



## **Petrol Hedge Trimmer - PHT8462**



**IMPORTANT:**

Read these instructions carefully and be sure you understand them. There is a risk of serious personal injury if you do not follow the instructions included in this manual.

**Retain these instructions for future use.**

## SAFETY PRECAUTIONS

Do not rely exclusively on the safety devices built into your machine. As a HedgeTrimmer user you are responsible for all cutting jobs to be free from accident or injury.

### 1. Before using the machine

- NEVER use this HedgeTrimmer if you are tired, ill or under the influence of drink or drugs. Be aware that using a HedgeTrimmer is physically demanding and should you be suffering from any condition that could be aggravated by this, you should consult a doctor before use.
- NEVER allow children or anyone unable to fully understand the directions given in this manual to use this HedgeTrimmer.
- DO NOT cut near overhead power cables or buildings.
- DO NOT work in adverse weather conditions, i.e. strong winds, rain or snow.
- DO NOT run the engine indoors. The exhaust contains gases that can kill.
- ALWAYS use the HedgeTrimmer in a well-lit and well-ventilated area.

### 2. Working gear and clothing

When using the HedgeTrimmer, you should wear protective clothing as follows: practical clothing, thick work gloves, helmet, steel capped work boots with non-slip soles, protection goggles or face protector and ear defenders. Tie back long hair and avoid wearing loose garments or jewellery as they could catch in moving parts.

### 3. Handling of fuel

- The engine of this HedgeTrimmer is designed to run on Petrol: Oil fuel mix. Due to the highly flammable nature of Petrol, never store cans of fuel or refill the fuel tank in any place where there is a boiler, stove, wood fire, electrical sparks, welding sparks, or any other source of heat or fire that might ignite the fuel.
- Do not smoke whilst operating the HedgeTrimmer or refilling its fuel tank.
- Always allow the engine to cool before refuelling.
- Always mix fuel and refill outdoors on clear ground.
- If any fuel spillage occurs during refuelling, use a dry rag to wipe up spills before turning the engine back on again. Change your clothes if you get fuel on yourself.
- After refuelling, screw the fuel cap back tightly on to the fuel tank and then carry the Hedge Trimmer to a spot 3m or more away from where it was refuelled before turning on the engine.

If it is subsequently found that the repair / adjustment is outside the terms of the Warranty, then HSS will call you direct and offer you a quotation. If you accept the quote, HSS will complete the work and call you direct when the work is completed.

**NOTE:** The following faults WILL NOT be accepted as Warranty

- Sharpening or replacing worn or damaged blades or cutter heads
- Cleaning carburettors, spark plugs or filters
- Adjusting or lubricating cables, drive belts, recoil starters
- Failure as a result of misuse or abuse
- Failure as a result of contaminated or incorrect fuel
- Failure as a result of incorrect fuel mixture
- Failure as a result of impact
- Failure due to lack of routine maintenance
- Failure as a result of vibration
- Failure as a result of not using the equipment in accordance with the manufacturers Operator Manual

In addition to the Warranty Program, HSS can also offer Machine Servicing. Please contact your local branch for more details.

**IMPORTANT:** Should it be necessary to return the machine to your store, please ensure all fuel and oil have been drained away. Due to Health & Safety issues, the store is not allowed to receive machine returns with any flammable liquids in their tanks. We are sure that you can understand this important requirement.

If faults cannot be remedied, contact the Helpline on 020 83916767  
Helpline@hilka.co.uk

#### GUARANTEE

This product is guaranteed for domestic use for a period of 12 months against faulty manufacture or materials. This guarantee does not affect the statutory rights of the consumer. If in the event of any problem occurring please contact our Helpline at the number above for advice. This product is not guaranteed for HIRE purpose.

**LANDXCAPETOOLS (UK) LTD.**

1 ROEBUCK PLACE, ROEBUCK ROAD, CHESSINGTON, SURREY KT9 1EU

Issue1 J.W. 10/2004

**22cc Hedge Trimmer**

**PHT8462**

## TROUBLESHOOTING

Should you experience any problems with your Hedge Trimmer, please check the following;

