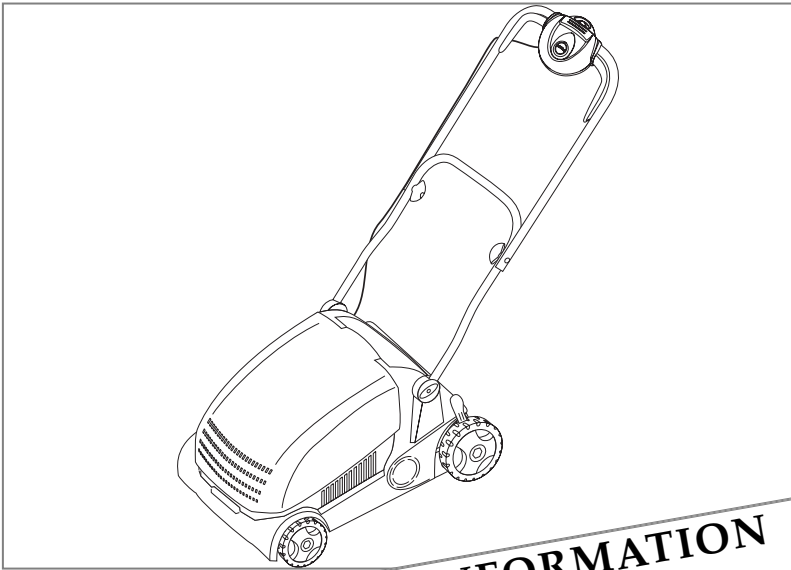



Flymo ***Partner***




Lawnrake




WARNING

IMPORTANT INFORMATION
Read before use
& retain for future reference

For all customer enquiries or for replacement parts, contact:-

 **01325 300303**



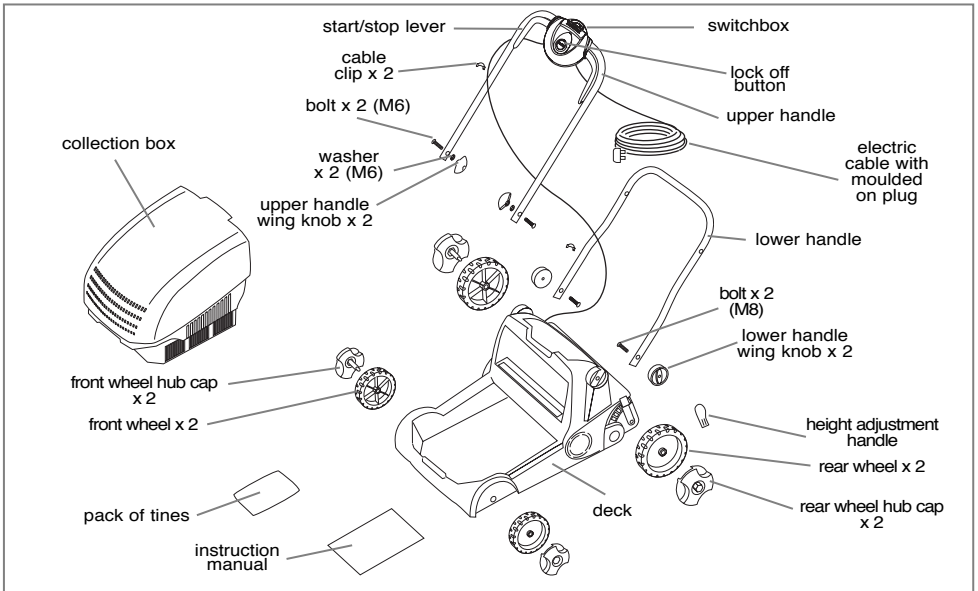
www.flymo.com

www.mcculloch.info



customer.services@husqvarna.co.uk

Carton Contents



IMPORTANT ! Please check the contents of the carton are correct **BEFORE** assembling your new product.
IF ANY PARTS ARE MISSING CONTACT:-
 Husqvarna Outdoor Products Customer Service Department direct
 Telephone : 01325 300303 Fax : 01325 318193

Safety



If not used properly this product can be dangerous! This product can cause serious injury to the operator and others, the warnings and safety instructions must be followed to ensure reasonable safety and efficiency in using this product. The operator is responsible for following the warning and safety instructions in this manual and on the product. Never use the product unless the grass-box or guards provided by the manufacturer are in the correct position.

