

SOVEREIGN

Hand Push Cylinder Mower



GT5614 **OPERATING INSTRUCTIONS**

Sep 2014 Rev A

ORIGINAL INSTRUCTIONS

INTRODUCTION

Thank you for purchasing a Hand Push Cylinder Mower .

We would you like to be completely satisfied with your new product and hope you will enjoy using this tool for many years.

Your Hand Push Cylinder mower has been designed for cutting grass and similar soft vegetation in private and hobby garden areas.

The device is not allowed to be used in public gardens, parks, sports centres or at roadsides as well as agriculture and forestry.

Caution: Carefully read this entire Instruction Manual before using this product.

We are confident that this product will meet and exceed your expectations of quality and reliability. Please take the time to carefully read this entire instruction manual before using your new product, and take note of the basic safety precautions contained herein.

SYMBOLS

The rating plate on your tool may show symbols. These represent important information about the product or instruction on its use.



Read instruction manual before operating or attempting any maintenance work.



Indicates danger, warning, or caution.



Do not run the machine over objects. They can be thrown and cause severe injury.



Keep bystanders, especially children and pets, at a distance of greater than 10m.



Do not put your hands near the rotating blades.



Avoid injury, do not place hands or feet near the rotating blade.

SAFETY INSTRUCTIONS



WARNING!

Before using the mower, read following instruction carefully.

1. TRAINING

- Never allow children or people unfamiliar with these instructions to use the mower. Local regulation can restrict the age of the operator
- Never mow while people, especially children, or pets are nearby.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

2. PREPARATION

- While mowing, always wear substantial footwear and long trousers. Do not operate the mower when barefoot or wearing open sandals.
- Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown by the machine.
- Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.

3. OPERATION

- Mow only in daylight or in good artificial light.
- Always be sure of your footing on the slopes.
- Walk, never run.
- Exercise extreme caution when changing direction on slopes.
- Do not mow excessively steep slopes.
- Use extreme caution when reversing or pulling the mower towards you.
- Stop the blades if the mower has to be tilted for transportation when crossing surfaces other than grass, and when transporting the mower to and from the area to be mowed.
- Never operate the mower with defective guards, or without safety devices, for example deflectors and/or grass catchers, in place.

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- i) Do not put hands or feet near rotating parts while the mower is being operated.

4. MAINTENANCE

- a) Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
- b) Check the grass catcher frequently for wear or deterioration.
- c) Replace worn or damaged parts for safety.
- d) Be careful during adjustment of the mower to prevent entrapment of the fingers between moving blades and fixed parts of the mower.
Caution-Do not touch rotating blade.