<b>Trouble</b>	<b>Cause</b>	<b>Remedy</b>
Engine will not start or will only run briefly.	<ol style="list-style-type: none"> <li>1. Ignition switch stop</li> <li>2. Engine flooded</li> <li>3. Fuel tank empty</li> <li>4. Spark plug not firing</li> <li>5. Fuel not reaching carburettor</li> </ol>	<ol style="list-style-type: none"> <li>1. Move ignition switch to 'start'.</li> <li>2. Remove and dry spark plug.</li> <li>3. Fill with correct fuel mixture.</li> <li>4. Install new spark plug.</li> <li>5. Check for dirty fuel filter and replace. Check for kinked or split fuel line.</li> </ol>
Engine will not idle properly	<ol style="list-style-type: none"> <li>1. Idle speed requires adjustment</li> </ol>	<ol style="list-style-type: none"> <li>1. Readjust speed needles</li> </ol>
Engine will not accelerate, lacks power or dies under load.	<ol style="list-style-type: none"> <li>1. Air filter dirty</li> <li>2. Spark plug fouled</li> <li>3. Carburettor requires adjustment</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean or replace filter.</li> <li>2. Clean or replace plug.</li> <li>3. Contact Service Agents</li> </ol>
Engine smokes excessively	<ol style="list-style-type: none"> <li>1. Incorrect mixture: Too much oil</li> </ol>	<ol style="list-style-type: none"> <li>1. Empty fuel tank and refill with correct mixture.</li> </ol>
Blade moves at idle speed	<ol style="list-style-type: none"> <li>1. Idle speed requires adjustment</li> <li>2. Clutch requires repair.</li> </ol>	<ol style="list-style-type: none"> <li>1. Refer to carburettor adjustment section</li> <li>2. Contact Service Agents</li> </ol>

## WARRANTY PROVISION

Should an operating fault occur, and the Trouble Shooting Guide couldn't help fix the problem, there are two options;

### Option 1: Contact the Helpline

The Helpline operates between the hours of 09:00 17:00, Monday to Friday  
Number is 0208 391 6767 or Helpline@hilka.co.uk  
Our Helpline staff will recommend a course of action.

### Option 2: Contact your local HSS Shop or Agent

The number of your local branch can usually be found in the Telephone Directory or Internet. Web Site: <http://www.hss.co.uk>  
HSS are the Service Agents for our range of Petrol Gardening Machines.

Should a problem be identified as a Warranty problem (within 12 months of purchase), and the machine requires some repair or adjustment, all you have to do is take the unit to the HSS Store and they will do the rest. Once the fault has been remedied, HSS will call you directly to arrange for you to collect the machine. Typically, this will take no more than 2 weeks.

## Safety Instructions



**Wear Safety Glasses/Goggles**



**Wear Ear Defenders**



**Wear Gloves/ Protective Equipment**



**Wear Work Boots.**



**Keep people away**



**Do not take medicine before use.**



**Do not use in wet!**



**You must wear work clothes.**



**Do not over reach!**



**Read Instruction Book**

## Quick User Guide

This quick guide is for experienced users of this product. Please refer to the other sections of this manual for further details as required.

1. Mix petrol/ 2 stroke oil according 25:1 ratio.
2. Add the fuel to the fuel tank.
3. Press the primer bulb 6 times.
4. Set the choke lever to the fully closed position.
5. Set the stop switch to the "I" position, then place toe in the handle and adopt the start posture.
6. Pull starter cord briskly until engine run but no more than 5 pulls.
7. Hold the throttle trigger and throttle trigger lock-out to expedite or throttle.
8. To stop it release trigger, then relax handle switch or set the stop switch to "O" position.

## B. Vertical Cutting

1. Vertical Cutting is best used for the side trimming of shrubs, bushes and hedges.
2. Always make cuts from the bottom upwards.

## SERVICE AND MAINTENANCE

Leave all maintenance, other than the items listed in this Manual, to your servicing dealer.

**WARNING:** Metal parts reach high temperatures. Do not touch.

Before cleaning, inspecting or repairing your HedgeTrimmer, make sure that the engine has stopped and it is cool.

### A. Maintenance Schedule

#### Check:

Fuel mixture level	before each use
Blade lubrication	before each use
Blade sharpness	before each use
	It is very important for smooth and safe operation.
For damaged / loose parts	before each use
For loose caps	before each use
For loose fasteners	before each use

#### Inspect and clean:

Complete Unit	after each use
Air filter	every 5 hours
Spark arresting screen and Muffler	every 25 hours

#### User servicing:

Replace spark plug	yearly
Replace fuel filter	six monthly

## B. STORAGE

Before the HedgeTrimmer can be stored, all fuel must be drained from the HedgeTrimmer. Start the engine and allow it to run until it stops. Failure to empty the PetrolTank will lead to problems with Petrol: Oil separation and possible fuel contamination issues with condensation/ water etc..