Explanation of Symbols your product



Warning



Switch off! Remove plug from mains before adjusting, cleaning or if cable is entangled or damaged. Keep the cable away from the tines.



Read the user instructions carefully to make sure you understand all the controls and what they do.



Beware of sharp tines. Tines continue to rotate after motor is switched off.



Always keep the product on the ground when using. Tilting or lifting the product may cause stones to be thrown out.



Tines continue to rotate after the machine is switched off. Wait until all machine components have completely stopped before touching them.



Keep bystanders away. Do not use whilst people especially children or pets are in the raking area.



Do not use in the rain or leave the product outdoors while raining.

General

1. Never allow children or people unfamiliar with these instructions to use the product. Local regulations may restrict the age of the operator.
2. Only use the product in the manner and for the functions described in these instructions.
3. Never operate the product when you are tired, ill or under the influence of alcohol, drugs or medicine.
4. The operator or user is responsible for accidents or hazards occurring to other people or their property.

Electrical

1. The British Standards Institute recommend the use of a Residual Current Device (R.C.D.) with a tripping current of not more than 30mA. Even with a R.C.D. installed 100% safety cannot be guaranteed and safe working practice must be followed at all times. Check your R.C.D. every time you use it.
2. Before use, examine cable for damage, replace it if there are signs of damage or ageing.
3. Do not use the product if the electric cables are damaged or worn
4. Immediately disconnect from the mains electricity supply if the cable is cut, or the insulation is damaged. Do not touch the electric cable until the electrical supply has been disconnected. Do not repair a cut or damaged cable. Replace it with a new one.
5. Your cable must be uncoiled or unwound, coiled or wound cables can overheat and reduce the efficiency of your mower.
6. Keep cable away from the product, always work away from the power point, operating up and down, never in circles.
7. Do not pull cable around sharp objects.
8. Always switch off at the mains before disconnecting any plug, cable connector or extension cable.
9. Switch off, remove plug from mains and examine electric supply cable for damage or ageing **before** winding cable for storage. Do not repair a damaged cable, replace it with a new one. Use only our replacement cable.
10. Always wind cable carefully, avoiding kinking.
11. Never carry the product by the cable.
12. Never pull on the cable to disconnect any of the plugs.
13. Use only on AC mains supply voltage shown on the product rating label.
14. Our products are double insulated to EN60335. Under no circumstance should an earth be connected to any part of the product.

Preparation

1. While using your product always wear substantial footwear and long trousers.
2. Make sure the lawn is clear of sticks, stones, bones, wire and debris; they could be thrown by the tines.

3. Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
4. Replace worn or damaged tines.

Use

1. Use the product only in daylight or good artificial light.
2. Avoid operating your product in wet grass, where feasible.
3. Take care in wet grass, you may lose your footing.
4. On slopes, be extra careful of your footing and wear non-slip footwear.
5. Use across the face of slopes, never up and down.
6. Exercise extreme caution when changing direction on slopes. Walk never run.
7. Operating on banks and slopes can be dangerous. Do not operate on **banks** or **steep** slopes.
8. Do not walk backwards when operating, you could trip.
9. Use extreme caution when pulling the product towards you.
10. Switch off before pushing the product over surfaces other than grass.
11. Never operate the product with damaged guards or without guards in place.
12. Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
13. Do not tilt the product when the motor is running, except when starting and stopping. In this case, do not tilt more than absolutely necessary and lift only the part which is away from the operator. Always ensure that both hands are in the operating position before returning the appliance to the ground.
14. Never pick up or carry the product when it is operating or still connected to the mains supply.
15. Do not put hands or feet near or under rotating parts. Keep clear of the the discharge opening at all times.
16. Remove the plug from the mains :
 - before leaving the product unattended for any period;
 - before clearing a blockage;
 - before checking, cleaning or working on the appliance;
 - if you hit an object. Do not use until you are sure that the entire product is in a safe operating condition ;
 - if the product starts to vibrate abnormally. Check immediately. Excessive vibration can cause injury.

