

**ALLETT MOWERS LIMITED**

**BADEN POWELL ROAD  
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ARBROATH. SCOTLAND**

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**FRED THE EDGE  
FRED**

## **GENERAL INFORMATION**

The Allett Fred The Edge precision lawn edger has been manufactured to give a cost effective and reliable service. The products have been designed in conjunction with Green Keepers and Groundsman to give the professional user the features that are needed in order to produce the required results.

The manual covers the following products : -

Fred The Edge – A precision edging machine supported on two transport rollers and using the unique Allett edge roller guidance system to ensure accurate and precisely controlled edge trimming. The swinging handle bar allows for left and right hand operation, and allows for full flotation over ground contours. The simple brush cutter engine and cord head give low running cost and reliable low maintenance trimming.

## **INTENDED USE FOR THE PRODUCT**

These products are only intended for the use on professional turf areas. The equipment may only be used on green grass foliage and horticultural loam based soil structures. Use on any other substance/medium or for any other purpose is prohibited, and may injure the operator, bystanders and could damage the machine and will invalidate the warranty. Liability will not, under any circumstances, be accepted for misuse, abuse or neglect of or in connection with the product.

## **SAFETY**

Throughout these instruction additional safety reminders are made for the added benefit of all, however the following points must always be adhered to.

When working with the equipment, the first and most important consideration of the operator, mechanic or any other person must be SAFETY of ones self and others. Safe working practice must be implemented at all times.

The area of operation must be clear of all obstructions, hazards and bystanders.

Operation of this equipment may represent a Health & Safety Risk – implement a safety risk assessment prior to use.

Left and Right hand sides are as viewed with the cord head/cutting mechanism to the left and the engine recoil assembly to the right.

For best results it is important hat this equipment is maintained correctly. Neglecting to service and maintain the equipment is a safety risk.

Never use the equipment with the head cord/cutting mechanism unguarded.

Always stop the engine before adjusting the cord length.

The equipment must be made safe before any adjustment or repair is made – no exceptions.

The equipment should be placed on a workbench to carry out maintenance or repair.

To make the equipment safe to work on : -

Place the machinery in a safe environment.  
Stop the engine.

Use safe working practice (conduct a risk assessment before commencing work).

Work with an assistant, i.e. to help move components.

Find out how to carry out a repair before starting.

Do not lift this equipment alone if you find it too heavy.

When handling petroleum or refueling this machine always follow national standards in safe working practice, do not smoke or run the engine.

## **SPECIFICATIONS**

WEIGHT	18.5kg
LENGTH	410mm
HEIGHT	400mm
+HANDLE	1120mm
WIDTH	450mm
WORKING DEPTH	50mm
ENGINE CAP	22cc
FUEL TYPE	Unleaded Petrol
ENGINE OIL	10W40

## **BUILD UP INSTRUCTIONS**

Allett Equipment is shipped in a semi assembled condition and will require a Pre Delivery Inspection (PDI) to ensure it is fully functional and in safe condition.

Fred The Edge is shipped in a semi-assembled condition. The handle bar tube will require fitting to the connecting spigot. Remove the Allen headed screw from the spigot and slide the handle tube onto the spigot, refit the Allen screw into the middle hole on the guide roller side of the spigot (not the engine side). In addition the machine will require engine oil and fuel to be added to the correct levels. The engine should be topped up to the dipstick mark with SAE 10W40. The engine holds 0.1 litres of oil and 0.45 litres of unleaded fuel.

All the hard wear and securing bolts will require checking to ensure they are tight. In addition it is important to check that the cord head/cutting device is correctly installed and secured. Ensure all pins and clips are correctly installed.

## **OPERATION**

The Allett product range has been designed to give simple and effective operation.

Prior to operation, it is essential to check that the equipment is safe to use and that the engine oil level is correct, also the cord length is set correctly.

Place the machine on the lawn to be cut with the cutting cord overhanging the edge of the lawn. Adjust the black plastic guidance rollers to suit the depth of the drop edge and amount of overhanging grass required. There are notches provided in the adjustable brackets to help the setting of the brackets at equal distances.

To start the equipment : -

Prime the fuel system by pumping the fuel bulb 4 times.

Set the choke to the on position.

Set the throttle trigger to the fast run position by depressing the safety blade on the back of the handle, squeeze in the throttle and depress the small orange locking pin.

Ensure the stop switch is in the ON ('I') position.

Pull the recoil handle in short sharp strokes.

Once the engine is running, ease off the choke and allow the engine to warm up. It may take 2 or 3 minutes for the engine to warm up.

Place the equipment against the edge of the lawn and push it along in the direction required. Once confident with the machine it can be operated at a good walking pace if the edge is suitable.

## **NOTE**

Operation of equipment may represent a Health and Safety risk – it is the responsibility of the site manager to implement a risk assessment prior to use.