Stop the engine and allow the HedgeTrimmer to cool down.

Ensure that the HedgeTrimmer is cleaned before being stored. The use of a mild detergent on plastic surfaces is recommended.

For storage purposes the HedgeTrimmer must be kept in a secure area, where fuel vapour cannot create an explosion hazard.

Store the HedgeTrimmer with all guards in place, this will ensure that no sharp edges are left exposed.

Store the HedgeTrimmer in a cool dry area, out of reach of children.

C. Stopping Engine

Release the handle switch.  
Switch Ignition to O (STOP) position.(Fig.2)

OPERATION

**CAUTION:** If this is the first time you have used a Petrol Hedge Trimmer, we recommend the following tips. This also helps you to get accustomed to your Hedge Trimmer. It is not necessary to force the blade, only light pressure is required while the engine is running at full speed.

Always hold the machine firmly with both hands when the engine is running. Use a firm grip with thumb and fingers encircling the handles.

Keep all parts of your body away from the machine when the engine is running.

Make sure that the blade stops moving when the throttle control trigger is released.

Keep the handles dry, clean and free of oil or fuel mixture.

DO NOT touch the muffler, spark plug or other metallic parts of the engine whilst the engine is in operation, or immediately after stopping the engine. Doing so could result in serious burns.

Use extreme caution when cutting small size brush and saplings because slender material may catch the blade and be whipped toward you or pull you off balance.

Always shut off the engine before setting the unit down.

DO NOT operate with one hand as this could result in serious injury. This machine is intended for use with two hands only.

It is strongly recommended that you do not use the Hedge Trimmer whilst on a ladder or in a tree.

When not using the unit, always fit the Blade cover and carry the saw with the muffler facing away from your body, and the covered blade facing the rear.

DO NOT leave the unit running and unattended. Always switch off when not in use and refit the Blade cover.

Only use original parts.

The Hedge Trimmer must only be used for cutting wood. DO NOT cut metal, plastics, masonry etc..

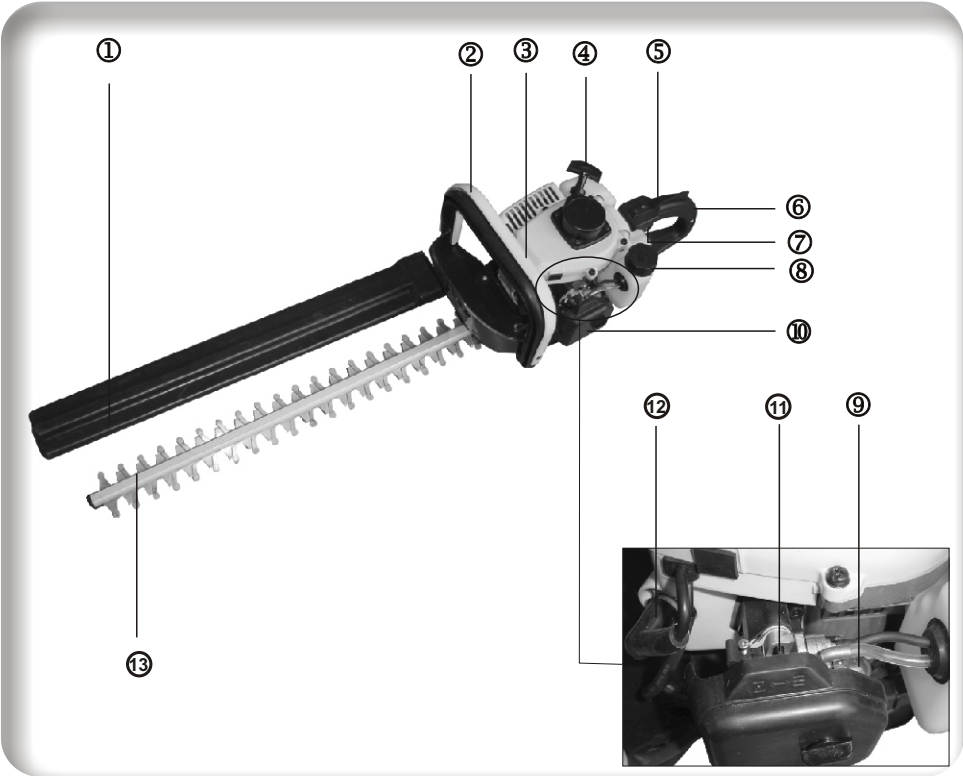
Do not use the Hedge Trimmer as a lever for lifting, moving or splitting objects.