Maintenance and storage

1. Keep all nuts, bolts and screws tight to be sure the product is in safe working condition.
2. Check the collection box frequently for wear or deterioration.
3. Replace worn or damaged parts for safety.
4. Only use the replacement parts specified for this product.
5. Be careful during adjustment of the product to prevent entrapment of the fingers between moving and fixed parts of the machine.

CABLES

IMPORTANT

- Use only 1.00mm² size cable up to 40 metres length maximum.

Maximum rating :

- 1.00mm² size cable, 10 amps 250 volts AC.
- **YOUR PRODUCT IS SUPPLIED WITH CABLE WIRED DIRECTLY INTO THE PRODUCT.**

1. FLYMO Mains Cables and Extension Cables are available from your local Husqvarna Outdoor Products Approved Service Centre.
2. Do not wire an extension cable directly to your product yourself. Please contact your local Husqvarna Outdoor Products Approved Service Centre for further information on the connectors and kits available.
3. Only use extension cables specifically designed for outdoor use.

CONNECTORS

IMPORTANT

- Flymo connectors are suitable for use with 2 core cable only. Under no circumstances should these connectors be used for earthed products.
- All Flymo connectors and cables are of splashproof construction. They are not waterproof and must not be left outside permanently nor should they be submerged or immersed in water. Do not let cable lay or trail through pools of water or splashed with water from hose pipes.

MAINS PLUG REPLACEMENT

IMPORTANT

- **If the plug supplied is cut off it should be destroyed.**

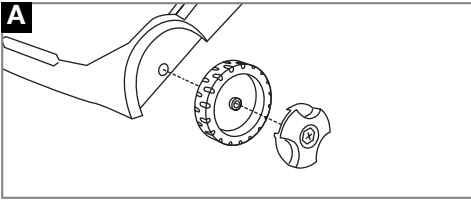
There is an electric shock hazard if a cut off plug is inserted into a 13 amp socket.

1. **No earth required.** Flymo products are double insulated to EN60335 and under no circumstances should an earth be connected to any part of the product.
2. **Ensure the mains voltage suits your product**
3. **IMPORTANT!**

The wires in the mains lead are coloured in accordance with the following code:
BLUE - NEUTRAL BROWN - LIVE
The wire which is coloured BLUE must be connected to the Terminal which is marked with the letter 'N' or coloured BLACK. The wire which is coloured BROWN must be connected to the Terminal which is marked with the letter 'L' or coloured RED.
4. It is important that the outer sheath is clamped correctly into the 3-pin plug.
5. If in doubt consult your local Service Repairer or qualified electrician before the machine is used.
6. **A 13 Amp fuse must be fitted to the Mains Plug.**
7. The normal plug fuse and household fuse only protect the electrical equipment and are not a safeguard against electrocution.

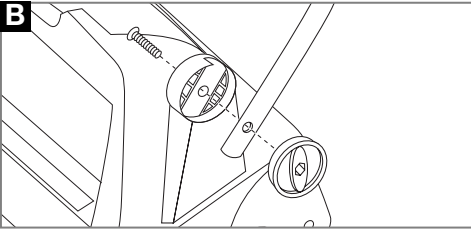
If your product is hard wired i.e. non-detachable mains electric cable, a conversion kit and extension cable is available from all Husqvarna Outdoor Products Approved Service Centres which can be found in your local Yellow Pages.

Assembly Instructions



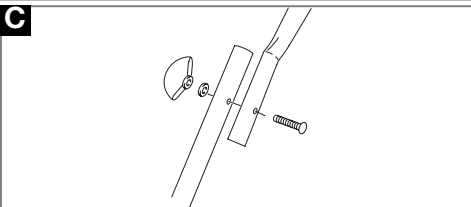
Wheel Assembly (A)

1. Insert the wheel bolt into the threaded hole.
2. Fully tighten the bolts using a screwdriver.



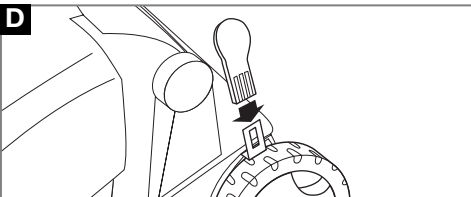
Assembly of Lower Handles to Deck

1. Place the hole in the lower handle over the end of the bolt (B)
2. Place the wing knob onto the end of the bolt and firmly tighten. (B)
3. Repeat on the other side.