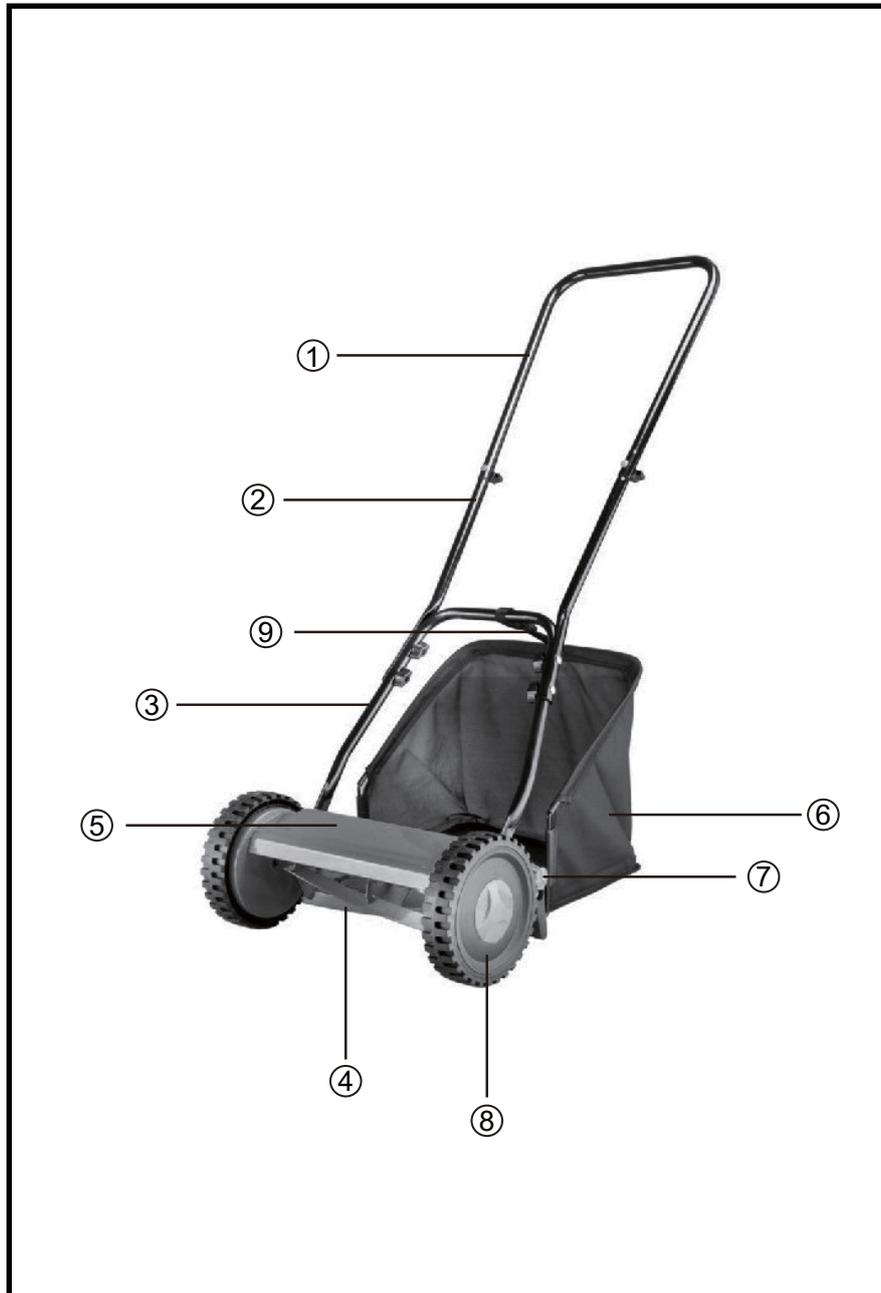
5. WORK AREA SAFETY

- a) **Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
- b) **Keep children and bystanders away while operating the mower.**
Distractions can cause you to lose control.

6. PERSONAL SAFETY

- a) **Stay alert, watch what you are doing and use common sense when operating the tools. Do not use this mower while you are tired or under the influence of drugs, alcohol or medication.**
A moment of inattention while operating this mower may result in serious personal injury.
- b) **Use personal protective equipment.**
Always wear eye protection and non-skid safety shoes.
- c) **Do not overreach.** Keep proper footing and balance at all times.
This enables better control of the mower in unexpected situations.
- d) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.**
Loose clothes, jewellery or long hair can be caught in moving parts.

ORIGINAL INSTRUCTIONS



ORIGINAL INSTRUCTIONS

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- 1. Upper handle**

 - 2. Handle extensions**

 - 3. Lower handle**

 - 4. Cylinder blade**

 - 5. Mower body**

 - 6. Grass collecting box**

 - 7. Cutting height adjustment knob**

 - 8. Wheels**

 - 9. Grass collecting box support strap**
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7. USE AND CARE

- a) **Do not force the machine. Use the correct machine for your application.**

The correct machine will do the job better and safer at the rate for which it was designed.

- b) **Do not use the machine if any parts of the machine is damaged or broken.**

Any machine that is damaged or broken is dangerous and must be repaired.

- c) **Store idle machine out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine.**

This machine is dangerous in the hands of untrained users.

- d) **Maintain the machine. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use.** Many accidents are caused by poorly maintained machine.

- e) **Keep cylinder blades sharp and clean.** Properly maintained cutting blades with sharp cutting edges are less likely to bind and are easier to control.

Slide the upper handle over the two handle extensions until the holes are lined up, then secure using the nuts and screws provided. (See Fig.A)



Align the two holes on one of the handle extensions with those on the lower handle. Secure them together using the nuts and screws provided. Repeat the process with the other handle extension. (See Fig.B1,B2 & B3)



OPERATION INSTRUCTION



Note: Before using the tool, read the instruction book carefully.

