

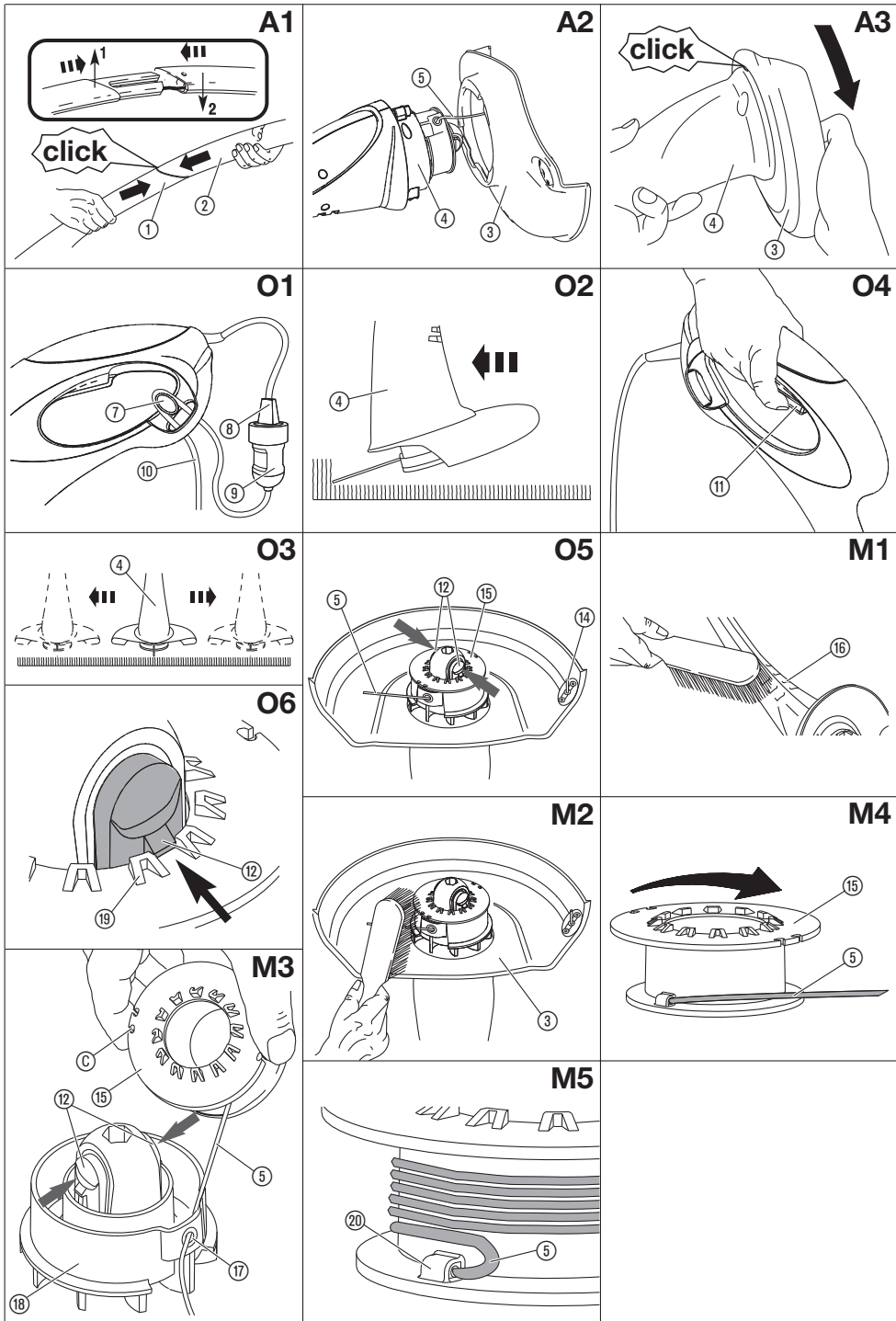
Mini Trim ET21

Art. 9676944-xx

Remark: "xx" stands for customer and country variants. The basic product number is before the hyphen.

EN Operation Instructions

Turbotrimmer



FLYMO Turbotrimmer Mini Trim ET21

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Original instructions.



This product can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have

been given supervision or instruction concerning use of the product in a safe way and understand the hazards involved.

Children shall not play with the product. Cleaning and user maintenance shall not be made by children without supervision.

