

129C 129L 129LK

GB Operator's manual 2-24
SE Bruksanvisning 25-47
DK Brugsanvisning 48-70
NO Bruksanvisning 71-93
FI Käyttöohje 94-116
DE Bedienungsanweisung 117-139
FR Manuel d'utilisation 140-163
NL Gebruiksaanwijzing 164-186
ES Manual de instrucciones 187-209
PT Instruções para o uso 210-232
IT Istruzioni per l'uso 233-255
EE Käsitsemisõpetus 256-278
LV Lietošanas pamācība 279-301
LT Naudojimosi instrukcijos 302-324
SI Navodila za uporabo 325-347

HU Használati utasítás 348-370
PL Instrukcja obsługi 371-393
CZ Návod k použití 394-416
SK Návod na obsluhu 417-439
HR Priručnik 440-462
RS Priručnik 463-485
BA Uputstvo o upotrebi 486-508
RO Instrucțiuni de utilizare 509-531
TR Kullanım kılavuzu 532-553
RU Руководство по эксплуатации 554-578
UA Посібник користувача 579-602
BG Ръководство за експлоатация 603-627
GR Οδηγίες χρήσεως 628-651



(A05328CCHV)

(A05328CSHV)

EAC

KEY TO SYMBOLS

Symbols on the machine and/or in the manual:

WARNING! Clearing saws, brushcutters and trimmers can be dangerous! Careless or incorrect use can result in serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of the operator's manual.



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



Always wear:

Wear a protective helmet where there is a risk of falling objects

- Approved hearing protection
- Approved eye protection



Max. speed of output shaft, rpm



This product is in accordance with applicable EC directives.



Watch out for thrown objects and ricochets. (129L, 129LK)



Watch out for thrown objects and ricochets. (129C)



The operator of the machine must ensure, while working, that no persons or animals come closer than 15 meters.



Always wear approved protective gloves.



Wear sturdy, non-slip boots.



Only use non-metallic, flexible cutting attachments, i.e. trimmer heads with trimmer cord.



Arrows which show limits for handle positioning.



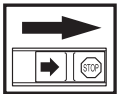
Noise emission to the environment according to the European Community's Directive. The machine's emission is specified in the Technical data chapter and on the label.



Other symbols/decals on the machine refer to special certification requirements for certain markets.

The engine is switched off by moving the stop switch to the stop position.

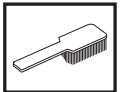
CAUTION! The stop switch automatically returns to the start position. In order to prevent unintentional starting, the spark plug cap must be removed from the spark plug when assembling, checking and/or performing maintenance.



Always wear approved protective gloves.



Regular cleaning is required.



Visual check.



CONTENTS

Contents

KEY TO SYMBOLS

Symbols on the machine and/or in the manual: ... 2

CONTENTS

Contents 3

Note the following before starting: 3

INTRODUCTION

Dear Customer, 4

WHAT IS WHAT?

What is what on the grass trimmer? 5

GENERAL SAFETY PRECAUTIONS

Important 6

Personal protective equipment 6

Machine's safety equipment 7

Cutting equipment 9

ASSEMBLY

Fitting the loop handle 10

Assembling and dismantling the two-piece shaft 10

Assembling the cutting equipment 11

Fitting the trimmer guard and trimmer head 11

Fitting the trimmer guard and trimmer head 11

FUEL HANDLING

Fuel safety 12

Fuel 12

Fueling 13

STARTING AND STOPPING

Check before starting 14

Starting and stopping 14

WORKING TECHNIQUES

General working instructions 16

MAINTENANCE

Carburettor 18

Muffler 18

Cooling system 19

Spark plug 19

Two-piece shaft 19

Air filter 20

Maintenance schedule 21

TECHNICAL DATA

Technical data 22

EC Declaration of Conformity 24

Note the following before starting:

Please read the operator's manual carefully.



WARNING! Long-term exposure to noise can result in permanent hearing impairment. So always use approved hearing protection.



WARNING! Under no circumstances may the design of the machine be modified without the permission of the manufacturer. Always use original accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others.



WARNING! A clearing saw, brushcutter or trimmer can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this operator's manual.

INTRODUCTION

Dear Customer,

Congratulations on your choice to buy a Husqvarna product! Husqvarna is based on a tradition that dates back to 1689, when the Swedish King Karl XI ordered the construction of a factory on the banks of the Husqvarna River, for production of muskets. The location was logical, since water power was harnessed from the Husqvarna River to create the water-powered plant. During the more than 300 years in existence, the Husqvarna factory has produced a lot of different products, from wood stoves to modern kitchen appliances, sewing machines, bicycles, motorcycles etc. In 1956, the first motor driven lawn mowers appeared, followed by chain saws in 1959, and it is within this area Husqvarna is working today.

Today Husqvarna is one of the leading manufacturers in the world of forest and garden products, with quality as our highest priority. The business concept is to develop, manufacture and market motor-driven products for forestry and gardening, as well as for the building and construction industry. Husqvarna's aim is also to be at the front edge for ergonomics, usability, security and environmental protection. That is the reason why we have developed many different features to add to our products within these areas.

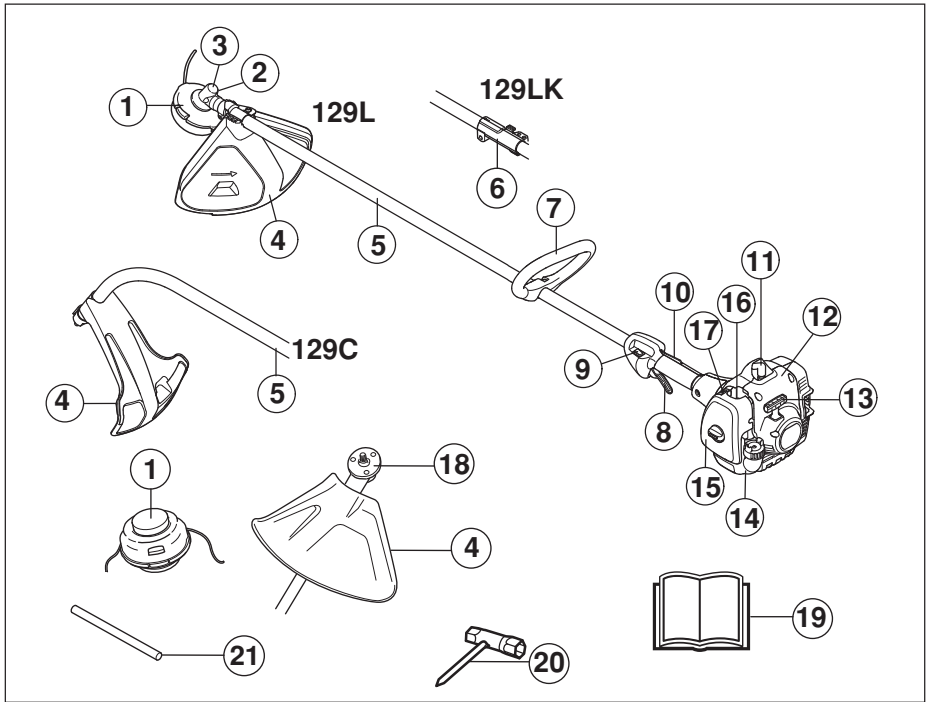
We are convinced that you will appreciate with great satisfaction the quality and performance of our product for a very long time to come. The purchase of one of our products gives you access to professional help with repairs and service whenever this may be necessary. If the retailer who sells your machine is not one of our authorised dealers, ask for the address of your nearest service workshop.