Stop the unit if the blade strikes a foreign object during use.

A. Horizontal Cutting

- 1. Horizontal Cutting is best used to straighten the tops of shrubs, bushes and hedges.
- 2. Always make cuts from right to left.

KNOW YOUR MACHINE



A. IDENTIFICATION OF PARTS

1. Protective sheath	8. Fuel cap
2. Hand switch	9. Primer bulb
3. Starter cord	10. Air filter
4. START/STOP switch	11. Choke lever
5. Throttle trigger lock-out	12. Spark plug
6. Handle	13. Cutter blades
7. Throttle trigger	



## B. TECHNICAL DATA

Engine displacement:	22cc
Maximum engine power:	600W
Number of idle reciprocating motion of blade:	1200/min
Length of blade	600mm
Blade spacing:	20mm
Weight:	4.5Kg

## C. NOISE AND VIBRATIONS DATA

Vibrations:	10.3m/s <sup>2</sup>
Sound pressure level:	79.35db(A)
Sound power level:	106db(A)

## PREPARATION FOR USE

### Fuel

**WARNING:** DO NOT use a motor oil for 4 stroke engines.

1. Mix the petrol with a quality proven motor oil for air-cooled 2 stroke engines.
2. Recommended mixing ratio:  
Petrol: Oil  
25 : 1
3. Use the fuel mixing container to mix the fuel. Please refer to the following notes:
  - Make sure that the mixing ratio and the required capacity are correct.
  - Add the 2 stroke oil in to the container through port of the smaller side. After the oil level meets the required graduation, then tighten the cap.
  - Add the regular petrol through the port of the larger side. When the petrol graduation corresponds to that of the oil, then tighten the cap.
  - Shake well to ensure that the oil and petrol are well mixed before use.
  - Mix and store fuel only in an approved Petrol container.
  - Keep the fuel/oil container clean.

## OPERATING THE ENGINE

### A. Before starting engine

1. Check working place, the cutting object and cutting direction before starting work. If there is an obstacle, remove it. Always have a planned retreat path, that is clear from obstacles, from the cutting area.

2. Use caution and keep bystanders and animals out of the working area.

3. Inspect the machine for worn, loose, or damaged parts. Never operate the machine if it is damaged, improperly adjusted, or is not completely and securely assembled. Make sure the Blade and Guard are not damaged and that there are no visible defects such as cracks, splits, etc

### B. Starting engine

#### For cold engine

1. Set Switch to 'I' (START) position. (Fig.2)
2. Move the choke lever to the full choke position .
3. Push primer bulb until fuel is just seen in the bulb (approx. 5 times.) (Fig.1)
4. Grasp the handle switch with your left hand, place toe in handle. (Fig.4)
5. Pull the rope briskly. The engine will run. Then return the choke lever down to the OFF position. Allow engine to run at idling speed.

#### Note:

1. If the engine has not start after 6 pulls, return the choke lever to the half choke or no choke position. Pull the starter quickly until the engine runs.
2. When pulling the starter, do not use the full extent of the rope. Use no more than 50cm of rope per pull. Do not let starter rope snap back. Hold the handle and let the rope rewind slowly.
3. Do not cut material with the choke lever at the FULL CHOKE position. (Fig.3)

#### For warm engine, after running out of fuel.

1. Set switch to the 'I' (START) position.
2. Grasp the handle switch.
3. Pull the starter rope quickly until the engine runs.

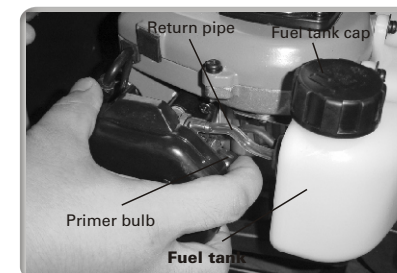


Fig.1

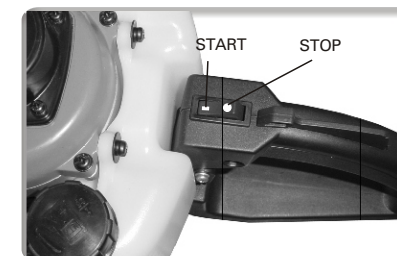


Fig.2



Fig.3



Fig.4