Assembly of Upper Handles to Lower Handles.

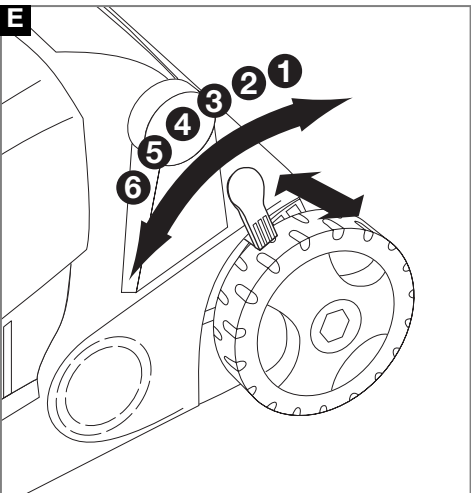
1. Ensure the upper handle is located correctly with the lock-off button on the switchbox uppermost.
2. Ensure the upper handle and the lower handle are aligned correctly.(C)
3. Fit the bolts, washers and wing knobs.(C)
4. Fit the cable to the handles with the clips provided. Make sure the cable is not trapped between the upper and lower handles.



Height Adjust Handle Assembly

1. Insert the height adjust arm into the slot at the base of the height adjust handle (D)
2. Firmly push the handle on to the arm.
3. The handle will automatically lock on to the arm.

Height Adjustment



Adjusting the raking height

1. Lift the lever out of location and rotate to the desired position. (E)

Heights of raking:-

1 & 2 - low

The low settings should be used to collect material from the base of the lawn. This setting is ideal for removing moss and thatch. After removing the thick patches of moss and thatch the lawn may look bare in some patches. These patches in the lawn will start to recover now that the moss and thatch has been removed.

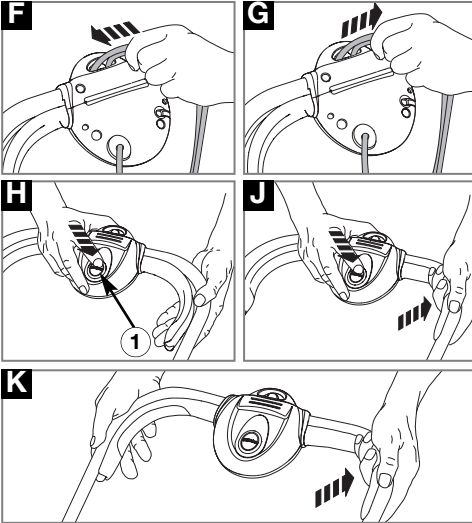
3 - 4 medium

The medium settings should be used for moderate raking. This setting is ideal for lifting flattened grass prior to mowing and for collecting grass cuttings after mowing. It can also be used for light raking of moss and thatch.

5 & 6 - high

The high settings are for light raking and should be used for clearing the lawn. This setting is ideal for collecting light debris such as fallen leaves, twigs and grass cuttings without damaging the lawn.

Starting and Stopping



To Start your Product

1. Form loop in mains cable and push the loop through the slot. **(F)**
2. To secure, position loop over the hook and pull the cable back through the slot. **(G)**.
3. Connect plug to mains and switch on.
4. Tilt the handle downwards to slightly raise the front of the product and to reduce the risk of lawn damage whilst starting.

The switchbox is provided with a lock-off button (H1) to prevent accidental starting.

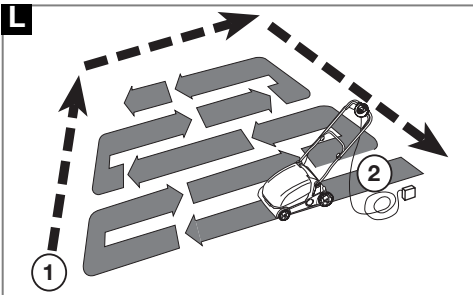
5. Press and hold the lock-off button **(H)** on the switchbox, then squeeze one of the Start/Stop levers towards the upper handle **(J)**.
6. Continue to squeeze the start/stop lever towards the upper handle and release the lock-off button **(K)**.
7. Lower the product to its proper operating position and commence raking.