Intended use:

The FLYMO Turbotrimmer is used to trim and to cut grass and lawns in private house and hobby gardens.

Do not use the product in public facilities, parks, sports grounds, adjacent to roads or in agriculture or forestry.



DANGER! Risk of injury!

→ Do not use the product to cut hedges, to shred or to make compost.

1. SAFETY

Important!

Read the operator's manual carefully before use and keep for future reference.

Symbols on the product:



Read operator's manual.



Keep other persons away.



Danger!
Risk of injury to other persons!
→ Keep other persons out of the work area.



Wear safety glasses and ear protection.



Do not let the product become wet with rain or other moisture. Do not leave the product outdoors while it is raining.



Disconnect the mains cable if the cable becomes damaged or entangled.

General safety warnings

Electrical safety



DANGER! Electric shock!
Risk of injury due to electric shock.

→ The product must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.

Do not overreach and keep the balance at all times. Always be sure of the footing on slopes. Walk, never run.

Do not touch moving hazardous parts before the machine is disconnected from the mains and the moving hazardous parts have come to a complete stop.

Always wear substantial footwear and long trousers while operating the machine.

Cables

If extension cables are used, these must comply with the minimum cross-sections in the table below:

Voltage	Cable length	Cross section
220 – 240 V/50 Hz	Up to 20 m	1.5 mm ²
220 – 240 V/50 Hz	20 – 50 m	2.5 mm ²

1. Mains cables and extensions are available from your local Approved Service Centre.

2. Only use extension cables specifically designed for outdoor use and which conform to one of the following specifications: Ordinary rubber (60245 IEC 53), Ordinary PVC (60227 IEC 53) or Ordinary PCP (60245 IEC 57).

3. If the short connection lead is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Safe operating practices

Training

a) Read the instructions carefully. Be familiar with the controls and the correct use of the machine.

- b) Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of operator.
- c) Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- a) Before use check the supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately.
DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY. Do not use the machine if the cord is damaged or worn.
- b) Before use, always visually inspect the machine for damaged, missing or misplaced guards or shields.
- c) Never operate the machine while people, especially children, or pets are nearby.

Operation

- a) Keep supply and extension cords away from cutting means.
- b) Wear eye protection and stout shoes at all times while operating the machine.
- c) Avoid using the machine in bad weather conditions especially when there is a risk of lightning.
- d) Use the machine only in daylight or good artificial light.
- e) Never operate the machine with damaged guards or shields or without guards or shields in place.
- f) Switch on the motor only when the hands and feet are away from the cutting means.
- g) Always disconnect the machine from the power supply (i.e. remove the plug from the mains, remove the disabling device or removable battery).
 - 1) whenever the machine is left unattended;
 - 2) before clearing a blockage;
 - 3) before checking, cleaning or working on the machine;
 - 4) after striking a foreign object;
 - 5) whenever the machine starts vibrating abnormally.
- h) Take care against injury to feet and hands from the cutting means.
- i) Always ensure that the ventilation openings are kept clear of debris.

Maintenance and storage

- a) Disconnect the machine from the power supply (i.e. remove the plug from the mains, remove the disabling device or removable battery) before carrying out maintenance or cleaning work.

- b) Use only the manufacturer's recommended replacement parts and accessories.
- c) Inspect and maintain the machine regularly. Have the machine repaired only by an authorized repairer.
- d) When not in use, store the machine out of reach of children.

Additional safety warnings

Warning! Keep toddlers away when you assemble the unit. *Small parts can be easily swallowed. There is also a risk that the polybag can suffocate toddlers.*

Warning! When wearing hearing protection, and due to the noise produced by the unit, the operator may not notice persons approaching.

If the unit starts unintentionally when the mains plug is connected, disconnect the mains at once. Contact FLYMO Service to check the unit.

Warning! This unit makes an electromagnetic field while it operates. This field may under some conditions interfere with active or passive medical implants. To decrease the risk of conditions that can possibly injure or kill, we recommend persons with medical implants to speak with their physician and the medical implant manufacturer before operating.

If your trimmer is damaged in any way contact your local approved service centre.

→ Never use a damaged trimmer.

Inspect the area to be cut before each use. Remove all objects such as stones, broken glass, nails, wire, string etc, which can be thrown or become entangled in the trimmer head.



Warning: The cutting line continues to rotate after the machine has been switched off.