It is our wish that you will be satisfied with your product and that it will be your companion for a long time. Think of this operator's manual as a valuable document. By following its content (usage, service, maintenance, etc), the life span and the second-hand value of the machine can be extended. If you sell this machine, make sure that the operator's manual is passed on to the buyer.

Thank you for using a Husqvarna product.

Husqvarna AB has a policy of continuous product development and therefore reserves the right to modify the design and appearance of products without prior notice.

WHAT IS WHAT?



What is what on the grass trimmer?

- | | |
|----------------------------------|------------------------|
| 1 Trimmer head | 12 Starter housing |
| 2 Grease filler cap, bevel gear | 13 Starter handle |
| 3 Bevel gear | 14 Fuel tank |
| 4 Cutting attachment guard | 15 Air filter cover |
| 5 Shaft | 16 Primer bulb |
| 6 Shaft coupling | 17 Choke control |
| 7 Loop handle | 18 Drive disc |
| 8 Throttle trigger | 19 Operator's manual |
| 9 Stop switch | 20 Combination spanner |
| 10 Throttle trigger lockout | 21 Locking pin |
| 11 Spark plug cap and spark plug | |

GENERAL SAFETY PRECAUTIONS

Important

IMPORTANT!

The machine is only designed for grass trimming and grass clearing.

The only accessories you can operate with this engine unit are the cutting attachments we recommend in the chapter on Technical data.

Never use the machine if you are tired, if you have drunk alcohol, or if you are taking medication that could affect your vision, your judgement or your co-ordination.

Wear personal protective equipment. See instructions under the "Personal protective equipment" heading.

Never use a machine that has been modified in any way from its original specification.

Never use a machine that is faulty. Carry out the safety checks, maintenance and service instructions described in this manual. Some maintenance and service measures must be carried out by trained and qualified specialists. See instructions under the Maintenance heading.

All covers, guards and handles must be fitted before starting. Ensure that the spark plug cap and ignition lead are undamaged to avoid the risk of electric shock.

The operator of the machine must ensure, while working, that no persons or animals come closer than 15 meters.

Carry out an overall inspection of the machine before use. See the maintenance schedule.



WARNING! This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.



WARNING! Running an engine in a confined or badly ventilated area can result in death due to asphyxiation or carbon monoxide poisoning.



WARNING! Never allow children to use or be in the vicinity of the machine. As the machine is equipped with a spring-loaded stop switch and can be started by low speed and force on the starter handle, even small children under some circumstances can produce the force necessary to start the machine. This can mean a risk of serious personal injury. Therefore remove the spark plug cap when the machine is not under close supervision.

Personal protective equipment

IMPORTANT!

A clearing saw, brushcutter or trimmer can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this operator's manual.

You must use approved personal protective equipment whenever you use the machine. Personal protective equipment cannot eliminate the risk of injury but it will reduce the degree of injury if an accident does happen. Ask your dealer for help in choosing the right equipment.



WARNING! Listen out for warning signals or shouts when you are wearing hearing protection. Always remove your hearing protection as soon as the engine stops.

HELMET

Wear a protective helmet where there is a risk of falling objects



HEARING PROTECTION

Wear hearing protection that provides adequate noise reduction.



EYE PROTECTION

Always wear approved eye protection. If you use a visor then you must also wear approved protective goggles. Approved protective goggles must comply with the ANSI Z87.1 standard in the USA or EN 166 in EU countries.



GLOVES

Gloves should be worn when necessary, e.g. when fitting cutting attachments.



GENERAL SAFETY PRECAUTIONS

BOOTS

Wear sturdy, non-slip boots.



CLOTHING

Wear clothes made of a strong fabric and avoid loose clothing that can catch on twigs and branches. Always wear heavy, long pants. Do not wear jewellery, shorts, sandals or go barefoot. Secure hair so it is above shoulder level.

FIRST AID KIT

Always have a first aid kit nearby.



Machine's safety equipment

This section describes the machine's safety equipment, its purpose, and how checks and maintenance should be carried out to ensure that it operates correctly. See the "What is what?" section to locate where this equipment is positioned on your machine.

The life span of the machine can be reduced and the risk of accidents can increase if machine maintenance is not carried out correctly and if service and/or repairs are not carried out professionally. If you need further information please contact your nearest service workshop.

IMPORTANT!

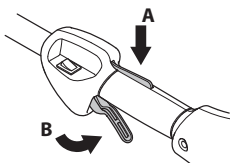
All servicing and repair work on the machine requires special training. This is especially true of the machine's safety equipment. If your machine fails any of the checks described below you must contact your service agent. When you buy any of our products we guarantee the availability of professional repairs and service. If the retailer who sells your machine is not a servicing dealer, ask him for the address of your nearest service agent.



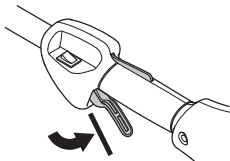
WARNING! Never use a machine with faulty safety equipment. The machine's safety equipment must be checked and maintained as described in this section. If your machine fails any of these checks contact your service agent to get it repaired.

Throttle trigger lockout

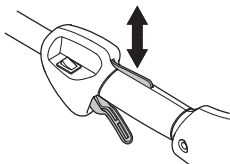
The throttle lockout is designed to prevent accidental operation of the throttle control. When you press the lock (A) (i.e. when you grasp the handle) it releases the throttle control (B). When you release the handle the throttle control and the throttle lockout both move back to their original positions. This movement is controlled by two independent return springs. This arrangement means that the throttle control is automatically locked at the idle setting.