FITTING THE HANDLE

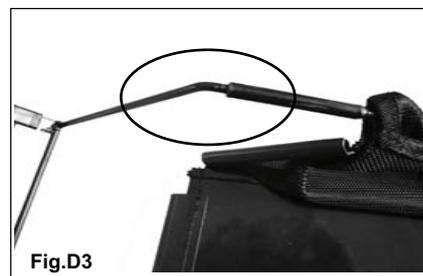
ORIGINAL INSTRUCTIONS



Insert the metal frames into the plastic holes
(See Fig.D2, D3 & D4)



Now the handle is fully assembled, and ready to be attached to the mower head.
To attach the handle to the mower head, locate the two metal lugs found forward of the cutting bar adjustment knobs. To attach the handle, insert one of the large holes in the handle arm over the lug, then repeat the same process with the other side. It may be required to use some force to squeeze the two arms together to allow room for locating the second arm over the remaining metal lug.



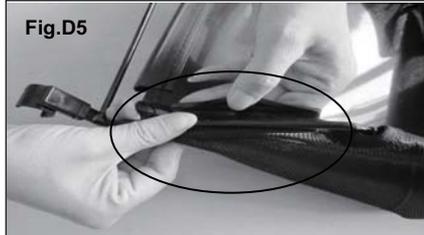
ASSEMBLE THE GRASS COLLECTION BOX

The grass collection box need to be assembled well before use (See Fig.D1).



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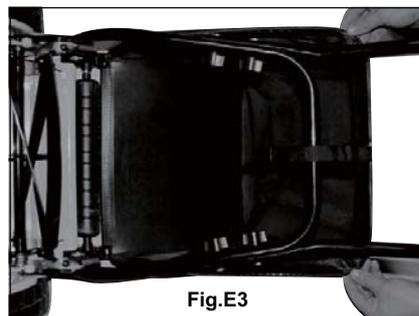
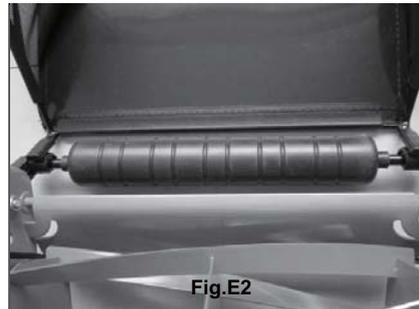
Wrap the metal frames by the plastic hems (See Fig.D5, D6 & D7)



FITTING THE GRASS COLLECTION BOX

WARNING!

The grass collection box must be fitted before using the mower. Attach the box to the lawn mower body by sliding the holes in them front of the box over the attachment hooks in front of the cutting height roller, also fit the grass box support strap such that the rear of the box is clear of the ground in normal use. (See Fig.E1, E2 & E3)

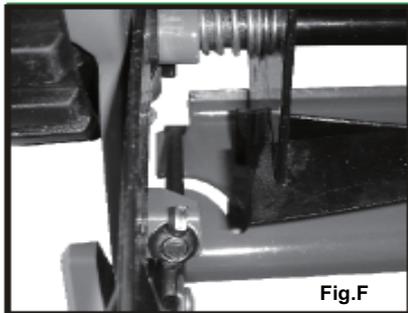


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FIXED BLADE SETTING

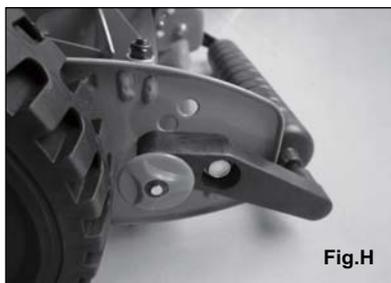
Caution:

This operation will have to be done whilst carefully turning the cylinder blade. We strongly recommend that thick gardening gloves are worn. The fixed blade must be set correctly in order for the lawnmower to work efficiently. Carefully tighten the two adjusting knobs by turning them slowly in the clockwise direction. When the cylinder blade just makes contact with the fixed blade turn the rotating knobs slightly in an anticlockwise direction until the rotating blade turns without touching the fixed blade.(See Fig.F)