Warning: Beware of finger entrapment while putting the upper and the lower shaft together [Fig. A1].

Unplug the device immediately in case it doesn't stop anymore.

Do not lean over the trimmer guard – objects may be thrown by the cutting line.

Don't use the trimmer for pond, river, stream, or creek care. Water in the product could cause a malfunction, or an electrical shock.

Do not operate the trimmer in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Trimmers create sparks which may ignite the dust or fumes.

If the unit starts unintentionally when the mains plug is connected, disconnect the mains at once. Contact FLYMO to check the unit.

2. ASSEMBLY



DANGER! Risk of physical injury!
Cut injury when the product starts accidentally.

→ Before you assemble the product, make sure that the mains cable is disconnected.

To assemble the trimmer [Fig. A1/A2/A3]:

1. Put the upper shaft ① and the lower shaft ② together until they make a click (click).

The product is correctly assembled when there is no gap between the upper shaft and the lower shaft.

- Put the cover ③ on the trimmer head ④ while you feed the cutting filament ⑤ through the opening in the cover ③.

- Push the cover ③ into the trimmer head ④ and turn the cover ③ anti-clockwise (see fig. A3) until it makes a click (**click**).

Make sure, the cover ③ is securely in place (try to turn the cover ③).

3. OPERATION



DANGER! Risk of physical injury!
Cut injury when the product starts accidentally.

→ Before you connect, adjust or transport the product, disconnect the mains cable and transport the product by the bottom handle.

To connect the trimmer [Fig. O1]:



DANGER! Risk of electric shock!
To avoid damage to the mains cable ⑧ the extension cable ⑩ must be inserted into the cable lock ⑦.

→ Before you operate the product insert the extension cable ⑩ into the cable lock ⑦.

- Loop the extension cable ⑩, insert the loop into the cable lock ⑦ and pull tight.
- Connect the plug ⑧ of the product into the socket ⑨ of the extension cable ⑩.
- Connect the extension cable ⑩ into a 230 V mains socket.

Work position [Fig. O2/O3]:

- Hold the product by the handle and the upper shaft so that the trimmer head ④ is tilted a small distance forward.
- Swing the trimmer head ④ in and out of the cutting area. Take small cuts.

Make sure, the filament does not touch hard objects such as walls, stones and fences to prevent the filament from welding together or breaking.

To start the trimmer [Fig. O4]:



DANGER! Risk of physical injury!
Risk of injury if the product does not stop when you release the start button.

→ Do not bypass the safety devices or switches. For example do not attach the start button ⑪ to the handle.

To start:

→ Push the start button ⑪ in the handle.

To stop:

→ Release the start button ⑪.

To extend the cutting filament (manual filament feed system) [Fig. O5/O6]:

- Push and hold the two latches ⑫.
- Pull the filament ⑤ gently until it reaches the filament limiter ⑭.
- Release the two latches ⑫.
Make sure, the latches ⑫ are locked in the latches ⑬.
- Check that the filament cassette ⑮ is correctly locked (Try to remove the filament cassette ⑮ without to push the latches ⑫).**
- Start the trimmer.
- The filament ⑤ is automatically cut to the correct length with the filament limiter ⑭.

If too much filament ⑤ has been pulled out, push the two latches ⑫ and turn the filament cassette ⑮ anti-clockwise until the filament ⑤ is at the correct length.

4. MAINTENANCE



DANGER! Risk of physical injury!
Cut injury when the product starts accidentally.

→ Before you maintain the product, make sure that the mains cable is disconnected.

To clean the trimmer [Fig. M1/M2]:



DANGER! Electric shock!
Risk of injury and risk of damage to the product.

→ Do not clean the product with water or with a water jet (in particular high-pressure water jet). The airflow slots must always be clean.

- Clean the airflow slots ⑯ with a soft brush (do not use a screwdriver).
- Clean all movable parts after each operation. Especially remove any grass and dirt from the cover ③.

To replace the filament cassette or the cutting filament:



DANGER! Risk of physical injury!
Risk of injury from metal cutting parts!

→ Do not use metal cutting parts or replacement parts and accessories not approved by FLYMO.

Only use original FLYMO Filament Cassettes. You can order Replacement Filament Cassettes from your FLYMO dealer or directly from the FLYMO

Customer Service. You can buy either a Replacement Filament Cassette or the Cutting Filament only.