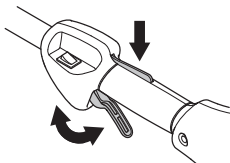
Make sure the throttle control is locked at the idle setting when the throttle lockout is released.



Press the throttle lockout and make sure it returns to its original position when you release it.



Check that the throttle trigger and throttle lockout move freely and that the return springs work properly.

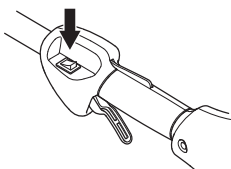


See instructions under the heading Start. Start the machine and apply full throttle. Release the throttle and check that the cutting attachment stops and remains at a standstill. If the cutting attachment rotates with the throttle in the idle position then the carburettor idle setting must be checked. See instructions under the heading Maintenance.

GENERAL SAFETY PRECAUTIONS

Stop switch

Use the stop switch to switch off the engine.

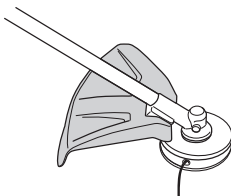


Start the engine and make sure the engine stops when you move the stop switch to the stop setting.

Cutting attachment guard



This guard is intended to prevent loose objects from being thrown towards the operator. The guard also protects the operator from accidental contact with the cutting attachment.



Check that the guard is undamaged and not cracked. Replace the guard if it has been exposed to impact or is cracked.

Always use the recommended guard for the cutting attachment you are using. See chapter on Technical data.

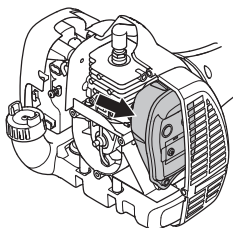


WARNING! Never use a cutting attachment without an approved guard. See the chapter on Technical data. If an incorrect or faulty guard is fitted this can cause serious personal injury.

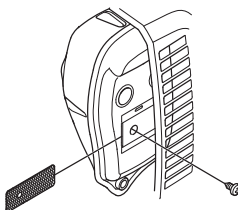
Muffler



The muffler is designed to keep noise levels to a minimum and to direct exhaust fumes away from the user. A muffler fitted with a catalytic converter is also designed to reduce harmful exhaust gases.



In countries that have a warm and dry climate there is a significant risk of fire. We therefore fit certain mufflers with a spark arrestor mesh. Check whether the muffler on your machine is fitted with this kind of mesh.



For mufflers it is very important that you follow the instructions on checking, maintaining and servicing your machine.

Never use a machine that has a faulty muffler.

Regularly check that the muffler is securely attached to the machine.

If the muffler on your machine is fitted with a spark arrestor mesh this must be cleaned regularly. A blocked mesh will cause the engine to overheat and may lead to serious damage.



WARNING! Mufflers fitted with catalytic converters get very hot during use and remain so for some time after stopping. This also applies at idle speed. Contact can result in burns to the skin. Remember the risk of fire!

GENERAL SAFETY PRECAUTIONS



WARNING! The inside of the muffler contain chemicals that may be carcinogenic. Avoid contact with these elements in the event of a damaged muffler.



WARNING! Bear in mind that:

The exhaust fumes from the engine are hot and may contain sparks which can start a fire. Never start the machine indoors or near combustible material!

Cutting equipment

This section describes how to choose and maintain your cutting equipment in order to:

- Obtain maximum cutting performance.
- Extend the life of cutting equipment.

IMPORTANT!

Only use cutting attachments with the guards we recommend! See the chapter on Technical data.

Refer to the instructions for the cutting attachment to check the correct way to load the cord and the correct cord diameter.



WARNING! Always stop the engine before doing any work on the cutting attachment. This continues to rotate even after the throttle has been released. Ensure that the cutting attachment has stopped completely and disconnect the spark plug cap before you start to work on it.



WARNING! A faulty cutting attachment may increase the risk of accidents.

Trimmer head

IMPORTANT!

Always ensure the trimmer cord is wound tightly and evenly around the drum, otherwise the machine will generate harmful vibration.

- Only use the recommended trimmer heads and trimmer cords. These have been tested by the manufacturer to suit a particular engine size. This is especially important when a fully automatic trimmer head is used. Only use the recommended cutting attachment. See the chapter on Technical data.



- Smaller machines generally require small trimmer heads and vice versa. This is because when clearing using a cord the engine must throw out the cord radially from the trimmer head and overcome the resistance of the grass being cleared.
- The length of the cord is also important. A longer cord requires greater engine power than a shorter cord of the same diameter.
- Make sure that the cutter on the trimmer guard is intact. This is used to cut the cord to the correct length.
- To increase the life of the cord it can be soaked in water for a couple of days before use. This will make the cord tougher so that it lasts longer.

ASSEMBLY

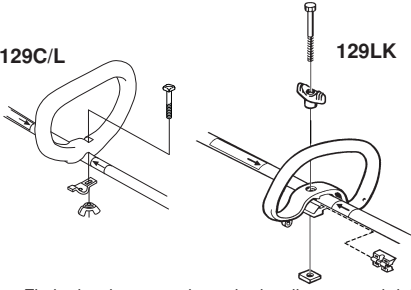
Fitting the loop handle



- Clip the loop handle onto the shaft. Note that the loop handle must be fitted between the arrows on the shaft.

129C/L

129LK



- Fit the hardware as shown in the diagram and tighten.

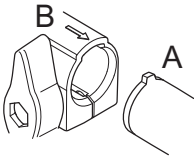
Assembling and dismantling the two-piece shaft

(129LK)

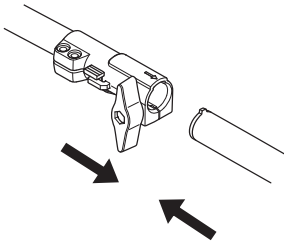


Assembly:

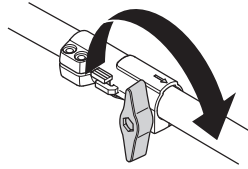
- Loosen the coupling by turning the knob.
- Align the tab of the attachment (A) with the arrow on the coupling (B).



- Push the attachment into the coupling until the attachment snaps into place.

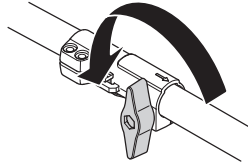


- Before using the unit, tighten the knob securely.

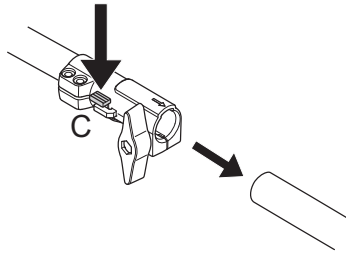


Dismantling:

- Loosen the coupling by turning the knob (at least 3 times).