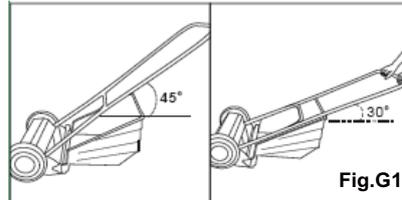


ADJUSTING THE CUTTING HEIGHT

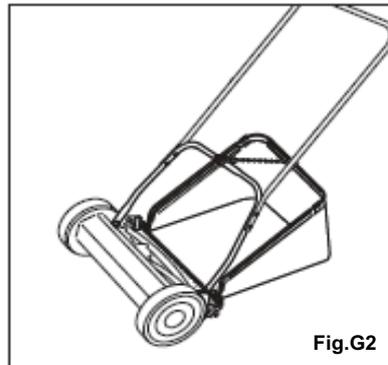
Depending on the length of grass you are cutting you may want to adjust the cutting height of the lawnmower. This can be done by raising or lowering the cutting height roller. To adjust the cutting height, pull the cutting height adjustment knobs on both sides away from the mower body, and then move them forward or backward to adjust the cutting height. Make sure knobs are in the same height at both sides.



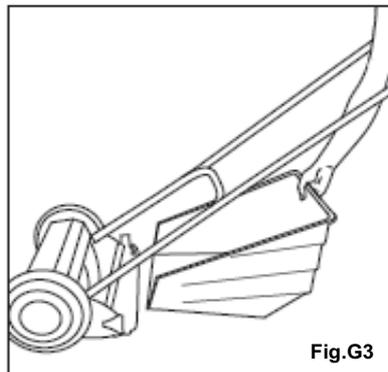
EMPTYING THE GRASS COLLECTING BOX



Unhook the support strap from the box and tilt the mower handle back.(See Fig.G1)



Lift the handle a little, then take out the box.(See Fig.G2)



Refit the box and support strap. Unhook the support strap from the box and tilt the mower handle back Lift the handle a little, then take out the box.(See Fig.G3)

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MAINTENANCE

Note: To ensure long and reliable service carry out the following maintenance regularly. Regularly check for obvious defects such as loose, dislodged blades, loose fixings, and worn or damaged components. Check that covers and guards are undamaged and correctly fitted.

Carry out necessary maintenance or repairs before using. If the lawnmower should happen to fail despite the care taken in manufacture and testing, repair should be carried out by an authorized service agent.

After mowing/storage clean the exterior of the machine thoroughly using a soft brush and cloth. Do not use water, solvents or polishes.

Store the lawnmower in a dry place. Do not place other objects on top of the machine.

TECHINICAL DATA

Model No.	GT5614
Grass collecting box	23 litres
Cutting width	30cm
Variable cutting heights	18-38mm 4pos
Weight	6.3kg

SHARPENING THE BLADE

Before taking the time and effort to sharpen the blades, make sure that it needs sharpening. Most of all issues can be solved by ensuring the blades are properly adjusted (ADJUSTMENTS section).

1. Prop up the push reel mower so that the blade reel can be rotated by turning the wheels.
2. Check the blades for nicks and burrs. If any damage is found, it usually can be removed by holding a file flat against the blade and pushing away from the edge.
3. Examine the cutting bar. It should just meet the blades along their entire length. (To make sure the cutting bar is located correctly, grasp a wheel and turn it forward; you should hear a whispery sound as the blades pass the cutting bar).
4. If the bar is out of alignment, adjust using the adjustment knobs on the ends of the bar (ADJUSTMENTS section).
5. Using your fingers or a soft paintbrush, cover the blades with a thin, even coat of automotive valve-grinding compound (available at automotive stores).
6. Grasp a wheel and turn it slowly backward so the grinding compound is squeezed between the blades and the cutting bar, thereby sharpening both cutting edges as they pass each other. Be sure that each blade touches the bar as the wheel is rotated.
7. Make about a dozen turns, applying more grinding compound when necessary.

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8. Examine the blade edges. If they look sharp, wash off all the valve compound with soapy water and rinse thoroughly.

9. Test for sharpness. Insert a sheet of newspaper between the blades and the cutting bar, and rotate the reel forward. When the blades cut the paper as easily and as cleanly as a sharp pair of scissors would, the task is complete.

Note: After each use, hose the mower clean and wipe it dry. Wipe all the metal parts with a thin film of WD-40 or mineral oil.

GUARANTEE

This product is selected for DOMESTIC USE ONLY and not for business use. This product is guaranteed against manufacturing defects for a period of 12 months. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use. In the event of a problem with the product within the guarantee period please return it to your nearest store. If the item is shown to have an inherent defect present at the time of sale, the store will provide you with a replacement. Your statutory rights remain unaffected.