For Mini Trim ET21 Art. 9676944:

FLYMO Filament Cassette and Cutting Filament

Reference no.: FLY031 Part no.: 513106090

To replace the filament cassette [Fig. M3/O6]:

1. Push and hold the two latches (12).
2. Remove the cassette cover.
3. Remove the old filament cassette (15).
4. Remove all dirt in the cassette holder (18).
5. Release the filament (5) from the cleat (C) of the new filament cassette (15).
6. Pull approximately 10 cm of the filament (5) out of the filament cassette (15) through the hole (17) in the cassette holder (18).
7. Put the filament cassette (15) into the cassette holder (18).
Make sure, the filament is not caught and the latches (12) are locked in the latches (19).

8. Check that the filament cassette (15) is correctly locked (Try to remove the filament cassette (15) without to push the latches (12)).

To replace the cutting filament [Fig. M4/M5]:

1. Remove the filament cassette (15).
2. Remove all dirt in the cassette holder (18).
3. Take approximately 5 meters of the filament (5) and insert it into one of the filament lock holes (20) in the filament cassette (15).
4. Wind the filament (5) onto the filament cassette (15) in the direction of the arrows on the top of the filament cassette (15).
Make sure, the filament (5) is neatly wound on the filament cassette (15).
5. Replace the filament cassette (15).

5. STORAGE

To put into storage:

The product must be stowed away from children.

1. Disconnect the mains cable.
2. Clean the product (see 4. MAINTENANCE).
3. Stow the product in a dry area where it has protection from frost.

Recommendation:

The product can be hung up by the handle. The cutting head is not put under too much strain if the product is stowed hanging up.

Disposal:

(in accordance with RL2012/19/EC/S.I. 2013 No. 3113)



The product must not be disposed of to normal household waste. It must be disposed of in line with local environmental regulations.

IMPORTANT!

→ Dispose of the product through or via your municipal recycling collection centre.

6. TROUBLESHOOTING



DANGER! Risk of physical injury!

Cut injury when the product starts accidentally.

→ Before you troubleshoot the product, make sure that the mains cable is disconnected.

Problem	Possible Causes	Remedy
Filament is to short or trimmer vibrates	Filament not fed out and visible.	→ Pull the filament until it reaches the filament limiter
	Filament not removed from the cleat.	→ Remove the filament from the cleat.
	Filament is jammed on the filament cassette.	→ Rewind the filament to remove crossed loops. Check that the filament is neatly wound. If it does not help change the filament cassette.
	Filament is broken inside the filament cassette.	→ Replace the cutting filament.

Problem	Possible Causes	Remedy
Continuous clattering noise	Motor has not reached full speed before use.	→ Allow the motor to reach full speed before use.
	Too much filament has been fed out.	→ Rewind the filament.
	Filament limiter is missing.	→ Contact your local approved Service Center or Husqvarna UK Ltd. Customer Service.
Filament snaps continuously	You do not use the correct working position.	→ Use the correct working position.
	Filament is jammed on the filament cassette.	→ Rewind the filament to remove crossed loops. Check that the filament is neatly wound. If it does not help change the filament cassette.
Poor performance	The cassette holder is dirty.	→ Clean the cassette holder.



For any other malfunctions please contact the Husqvarna UK Ltd. Customer Service. Repairs must only be done by Husqvarna UK Ltd. service departments or specialist dealers approved by FLYMO.

7. TECHNICAL DATA

<i>Turbotrimmer</i>	Unit	Value (ET21)
Motor power consumption	W	230
Mains voltage	V	230
Mains frequency	Hz	50
Cutting filament thickness	mm	1.5
Cutting width	cm	21
Cutting filament supply	m	5
Cutting filament feed		Manual filament feed system
Speed of cutting filament	rpm	12,300 – 13,300
Weight	kg	1.75
Sound pressure level L_{pA}¹⁾ Uncertainty k_{pA}	dB(A)	82.7 3.0
Sound power level L_{WA}²⁾ measured / guaranteed Uncertainty k_{WA}	dB(A)	90 / 92 2.0
Hand/arm vibration a_{vhw}¹⁾ Uncertainty k_a	m/s^2	< 2.5 1.5

Measuring process complying with ¹⁾ EN 50636-2-91 ²⁾ RL 2000/14/EC / S.I. 2001 No.1701



The stated vibration emission value has been measured according to a standardized test procedure and can be used for comparison of one electric power tool with another. It can also be used for preliminary evaluation of exposure. The vibration emission value can vary during actual use of the electric power tool.