- Push and hold the button (C). While securely holding the engine end, pull the attachment straight out of the coupling.



ASSEMBLY

Assembling the cutting equipment



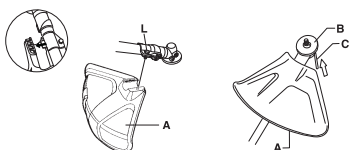
WARNING! Never use a cutting attachment without an approved guard. See the chapter on Technical data. If an incorrect or faulty guard is fitted this can cause serious personal injury.

Fitting the trimmer guard and trimmer head

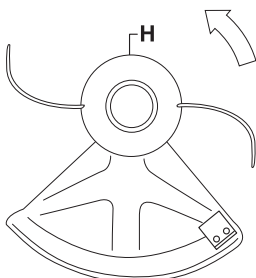
(129L, 129LK)



- Fit the correct trimmer guard (A) for use with the trimmer head. Hook the trimmer guard/combination guard onto the fitting on the shaft and secure with the bolt (L).



- Fit the drive disc (B) on the output shaft.
- Turn the output shaft until one of the holes in the drive disc aligns with the corresponding hole in the gear housing.
- Insert the locking pin (C) in the hole to lock the shaft.
- Screw on the trimmer head/plastic blades (H) in the opposite direction to the direction of rotation.



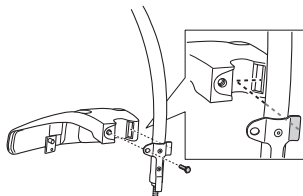
- To dismantle, follow the instructions in the reverse order.

Fitting the trimmer guard and trimmer head

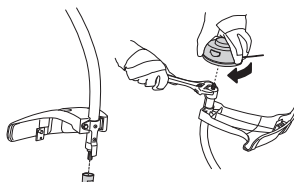
(129C)



- Fit the guard as shown in the diagram. Tighten securely.



- Fit the dust cup on the shaft. The nut must be completely covered by the dust cup.



- Hold the dust cup with a spanner to prevent the shaft from rotating.
- Screw the trimmer head onto the shaft.

FUEL HANDLING

Fuel safety

Never start the machine:

- 1 If you have spilled fuel on it. Wipe off the spillage and allow remaining fuel to evaporate.
- 2 If you have spilled fuel on yourself or your clothes, change your clothes. Wash any part of your body that has come in contact with fuel. Use soap and water.
- 3 If the machine is leaking fuel. Check regularly for leaks from the fuel cap and fuel lines. In the event of leakage, contact your service agent.

Transport and storage

- Store and transport the machine and fuel so that there is no risk of any leakage or fumes coming into contact with sparks or open flames, for example, from electrical machinery, electric motors, electrical relays/ switches or boilers.
- When storing and transporting fuel always use approved containers intended for this purpose.
- When storing the machine for long periods the fuel tank must be emptied. Contact your local petrol station to find out where to dispose of excess fuel.
- Ensure the machine is cleaned and that a complete service is carried out before long-term storage.
- The transport guard must always be fitted to the cutting attachment when the machine is being transported or in storage.
- Secure the machine during transport.
- In order to prevent unintentional starting of the engine, the spark plug cap must always be removed during long-term storage, if the machine is not under close supervision and when performing all service measures.



WARNING! Take care when handling fuel. Bear in mind the risk of fire, explosion and inhaling fumes.

Fuel

CAUTION! The machine is equipped with a two-stroke engine and must always be run using a mixture of petrol and two-stroke oil. It is important to accurately measure the amount of oil to be mixed to ensure that the correct mixture is obtained. When mixing small amounts of fuel, even small inaccuracies can drastically affect the ratio of the mixture.



WARNING! Fuel and fuel fumes are highly inflammable and can cause serious injury when inhaled or allowed to come in contact with the skin. For this reason observe caution when handling fuel and make sure there is adequate ventilation.

Petrol



CAUTION! Always use a quality petrol/oil mixture at least 90 octane (RON). If your machine is equipped with a catalytic converter (see chapter on Technical data) always use a good quality unleaded petrol/oil mixture. Leaded petrol will destroy the catalytic converter.

Use low-emission petrol, also known as alkylate petrol, if it is available.



Ethanol blended fuel, E10 may be used (max 10% ethanol blend). Using ethanol blends higher than E10 will create lean running condition which can cause engine damage.

- The lowest octane recommended is 90 (RON). If you run the engine on a lower octane grade than 90 so-called knocking can occur. This gives rise to a high engine temperature, which can result in serious engine damage.
- When working at continuous high revs a higher octane rating is recommended.

Two-stroke oil

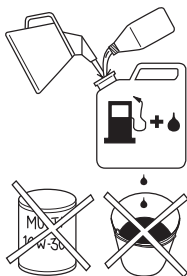
- For best results and performance use HUSQVARNA XP two-stroke engine oil, which is specially formulated for our air-cooled two-stroke engines.
- Never use two-stroke oil intended for water-cooled engines, sometimes referred to as outboard oil (rated TCW).
- Never use oil intended for four-stroke engines.
- A poor oil quality and/or too high oil/fuel ratio may jeopardise function and decrease the life time of catalytic converters.
- Mixing ratio
50:1 (2%) with HUSQVARNA XP two-stroke oil.

| Petrol, litre | Two-stroke oil, litre |
|---------------|-----------------------|
| | 2% (50:1) |
| 5 | 0,10 |
| 10 | 0,20 |
| 15 | 0,30 |
| 20 | 0,40 |

FUEL HANDLING

Mixing

- Always mix the petrol and oil in a clean container intended for fuel.
- Always start by filling half the amount of the petrol to be used. Then add the entire amount of oil. Mix (shake) the fuel mixture. Add the remaining amount of petrol.
- Mix (shake) the fuel mixture thoroughly before filling the machine's fuel tank.



- Do not mix more than one month's supply of fuel at a time.
- If the machine is not used for some time the fuel tank should be emptied and cleaned.



WARNING! The catalytic converter muffler gets very hot during and after use. This also applies during idling. Be aware of the fire hazard, especially when working near flammable substances and/or vapours.

Fueling



WARNING! Taking the following precautions, will lessen the risk of fire:

Mix and pour fuel outdoors, where there are no sparks or flames.

Do not smoke or place hot objects near fuel.

Always shut off the engine before refuelling.

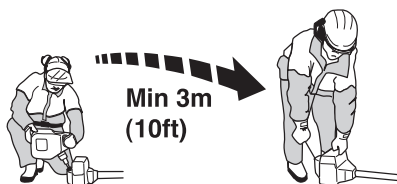
Always stop the engine and let it cool for a few minutes before refuelling.