- **NOTE - There are two start/stop levers fitted. Either one can be used for starting the product.**
- **IMPORTANT - Do not use the start/stop levers intermittently**

To Stop your Product

1. Release the pressure on the Start/Stop lever.

How to Use



Raking your Lawn

Raking the lawn helps aerate the soil, prevent diseases, it also improves surface drainage and promotes a healthier thicker lawn.

Moss

There are several types of mosses, which can cause problems to your lawn. Moss as well as being detrimental to the appearance of your lawn, will smother grass, make the lawn spongy, make it difficult to mow, hold water and encourage disease. Moss spores are released during spring and autumn.

Thatch

Thatch is decaying organic matter that builds up on the base of the lawn. Like moss thatch is detrimental to the appearance of your lawn and can cause bad surface drainage, encourage weeds, prevent air circulation and encourage disease.

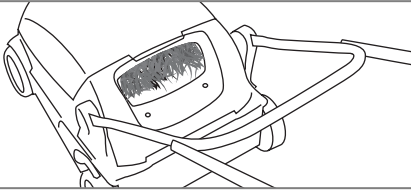
How to Use

- Do not use in wet or damp conditions. Raking in wet conditions can damage the lawn.
- Do not force the lawnrake through long grass it should be used on grass no longer than 75mm in length. If the grass is long, mow the lawn prior to using the Lawn Rake. The Lawn Rake can collect your grass clippings while raking.
- Clear the lawn of any loose debris or stones that may damage the lawnrake.
- On your first use choose a medium height to start with, and then adjust the height setting to suit your lawn and use.
- Start the lawnrake at the edge of the lawn, close to the power point, and work away from the power point. Once you have raked the lawn in one direction rake again at right angles to the previous direction. **(L)**

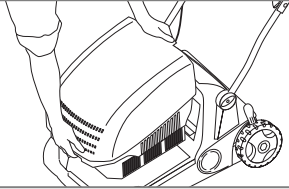
- For total control of moss, use moss killer in early spring a couple of weeks prior to using the lawnrake
- To gently remove particularly heavy areas of moss and thatch you may have to rake over the area several times.
- For best results use your lawnrake regularly particularly at the beginning of the season to encourage good growth and at the end of the season to prepare the lawn for winter. The lawn should be raked in autumn leaving some time for the lawn to thicken and recover before winter.
- To maintain the quality of your lawnrake it is recommended that you clean it after use. Refer to the section - Caring for your Product

Collection Box

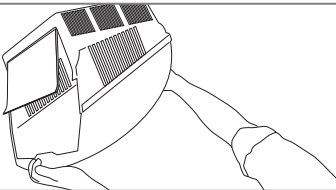
M



N



P



Collection Box Full (M)

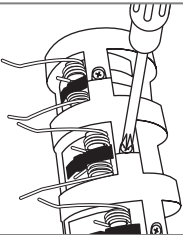
1. As the collection box fills up, grass will be clearly visible through the window in the lid (M).
2. When the window is full it is time to empty the collection box.

Emptying the Collection Box

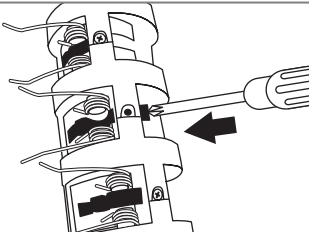
1. Lift the collection box at the front and the rear handles (N)
2. Tilt the collection box upside down to release the collection box flap (P)
3. Empty into your compost or garden waste bin.
4. Ensure collection box flap is fitted correctly before refitting the collection box

Removing and Fitting the Tines

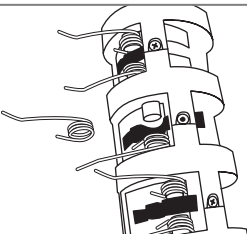
Q



R



S



Removing and Fitting the Tines

1. Ensure plug is removed from power supply
2. Turn the lawn rake upside down to access the tines
3. Remove the screw from the central disc on the set of tines you wish to replace (Q)
4. Rotate the central disc to unlock the tines (R)
5. Remove the existing tine and replace with a new one (S)
6. There are 2 types of tine; a left and a right. When replacing a worn tine of one type you should replace it with a new tine of the same type.
7. Fitting is reversal of removal.