8. ACCESSORIES

FLYMO Filament Cassette and Cutting Filament

Reference no.: FLY031
Part no.: 513106090

9. Service/Warranty

Service:

Please contact the address on the back page.

Warranty statement:

In the event of a warranty claim, no charge is levied to you for the services provided.

Husqvarna UK Ltd. grants a warranty for all original FLYMO new products for two years from the date of original purchase from the retailer, provided that the devices have been for private use only. This manufacturer's warranty does not apply to products acquired second hand. This warranty includes all significant defects of the product that can be proved to be material or manufacturing faults. This warranty is fulfilled by supplying a fully functional replacement product or by repairing the faulty product sent to us free of charge; we reserve the right to choose between these options. This service is subject to the following provisions:

- The product has been used for its intended purpose as per the recommendations in the operating instructions.
- Neither the purchaser nor a third party has attempted to open or repair the product.
- Only Original FLYMO replacement parts and wear parts have been used for operation.

- Presentation of the receipt.

Normal wear and tear of parts and components (such as blades, blade fixing parts, turbines, light bulbs, V-belts/toothed belts, impellers, air filters, spark plugs), visual changes, wear parts and consumables are excluded from the warranty.

This manufacturer's warranty is limited to replacement and repair of products in accordance with the abovementioned conditions. The manufacturer's warranty does not constitute an entitlement to lodge other claims against us as a manufacturer, such as for damages. This manufacturer's warranty does **not**, of course, affect statutory and contractual warranty claims against the dealer/retailer.

The manufacturer's warranty is governed by the law of the Federal Republic of Germany.

In case of a warranty claim, please return the faulty product, together with a copy of the receipt and a description of the fault, with postage paid to the service address.

Consumables:

The cutting filament and the filament cassette are consumables and are not included in the guarantee.

Product liability



In accordance with the German Product Liability Act, we hereby expressly declare that we accept no liability for damage incurred from our products where said products

have not been properly repaired by a FLYMO-approved service partner or where original FLYMO parts or parts authorised by FLYMO were not used.

EC Declaration of Conformity

The undersigned hereby certifies as the authorised representative of the manufacturer, Husqvarna AB, 561 82 Huskvarna, Sweden, that, when leaving our factory, the unit(s) indicated below is / are in accordance

with the harmonised EU guidelines, EU standards of safety and product specific standards. This certificate becomes void if the unit(s) is / are modified without our approval.

Description of the product:	Lawn Trimmer MiniTrim	
Product type:	ET21	
Article-Number:	9676944-xx	
CE-Directives:	2006/42/EC 2014/30/EU 2011/65/EU 2000/14/EC	
Harmonised EN:	EN ISO 12100 EN 60335-1 EN 50636-2-91	
Deposited Documentation:	GARDENA Technical Documentation, M. Jäger, 89079 Ulm	
Conformity Assessment according to:	2000/14/EC Procedure: art. 14 Annex VI	
Noise level: measured / guaranteed	90 dB(A) / 92 dB(A))	
Ulm, 07.09.2021		
Authorised representative:	 Reinhard Pompe Vice President Products	 Wolfgang Engelhardt Vice President Supply Chain

UKCA Declaration of Conformity

The manufacturer: Husqvarna AB SE 561 82 Huskvarna, Sweden hereby certifies, when leaving our factory, the unit(s) indicated below is/are in accordance with the UK Regulations, designated standards of safety and

product specific designated standards. This certificate becomes void if the units are modified without our approval.

Description of the product:	Lawn Trimmer MiniTrim
Product type:	ET21
Article number:	9676944-xx
UK regulations:	S.I. 2008/1597 S.I. 2016/1091 S.I. 2012/3032 S.I. 2001/1701
Designated standards:	EN ISO 12100 EN 60335-1 EN 50636-2-91
Authorised Representative:	Husqvarna UK Limited
Deposited Documentation:	Preston Road, Aycliffe, County Durham UK DL5 6UP
Noise level: measured / guaranteed	90 dB(A) / 92 dB(A)
Conformity Assessment according to:	According to S.I. 2001/1701 Art, 11 Schedule 9

Aycliffe, 07.09.2021
Authorised Representative:



John Thompson
Director

Service Address and Importer to

Great Britain

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