When refuelling, open the fuel cap slowly so that any excess pressure is released gently.

Tighten the fuel cap carefully after refuelling.

Always move the machine away from the refuelling area and source before starting.

- Always use a fuel container with an anti-spill valve.
- If you have spilled fuel on it. Wipe off the spillage and allow remaining fuel to evaporate.
- Clean the area around the fuel cap. Contamination in the tank can cause operating problems.
- Ensure that the fuel is well mixed by shaking the container before filling the tank.



STARTING AND STOPPING

Check before starting



- Check that the trimmer head and trimmer guard are not damaged or cracked. Replace the trimmer head or trimmer guard if they have been exposed to impact or are cracked.



- Never use the machine without a guard nor with a defective guard.
- All covers must be correctly fitted and undamaged before you start the machine.

Starting and stopping



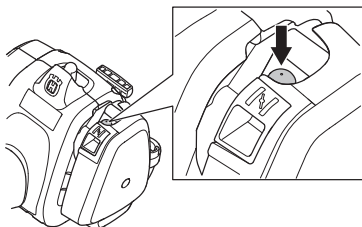
WARNING! The complete clutch cover and shaft must be fitted before the machine is started, otherwise the clutch can come loose and cause personal injury.

Always move the machine away from the refuelling area and source before starting. Place the machine on a flat surface. Ensure the cutting attachment cannot come into contact with any object.

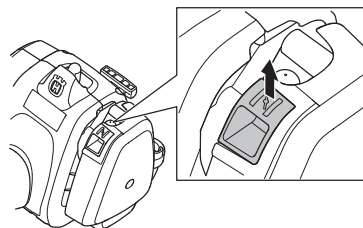
Make sure no unauthorised persons are in the working area. Otherwise there is a risk of serious personal injury. The safety distance is 15 meters.

Starting a cold engine

1. **Primer bulb:** Press the air purge diaphragm repeatedly until fuel begins to fill the diaphragm (about 10 times). The diaphragm need not be completely filled.



2. **Choke:** Set the choke control in the choke position.



WARNING! When the engine is started with the choke in choke position the cutting attachment will start to rotate immediately.

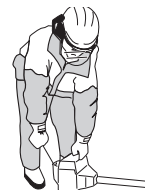
3. Hold the body of the machine on the ground using your left hand (CAUTION! Not with your foot!). Grip the starter handle, slowly pull out the cord with your right hand until you feel some resistance (the starter pawls grip), now quickly and powerfully pull the cord. **Never twist the starter cord around your hand.**

NOTE!

Do not squeeze the throttle control while attempting to start the engine.

4. Repeat pulling the cord until engine attempts to start (or maximum 3 pulls). If the engine starts or attempts to start, push the choke lever down to the run position. Keep on pulling the cord powerfully until the engine starts. Once the engine starts, allow the engine to warm up for 30 seconds before applying full throttle.

CAUTION! Do not pull the starter cord all the way out and do not let go of the starter handle when the cord is fully extended. This can damage the machine.



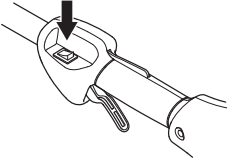
Starting a warm engine

1. **Primer bulb:** Press the air purge repeatedly until fuel begins to fill the bulb. The bulb need not be completely filled.
2. Push the choke lever down to the run position. Keep on pulling the cord powerfully until the engine starts. Once the engine starts, apply full throttle.

STARTING AND STOPPING

Stopping

Stop the engine by switching off the ignition.



CAUTION! The stop switch automatically returns to the start position. In order to prevent unintentional starting, the spark plug cap must be removed from the spark plug when assembling, checking and/or performing maintenance.

WORKING TECHNIQUES

General working instructions

IMPORTANT!

This section takes up the basic safety precautions for working with a trimmer.

If you encounter a situation where you are uncertain how to proceed you should ask an expert. Contact your dealer or your service workshop.

Avoid all usage which you consider to be beyond your capability.

You must understand the difference between forestry clearing, grass clearing and grass trimming before use.

Basic safety rules



- 1 Look around you:
 - To ensure that people, animals or other things cannot affect your control of the machine.
 - To ensure that people, animals, etc., do not come into contact with the cutting attachment or loose objects that are thrown out by the cutting attachment.
 - **CAUTION!** Do not use the machine unless you are able to call for help in the event of an accident.
- 2 Inspect the working area. Remove all loose objects, such as stones, broken glass, nails, steel wire, string, etc. that could be thrown out or become wrapped around the cutting attachment.
- 3 Do not use the machine in bad weather, such as dense fog, heavy rain, strong wind, intense cold, etc. Working in bad weather is tiring and often brings added risks, such as icy ground.
- 4 Make sure you can move and stand safely.



- 5 Keep a good balance and a firm foothold. Do not overreach. Keep proper footing and balance at all times.

- 6 Always hold the machine with both hands. Hold the machine on the right side of your body.



- 7 Keep the cutting attachment below waist level.
- 8 The engine must be switched off before moving.
- 9 Never put the machine down with the engine running unless you have it in clear sight.



WARNING! Neither the operator of the machine nor anyone else may attempt to remove the cut material while the engine is running or the cutting equipment is rotating, as this can result in serious injury.

Stop the engine and cutting equipment before you remove material that has wound around the blade shaft as otherwise there is a risk of injury. The bevel gear can get hot during use and may remain so for a while afterwards. You could get burnt if you touch it.



WARNING! Watch out for thrown objects. Always wear approved eye protection. Never lean over the cutting attachment guard. Stones, rubbish, etc. can be thrown up into the eyes causing blindness or serious injury.

Keep unauthorised persons at a distance. Children, animals, onlookers and helpers should be kept outside the safety zone of 15 metres. Stop the machine immediately if anyone approaches. Never swing the machine around without first checking behind you to make sure no-one is within the safety zone.

WORKING TECHNIQUES

Basic working techniques

Always slow the engine to idle speed after each working operation. Long periods at full throttle without any load on the engine can lead to serious engine damage.



WARNING! Sometimes branches or grass get caught between the guard and cutting attachment. Always stop the engine before cleaning.

Grass trimming with a trimmer head



Trimming

- Hold the trimmer head just above the ground at an angle. It is the end of the cord that does the work. Let the cord work at its own pace. Never press the cord into the area to be cut.



