pull the gun trigger to release water pressure.
- 2. Lock the trigger safety button on the gun.
- Stop the mahcine.

▲ WARNING

Do not point the spray wand at your face or others'.

- 1. Push and hold the lock button on the spray wand.
- Align the pin on the nozzle with the hole on the spray wand
- 3. Install the nozzle onto the spray wand.
- 4. Rotate the nozzle to adjust the spray shape.

10.4 INSTALL THE DETERGENT TANK

Figure 8.

WARNING

Do not use household detergents, acids, alkalines, bleaches, solvents, flammable material, or industrial grade solutions, which can do damage to the pump.

▲ WARNING

Do the instructions on the solution bottle to prepare detergent.

i NOTE

If it is necessary, use a funnel to prevent the spill of detergent. Clean and dry the spilled detergent when you fill it.

- 1. Put the detergent into the detergent tank.
- 2. Push and hold the lock button on the spray wand.
- 3. Install the detergent tank onto the spray wand.

i NOTE

Do not let detergent dry on the surface to prevent streaks.

10.5 START THE MACHINE

Figure 9.

▲ CAUTION

Do not operate without the water supply connected.

▲ CAUTION

Before you start the machine:

- 1. Turn the water supply on.
- 2. Pull the gun trigger to release air pressure.
- If a stable stream of water comes out from the gun, release the gun trigger.
- 1. Connect the machine to the power supply.
- 2. Set the power switch to the "ON" (|) position.
- 3. Turn the water supply on.
- 4. Pull the gun trigger.

10.6 STOP THE MACHINE

- 1. Release the gun trigger.
- 2. Set the power switch to the "OFF" (O) position.

▲ WARNING

If you do not use the machine:

- Stop the machine.
- Turn the water supply off.
- · Disconnect the power cord from the outlet.
- Pull the gun trigger to release the remaining pressure from the machine.
- · Lock the trigger safety button.

11 MAINTENANCE

▲ WARNING

Before maintenance, make sure that you

- · stop the machine.
- · wait until all the moving parts stop.
- · disconnect the plug from the power source.

WARNING

Do not use strong solvents or detergents on the plastic housing or components.

▲ WARNING

Do not let brake fluids, gasoline, petroleum-based materials touch the plastic parts. Chemicals can cause damage to the plastic, and make the plastic unserviceable.

▲ WARNING

Replace the power cord by an approved service center.

11.1 NOZZLE MAINTENANCE

Figure 6.

If there is too much pump pressure, the nozzle can become clogged, you can feel a pulsing sensation while you pull the gun trigger.

11.1.1 REMOVE THE NOZZLE

- 1. Push and hold the lock button on the spray wand.
- 2. Remove the nozzle from the spary wand.

11.1.2 CLEAN THE NOZZLE

- Use a straight paper clip or cleaning tool to clean the spray tip.
- 2. Flush and clean the unwanted materials out of the nozzle with the garden hose.
- 3. Install the clean nozzle to the spray wand.

12 TRANSPORTATION AND STORAGE

▲ WARNING

Disconnect the power cord before transportation and storage.

12.1 MOVE THE MACHINE

- · Point the spray wand in a safe direction.
- Only hold the machine with the handgrip.

12.2 STORE THE MACHINE

▲ WARNING

Make sure that the gun, the high pressure hose and the pump are dry.

▲ WARNING

Make sure that children cannot come near the machine.

i NOTE

Use a recommended pump protector to prevent cold weather damage during storage in winter.

- · Disconnect the garden hose from machine.
- · Wind the high pressure hose.
- Clean housing and the plastic components with a moist and soft cloth.
- Make sure that the machine does not have loose or damaged parts. If it is necessary, do these steps/ instructions:
 - · replace the damaged parts.
 - · tighten the bolts.
 - · speak to a person of an approved service center.
- Store the machine in a dry, isolated and frost-free area.