Caring for your Product

Cleaning (T)

- **USE GLOVES**
- **IMPORTANT**

It is very important that you keep your product clean. Grass clippings left in any of the air intakes or under the deck could become a potential fire hazard.

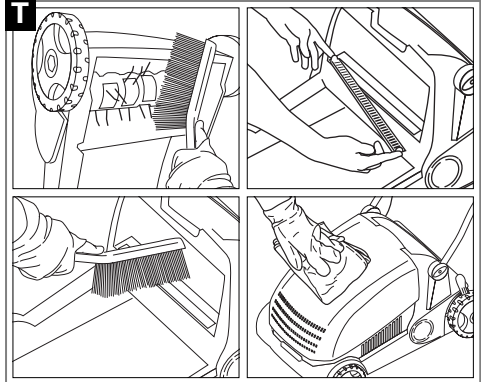
1. Remove grass from under the deck with a brush.
2. Using a soft brush - remove grass clippings from all air intakes, the collection box and the vision window
3. Wipe over the surface of your product with a dry cloth.

- **IMPORTANT**

Never use water for cleaning your product. Do not clean with chemicals, including petrol, or solvents - some can destroy critical plastic parts.

At the End of the cutting Season

1. Replace tines, bolts, nuts or screws, if necessary.
2. Clean your product thoroughly.
3. Make sure that the electric cable is coiled properly.



Storing your product: Store in a dry place where your product is protected from damage

Fault Finding Hints

Fails to Operate

1. Is the correct Starting procedure being followed? See 'To Start your Lawnrake'
2. Is the Power Turned On?
3. Check the fuse in the plug, if blown replace.
4. Fuse continues to blow?

Immediately disconnect from the mains electricity supply and consult your local approved Service Centre.

Poor Collection

1. Disconnect from the mains electricity supply.
2. Clean the outside of the air intakes, the discharge chute and the underside of the deck.
3. Try a different height of rake. See 'Height Adjustment'.
4. Check condition of the Tines and replace if necessary. See 'Removing and Fitting the Tines'.
5. **If poor collection persists.**

Immediately disconnect from the mains electricity supply and consult your local approved Service Centre.

Excessive Vibration

1. Disconnect from the mains electricity supply.
2. Check that the tines are functioning correctly.
3. Replace tines if necessary
4. If vibration persists?

Immediately disconnect from the mains electricity supply and consult your local approved Service Centre.

Lawnrake becomes heavy to push

1. Disconnect from the mains electricity supply.
2. In long grass or uneven ground, the height of cut should be raised to a higher position. See Cutting Height Adjustment.
3. Check that the wheels can rotate freely.
4. If problem persists?

Immediately disconnect from the mains electricity supply and consult your local approved Service Centre.

Service Recommendations

1. We strongly recommend that your product is serviced at least every twelve months, more often in a professional application.
2. Always use genuine Spare Parts.
3. Prepacked spares are available from most Husqvarna Outdoor Products stockists and www.flymo.com.
4. Your product is uniquely identified by a silver and black product rating label
5. If you have a problem with your machine contact your local Approved Service Centre ensuring you have full details of your product as described on the product rating label.

6. **Should it be necessary for work to be carried out by your Service Centre, it is important to take your complete machine including cable and any extension cables used.**

A network of specialist dealers can be found in your local Yellow Pages.

To obtain service on your product simply telephone or visit your local Service Centre.

Should you require service under the terms of our guarantee the Service Centre will require proof of purchase.

All of the centres listed stock genuine Spare Parts.

NOTE: Our Service Repairers act on their own behalf and are not empowered to commit or legally bind Husqvarna Outdoor Products in any manner whatsoever.

Environmental Information

Husqvarna Outdoor Products are manufactured under an Environmental Management System (ISO 14001) using, where practical, components manufactured in the most environmentally responsible manner, according to company procedures, and with the potential for recycling at the end of the products' life.

- Packaging is recyclable and plastic components have been labelled (where practical) for categorised recycling.
- Awareness of the environment must be considered when disposing of 'end-of-life' product.
- If necessary, contact your local authority for disposal information.