- The cord can easily remove grass and weeds up against walls, fences, trees and borders. However it can also damage sensitive bark on trees and bushes, and damage fence posts.
- Reduce the risk of damaging plants by shortening the cord to 10-12 cm and reducing the engine speed.

Clearing

- The clearing technique removes all unwanted vegetation. Keep the trimmer head just above the ground and tilt it. Let the end of the cord strike the ground around trees, posts, statues and the like. CAUTION! This technique increases the wear on the cord.

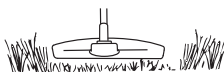


- The cord wears quicker and must be fed forward more often when working against stones, brick, concrete, metal fences, etc., than when coming into contact with trees and wooden fences.
- When trimming and clearing, you should use less than full throttle (80%) so that the cord lasts longer and to reduce the wear on the trimmer head.

Cutting

- The trimmer is ideal for cutting grass that is difficult to reach using a normal lawn mower. Keep the cord parallel to the ground when cutting. Avoid pressing the

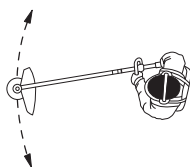
trimmer head against the ground as this can ruin the lawn and damage the tool.



- Do not allow the trimmer head to constantly come into contact with the ground during normal cutting. Constant contact of this type can cause damage and wear to the trimmer head.

Sweeping

- The fan effect of the rotating cord can be used for quick and easy clearing up. Hold the cord parallel to and above the area to be swept and move the tool side to side.



- When cutting and sweeping you should use full throttle to obtain the best results.

IMPORTANT! To avoid unbalance and vibrations in handles trimmer head cover need to be cleaned every time cord is refilled. In addition, check other part of the head if needed to be cleaned.

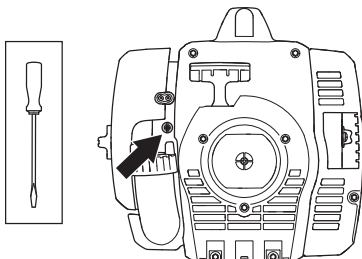
MAINTENANCE

Carburettor

Adjustment of the idle speed

Before any adjustments are made, make sure that the air filter is clean and the air filter cover is fitted.

Adjust the idle speed using the idle adjustment screw T, if it is necessary to readjust. First turn the idle adjustment screw T clockwise until the cutting attachment starts to rotate. Then turn the screw anticlockwise until the cutting attachment stops. The idle speed is correctly adjusted when the engine will run smoothly in every position. The idle speed should also be well below the speed at which the cutting attachment starts to rotate.



Recommended idle speed: See the Technical data section.



WARNING! If the idle speed cannot be adjusted so that the cutting attachment stops, contact your dealer/service workshop. Do not use the machine until it has been correctly adjusted or repaired.

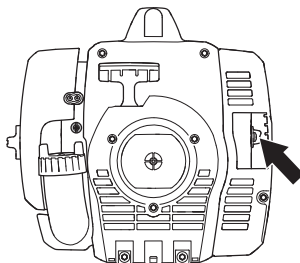
Muffler



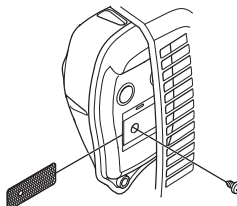
CAUTION! Some mufflers are fitted with a catalytic converter. See chapter on Technical data to see whether your machine is fitted with a catalytic converter.

The muffler is designed to reduce the noise level and to direct the exhaust gases away from the operator. The exhaust gases are hot and can contain sparks, which may

cause fire if directed against dry and combustible material.



Some mufflers are equipped with a special spark arrestor mesh. If your machine has this type of muffler, you should clean the mesh at least once a month. This is best done with a wire brush. On mufflers without a catalytic converter the mesh should be cleaned weekly, or replaced if necessary. On mufflers fitted with a catalytic converter the mesh should be checked, and if necessary cleaned, monthly. **If the mesh is damaged it should be replaced.** If the mesh is frequently blocked, this can be a sign that the performance of the catalytic converter is impaired. Contact your dealer to inspect the muffler. A blocked mesh will cause the machine to overheat and result in damage to the cylinder and piston.



NOTE!

Rear housing shown removed for clarity only. It is not recommended to remove cover for maintenance of screen.

CAUTION! Never use a machine with a defective muffler.



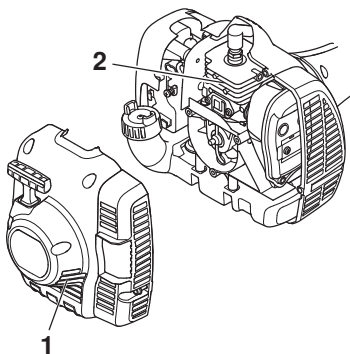
WARNING! Mufflers fitted with catalytic converters get very hot during use and remain so for some time after stopping. This also applies at idle speed. Contact can result in burns to the skin. Remember the risk of fire!

MAINTENANCE

Cooling system



To keep the working temperature as low as possible the machine is equipped with a cooling system.



The cooling system consists of:

- 1 Air intake on the starter.
- 2 Cooling fins on the cylinder.

Clean the cooling system with a brush annually or more often in demanding conditions. A dirty or blocked cooling system results in the machine overheating which causes damage to the piston and cylinder.

Spark plug



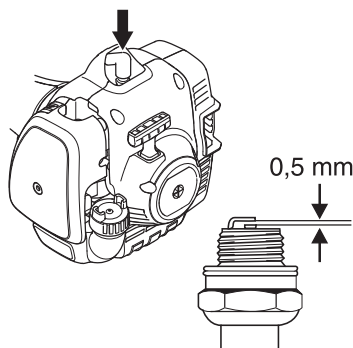
The spark plug condition is influenced by:

- Incorrect carburettor adjustment.
- An incorrect fuel mixture (too much or incorrect type of oil).
- A dirty air filter.

These factors cause deposits on the spark plug electrodes, which may result in operating problems and starting difficulties.

If the machine is low on power, difficult to start or runs poorly at idle speed: always check the spark plug first before taking any further action. If the spark plug is dirty, clean it and check that the electrode gap is 0.5/0,6 mm.

The spark plug should be replaced after about a month in operation or earlier if necessary.

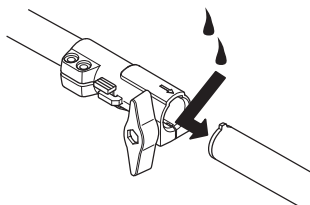


CAUTION! Always use the recommended spark plug type! Use of the wrong spark plug can damage the piston/cylinder. Check that the spark plug is fitted with a suppressor. See the Technical data section.