13 TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
The motor does not start.	The power switch is off.	Set the power switch to the "ON" () position.
	You do not plug the power cord.	Connect the power cord to the power supply.
	Electrical outlet does not supply sufficient power.	Try another electrical outlet.
	The circuit breaker is tripped.	Let it cool, and start the machine again.
	The power switch is on, but you do not pull the gun trigger.	Pull the gun trigger.
The machine does not get high pressure.	The diameter of garden hose is too small.	Replace with a 1" (25 mm) or 5/8" (16 mm) garden hose.
	The garden hose is blocked.	Make sure that the garden hose is free from blockage.
	The water supply is not sufficient.	Open the water suppy fully.
	You do not install the nozzle onto the spray wand.	Install the nozzle onto the spray wand.
	The water intake filter is blocked.	Remove the filter and make it clean in warm water.

	1	
PROBLEM	POSSIBLE CAUSE	SOLUTION
	The water supply is not sufficient.	Open water suppy fully. Make sure the garden hose is free from block- age.
	The pump absorbs air.	Make sure that the hoses and fittings have no problem.
		Turn the ma- chine off.
The output pressure varies high and low.		3. Pull the gun trigger until a stable flow of water comes out through the nozzle.
	The water intake filter is clogged.	Remove the filter and clean it in warm water.
	The supply voltage is low.	Make sure that on- ly the pressure washer operates on the circuit.
	The gun, hose or nozzle are calcified.	Operate distilled vinegar through detergent tank.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The motor buzzes, but you can not start the machine.	The supply voltage is low.	Make sure that on- ly the pressure washer operates on the circuit.
	The system has remaining pressure.	Stop the machine. Pull the gun trigger on spray wand to release pressure Start the machine.
	The voltage decreases across extension cord.	Disconnect the extension cord, and connect the machine directly into the outlet.
	You do not use the machine for a long time.	Speak to a person of an approved service center.
	There is remaining friction in components. You can hear a hum.	Disconnect the water supply. Turn the machine on for 2 or 3 seconds. Repeat the above step for several times.
There is no water.	The water supply is off.	Turn the water supply on.
	The garden hose is blocked.	Make sure that the garden hose is free from blockage.

14 TECHNICAL DATA

Model No.	G30
Rated Voltage	220-240 V~50 Hz
Rated Pressure	8.8 MPa
Permissible Pressure	12 MPa
Power Rating	1500 W
Rated Water Flow	5.7 l/min
Maximum Water Flow	8 l/min
Maximum Water Inlet Pressure	0.7 MPa
Maximum Water Inlet Temperature	40 °C

Measured sound pressure level	L _{pA} = 80 dB(A), K _{pA} = 3 dB(A)
Measured sound power level	L _{wA} = 87.8 dB(A)
Guaranteed sound power level	L _{wA.d} = 91 dB(A)
Vibration	$< 2.5 \text{ m/s}^2$, K = 1.5 m/s ²
Protection Degree	IPX 5
	Double-insulated construction.

15 WARRANTY

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

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).

16 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: Pressure washer Model: G30 (PWA110)

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:
 - 2006/42/EC
 - 2014/30/EU
 - 2000//14/EC & 2005/88/EC
 - · 2011/65/EU & (EU)2015/863

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

EN 60335-1; EN 60335-2-79; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-3; EN 61000-3-2; EN ISO 3744; ISO 11094; IEC 62321-3-1; IEC 62321-4; IEC 62321-6; IEC 62321-6; IEC 62321-7-1; IEC 62321-7-2; IEC 62321-8

Conformity assessment method to Annex V/ Directive 2000/14/EC

 $\label{eq:LWA: 87.8 dB(A)} \begin{tabular}{ll} L_{WA}: 87.8 dB(A) \\ $Guaranteed sound power level: & $L_{WA,d}: 91 dB(A) \\ \end{tabular}$

Place, date: Malmö, Signature: Ted Qu, Quality 05.05.2020 Director

Ted au