Environmental Information



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council office, your household waste disposal service or the shop where you purchased the product.

Guarantee & Guarantee Policy

If any part is found to be defective due to faulty manufacture within the guarantee period, Husqvarna Outdoor Products, through its Authorised Service Repairers will effect the repair or replacement to the customer free of charge providing:

- (a) The fault is reported directly to the Authorised Repairer.
- (b) Proof of purchase is provided.
- (c) The fault is not caused by misuse, neglect or faulty adjustment by the user.
- (d) The failure has not occurred through fair wear and tear.
- (e) The machine has not been serviced or repaired, taken apart or tampered with by any person not authorised by Husqvarna Outdoor Products.
- (f) The machine has not been used for hire.
- (g) The machine is owned by the original purchaser.
- (h) The machine has not been used commercially.

* This guarantee is additional to, and in no way diminishes the customers statutory rights.

Failures due to the following are not covered, therefore it is important that you read the instructions contained in this Operator's Manual and understand how to operate and maintain your machine:

Failures not covered by guarantee

- * Replacing worn or damaged tines
- * Failures as a result of not reporting an initial fault.
- * Failures as a result of sudden impact.
- * Failures as a result of not using the product in accordance with the instructions and recommendations contained in this Operator's Manual.
- * Machines used for hire are not covered by this guarantee.
- * The following items listed are considered as wearing parts and their life is dependent on regular maintenance and are, therefore not normally subject to a valid warranty claim: Tines, Electric Mains cable.
- * **Caution!** Husqvarna Outdoor Products does not accept liability under the warranty for defects caused in whole or part, directly or indirectly by the fitting of replacement parts or additional parts that are not either manufactured or approved by Husqvarna Outdoor Products, or by the machine having been modified in any way.

EC Declaration of Conformity

I, the undersigned M. Bowden of Husqvarna Outdoor Products, Aycliffe Industrial Park, **NEWTON AYCLIFFE**, Co. Durham. DL5 6UP. Certify that the product:-
 Category..... **Electric Scarifier**
 Make..... **Husqvarna Outdoor Products**
 Conforms to the specifications of Directive 2000/14/EEC

I, the undersigned M. Bowden of Husqvarna Outdoor Products, Aycliffe Industrial Park, **NEWTON AYCLIFFE**, Co. Durham. DL5 6UP. Certify that a sample of the above product has been tested using directive 81/1051/EEC as a guide. The maximum A-weighted sound pressure level recorded at operator position under free field semi anechoic chamber conditions was :-

I, the undersigned M. Bowden of Husqvarna Outdoor Products, Aycliffe Industrial Park, **NEWTON AYCLIFFE**, Co. Durham. DL5 6UP. Certify that a sample of the above product has been tested using ISO 5349 as a guide. The maximum weighted root mean square value of vibration recorded at operator's hand position was:-

Type of Cutting Device..... **Tines**
 Identification of Series..... **See Product Rating Label**
 Conformity Assessment Procedure.....**ANNEX VI**
 Notified Body..... **Intertek, Cleeve Road, Leatherhead, Surrey. KT22 7SB England**
 Other Directives:-.....**98/37/EEC, 89/336/EEC, 73/23/EEC**
 & applicable standards:-... **EN61000-3-2, EN61000-3-3, EN55014-1, EN55014-2, EN13684, IEC60335-1, IEC60335-2-92**

Type **LC340**
 Width of Cut **34 cm**
 Speed of Rotation of Raking Device **3750 RPM**
 Guaranteed sound power level **95 dB (A)**
 Measured Sound Power Level **93.47 dB (A)**
 Level **78.4 dB (A)**
 Value **1.87 m/s²**
 Weight **11 kg**

Newton Aycliffe, 10/10/2005
 M. Bowden,
 Research & Development Director

Husqvarna Outdoor Products
 Aycliffe Industrial Park
NEWTON AYCLIFFE
 Co.Durham DL5 6UP
ENGLAND

Telephone - (00) 44 1325 300303 Fax - (00) 44 1325 310339

Our policy of continuous improvement means that the specification of products may be altered from time to time without prior notice.

5107400-01



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