Two-piece shaft



The drive shaft end in the lower shaft should be lubricated with grease every 30 hours. There is a risk that the drive shaft ends (splined coupling) on models with two-piece shafts will seize if they are not lubricated regularly.



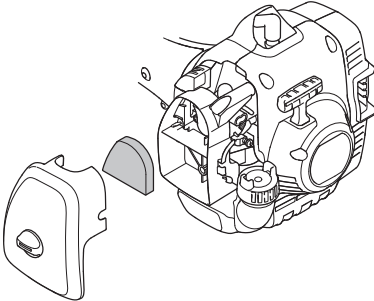
MAINTENANCE

Air filter



The air filter must be regularly cleaned to remove dust and dirt in order to avoid:

- Carburettor malfunctions
- Starting problems
- Loss of engine power
- Unnecessary wear to engine parts.
- Excessive fuel consumption.



Clean the filter every 25 hours, or more regularly if conditions are exceptionally dusty.

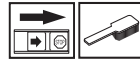
Cleaning the air filter

Remove the air filter cover and take out the filter. Wash it clean in warm, soapy water. Ensure that the filter is dry before refitting it.

An air filter that has been in use for a long time cannot be cleaned completely. The filter must therefore be replaced with a new one at regular intervals. **A damaged air filter must always be replaced.**

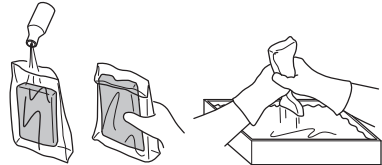
If the machine is used in dusty conditions the air filter should be soaked in oil. See instructions under the heading Oiling the air filter.

Oiling the air filter



Always use HUSQVARNA filter oil, art. no. 531 00 92-48. The filter oil contains a solvent to make it spread evenly through the filter. You should therefore avoid skin contact.

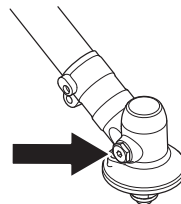
Put the filter in a plastic bag and pour the filter oil over it. Knead the plastic bag to distribute the oil. Squeeze the excess oil out of the filter inside the plastic bag and pour off the excess before fitting the filter to the machine. Never use common engine oil. This would drain through the filter quite quickly and collect in the bottom.



Bevel gear



The bevel gear is filled with the right quantity of grease at the factory. However, before using the machine you should check that the bevel gear is filled three-quarters full with grease. Use HUSQVARNA special grease.



The grease in the bevel gear does not normally need to be changed except if repairs are carried out.

MAINTENANCE

Maintenance schedule

The following is a list of the maintenance steps that must be performed on the machine. Most of the items are described in the Maintenance section. The user must only carry out the maintenance and service work described in this Operator's Manual. More extensive work must be carried out by an authorized service workshop.

| Maintenance | Weekly maintenance | Monthly maintenance | Annually maintenance |
|--|--------------------|---------------------|----------------------|
| Clean the outside of the machine. | X | | |
| Make sure the throttle trigger lock and the throttle function correctly from a safety point of view. | X | | |
| Check that the stop switch works correctly. | X | | |
| Check that the cutting attachment does not rotate at idle. | X | | |
| Clean the air filter. Replace if necessary. | X | | |
| Check that the guard is undamaged and not cracked. Replace the guard if it has been exposed to impact or is cracked. | X | | |
| Check that the trimmer head is undamaged and not cracked. Replace the trimmer head if necessary. | X | | |
| Check that nuts and screws are tight. | X | | |
| Check that there are no fuel leaks from the engine, tank or fuel lines. | X | | |
| Check that the bevel gear is filled three-quarters full with lubricant. Fill if necessary using special grease. | X | | |
| Check the starter and starter cord. | | X | |
| Clean the outside of the spark plug. Remove it and check the electrode gap. Adjust the gap to 0.5 mm or replace the spark plug. Check that the spark plug is fitted with a suppressor. | | | X |
| Clean the outside of the carburettor and the space around it. | | | X |
| Clean the machine's cooling system. | | | X |
| Clean or replace the spark arrestor mesh on the muffler (only applies to mufflers without a catalytic converter). | | | X |
| Check the fuel filter for contamination and the fuel hose for cracks or other defects. Replace if necessary. | | | X |
| Check all cables and connections. | | | X |
| Check the clutch, clutch springs and the clutch drum for wear. Replace if necessary by an authorized service workshop. | | | X |
| Replace the spark plug. Check that the spark plug is fitted with a suppressor. | | | X |

TECHNICAL DATA

Technical data

| | 129C (A05328CCHV) | 129L (A05328CSHV) | 129LK (A05328CSHV) |
|--|----------------------|----------------------|-----------------------|
| Engine | | | |
| Cylinder displacement, cm ³ | 27,6 | 27,6 | 27,6 |
| Cylinder bore, mm | 36,0 | 36,0 | 36,0 |
| Stroke, mm | 27 | 27 | 27 |
| Idle speed, rpm | 3200-3600 | 3200-3600 | 3200-3600 |
| Recommended max. speed, rpm | 8500 | 8500 | 8500 |
| Speed of output shaft, rpm | 8500 | 8500 | 8500 |
| Max. engine output, acc. to ISO 8893, kW/ rpm | 0,8/8000 | 0,8/8000 | 0,8/8000 |
| Catalytic converter muffler | Yes | Yes | Yes |
| Speed-regulated ignition system | Yes | Yes | Yes |
| Ignition system | | | |
| Spark plug | NGK CMR6A | NGK CMR6A | NGK CMR6A |
| Electrode gap, mm | 0,5 | 0,5 | 0,5 |
| Fuel and lubrication system | | | |
| Fuel tank capacity, cm ³ /litre | 340/0,34 | 340/0,34 | 340/0,34 |
| Weight | | | |
| Weight without fuel, cutting attachment and guard, kg | 4,6 | 5,2 | 6,0 |
| Noise emissions | | | |
| (see note 1) | | | |
| Sound power level, measured dB (A) | 105 | 105 | 105 |
| Sound power level, guaranteed L _{WA} dB (A) | 114 | 114 | 114 |
| Noise levels | | | |
| (see note 2) | | | |
| Equivalent sound pressure level at the operator's ear, measured according to EN ISO 11806 and ISO 93 22868, dB(A): | | 95 | 95 |
| Vibration levels | | | |
| (see note 3) | | | |
| Equivalent vibration levels (a _{h_{veq}}) at handles, measured according to EN ISO 11806 and ISO 22867, m/s ² | | | |
| Equipped with trimmer head (original), left/right | 3,7/3,6 | 9,9/8,9 | 9,9/8,9 |

Note 1: Noise emissions in the environment measured as sound power (L_{WA}) in conformity with EC directive 2000/14/EC. Reported sound power level for the machine has been measured with the original cutting attachment that gives the highest level. The difference between guaranteed and measured sound power is that the guaranteed sound power also includes dispersion in the measurement result and the variations between different machines of the same model according to Directive 2000/14/EC.

Note 2: Reported data for equivalent sound pressure level for the machine has a typical statistical dispersion (standard deviation) of 1 dB (A).

Note 3: Reported data for equivalent vibration level has a typical statistical dispersion (standard deviation) of 1 m/s².

TECHNICAL DATA

| | | | |
|---|--|---|---|
| 129 C GB – Threaded shaft (3/8 R) SE – Gängad axel (3/8 R) DA – Gevindstykke (3/8 R) NO – Gjenget skaft (3/8 R) | | FI – Kierreakseli (3/8 R) DE – Gewindeschaft (3/8 R) FR – Arbre fileté (3/8 R) | |
| GB – Approved accessories SE – Godkända tillbehör DA – Godkendt tilbehør NO – Godkjent tilbehør FI – Hyväksytyt lisävarusteet DE – Zugelassenes Zubehör FR – Accessoires homologues | | GB – Type SE – Typ DA – Type NO – Type FI – Tyyppi DE – Typ FR – Type | GB – Cutting attachment guard SE – Trimmerhuvudets kåpa DA – Skærm til tilbehør med skær NO – Skjerm for kutteutstyr FI – Leikkuuterän suojus DE – Trimmerschutz FR – Capot de l'outil de coupe |
| GB – Trimmer head SE – Trimmerhuvud DA – Trimmerhoved NO – Trimmerhode | FI – Trimmipää DE – Trimmerkopf FR – Tête de coupe | T25 (Ø 2.0-2.4 mm) | 580 44 66-10 |
| 129 L GB – Threaded shaft (M10 L) SE – Gängad axel (M10 L) DA – Gevindstykke (M10 L) NO – Gjenget skaft (M10 L) | | FI – Kierreakseli (M10 L) DE – Gewindeschaft (M10 L) FR – Arbre fileté (M10 L) | |
| GB – Approved accessories SE – Godkända tillbehör DA – Godkendt tilbehør NO – Godkjent tilbehør FI – Hyväksytyt lisävarusteet DE – Zugelassenes Zubehör FR – Accessoires homologues | | GB – Type SE – Typ DA – Type NO – Type FI – Tyyppi DE – Typ FR – Type | GB – Cutting attachment guard SE – Trimmerhuvudets kåpa DA – Skærm til tilbehør med skær NO – Skjerm for kutteutstyr FI – Leikkuuterän suojus DE – Trimmerschutz FR – Capot de l'outil de coupe |
| GB – Trimmer head SE – Trimmerhuvud DA – Trimmerhoved NO – Trimmerhode | FI – Trimmipää DE – Trimmerkopf FR – Tête de coupe | T25 (Ø 2.0 - 2.4 mm) | 580 44 66-06 |
| 129 LK GB – Threaded shaft (M10 L) SE – Gängad axel (M10 L) DA – Gevindstykke (M10 L) NO – Gjenget skaft (M10 L) | | FI – Kierreakseli (M10 L) DE – Gewindeschaft (M10 L) FR – Arbre fileté (M10 L) | |
| GB – Approved accessories SE – Godkända tillbehör DA – Godkendt tilbehør NO – Godkjent tilbehør FI – Hyväksytyt lisävarusteet DE – Zugelassenes Zubehör FR – Accessoires homologues | | GB – Type SE – Typ DA – Type NO – Type FI – Tyyppi DE – Typ FR – Type | GB – Cutting attachment guard SE – Trimmerhuvudets kåpa DA – Skærm til tilbehør med skær NO – Skjerm for kutteutstyr FI – Leikkuuterän suojus DE – Trimmerschutz FR – Capot de l'outil de coupe |
| GB – Trimmer head SE – Trimmerhuvud DA – Trimmerhoved NO – Trimmerhode | FI – Trimmipää DE – Trimmerkopf FR – Tête de coupe | T25 (Ø 2.0 - 2.4 mm) | 580 44 66-06 |

The following attachments are recommended for the specified models.

| Optional accessories | Art No. | Use with |
|--|--------------|----------|
| Clean sweep attachment with shaft SR600 | 537 19 67-01 | 129LK |
| Hedge trimmer attachment with shaft HA 850 | 537 19 66-06 | 129LK |
| Edger attachment with shaft | 537 19 69-01 | 129LK |
| Saw attachment with shaft PA 1100 | 537 18 33-16 | 129LK |
| Saw attachment without shaft PA | 537 18 33-11 | 129LK |
| Cultivator attachment with shaft CA 150 | 537 42 54-01 | 129LK |
| Trimmer attachment with shaft TA 850 | 537 35 35-01 | 129LK |

TECHNICAL DATA

EC Declaration of Conformity

Issuer's name: Husqvarna AB, SE-561 82 Huskvarna, Sweden, tel: +46-36-146500.

Husqvarna AB claims sole responsibility for the object of this declaration: Trimmer and/or Brushcutter, platform(s) A05328CCHV / A05328CSHV representing models 129C, 129L / 129LK respectively from 2013 serial numbers and onwards. The platform number and Model number are clearly stated in plain text on the type plate along with the year with subsequent serial numbers.

The object of the declaration described above is in conformity with the requirements of the Council's Directives:

- **2006/42/EC** "relating to machinery" 17 May 2006.
- **2004/108/EC** "relating to electromagnetic compatibility" 15 Dec 2004
- **2000/14/EC** "relating to noise emissions in the environment" 08 May 2000

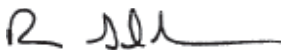
In accordance with Annex V, the declared sound values are stated in the technical data sheet of the operator's manual.

The following standards have been applied:

EN ISO 12100:2010, EN ISO 11806-1:2011, ISO 14982:1998, CISPR 12:2007

TÜV Rheinland N.A. has carried out a voluntary examination on behalf of Husqvarna AB, providing **AM72140165.01** - Certificate of conformity to EC Council directive 2006/42/EC for machinery. This certificate is applicable to all manufacturing locations and Countries of Origin, as stated on the product. The supplied grass trimmer and/or brushcutter conforms to the example that underwent examination.

Signed on behalf of: Husqvarna AB, Huskvarna, Sweden, 2013-12-27.



Ronnie E. Goldman, Director of Engineering. (Authorized representative for Husqvarna AB and responsible for technical documentation.)