## **NOTE**

When operating any of this equipment the area must be cleared of all obstructions and bystanders. It is the responsibility of the operator/site manager to ensure that all under ground obstructions are identified and avoided. Allett Mowers will not accept claims for damage or liability caused by striking under or over ground obstructions, pipes, cables or any other item including living beings.

To turn the machine off, operate the stop switch on the handle bar control. Allow time for the cord head to stop rotating before attempting to adjust the cord length or clean out the guard area.

## **ADJUSTMENTS AND SETTINGS**

There are three areas of operational adjustments or settings : -

**EDGING ROLLERS** – The edge control rollers are mounted on a common frame. The rollers can be adjusted UP or DOWN, IN or OUT and inclined to the LEFT or RIGHT. To make an adjustment slacken the hand nuts and align the roller frame to the desired position using the notches in the framework to help set the frame equally at each end. Once the desired setting is made tighten the hand nuts firmly.

**TRANSPORT ROLLERS** – The transport rollers can be set to give a ‘toe in’ effect on the frame. In other words the rollers can be set to make the frame steer into the edge. This feature helps the equipment follow the edge correctly. The recommended setting is to have the front roller set to steer in and set straight. This will ensure that the ‘front’ will steer into the edge and the ‘rear’ will follow on.

**HANDLE BAR** – The handle bar is of a swinging construction. To change direction or to suit left or right handed operators, simply swing the handle bar over the top of the engine to the opposite position. The handle bar is on a simple lift and twist bayonet fixing to easily place the hand control unit in the correct position. The handle bar has an optional ‘swing out’ feature, which will allow the unit to be pushed along from a side on position i.e. to push the equipment from a pavement and not from behind the equipment on the lawn

area. To operate this feature remove the lock pin located at the base of the handle bar tube and swing the handle bar out to the desired position.

## **NOTE**

When carrying out any adjustment observe the prevailing safe working practice and ensure there are no bystanders within 2 meters (6'6") of the equipment.

## **MAINTENANCE**

The Allett product range has been designed for ease of maintenance, however it is not maintenance free.

### Daily Maintenance

The equipment must be inspected prior to each work period for signs of damage or deterioration, check for : -

Check engine oil level	top up if required.
Clean the engine air filter	renew if worn.
Cord head and cord	adjust cord length, renew head if damaged.
Check safety guard is in place	renew if damaged, bent or missing.
Check the frames and linkages for damage or wear	repair or renew if damaged, bent or missing.
Check the cord head mounting bearings	renew if worn.

## **WEEKLY MAINTENANCE**

Follow the engine manufacturers maintenance schedules. We strongly recommend that the engine oil be renewed every 40 working hours.

## **ANNUAL MAINTENANCE**

Service the engine to the manufacturers schedules.

Remove check and refill the cord head - renew damaged components.

Check all bearings for wear – renew if in doubt.

Remove handle bar pivot clean, inspect and grease.

Check engine clutch shoes for wear – renew if worn.

Check safety guard – renew if damaged, bent or missing.

Check the frames and linkages for damage or wear – repair or renew if damaged, bent or missing.

Check all rollers are free of damage and wear – renew if worn.

Ensure all safety/warning decals are fitted – fit new if damaged or missing.  
Tighten all hard wear.

Ensure all controls work correctly – renew or repair all defective parts.

## **NOTE**

Safe working practice must be applied whenever any maintenance is carried out on this equipment. See section

## **SAFETY OF THIS MANUAL.**

## **HELP CONTACTS**

For service or technical information please contact : -

Allett Mowers Ltd.  
Baden Powell Road  
Kirkton Industrial Estate  
Arbroath  
Scotland  
DD11 3LS

Phone (44)(0) 1241 437740  
Fax (44)(0) 1241 431715  
Email - [technical@allett.co.uk](mailto:technical@allett.co.uk)  
Website – [www.allett.co.uk](http://www.allett.co.uk)

OR

Your supplying Dealer (Dealer please stamp here) : -

## **ENVIRONMENT**

This equipment has been designed with the environment in mind. Where ever possible Allett Mowers has used the minimum amount of materials to the best effect. Quality has not been compromised and yet effectiveness has been enhanced by this policy.

It is the responsibility of the owner/operator to ensure that all components are disposed of in an environmentally conscientious manner. Approved disposal sites must be used at all times. If a recommended site is not available please return the item, carriage paid, to Allett Mowers, by a safe and clean method for disposal.

Suggested disposal methods : -

Cardboard	: paper mill collection point.
Timber	: reuse for other applications.
Plastic	: local authority disposal point.
Metal	: scrap collection service for recycling.

## **NOTE**

Allett Mowers has an environmental Policy Statement and participates 'good environmental practice'. Please ask for a copy of our environmental policy if this subject is important to you and your organisation.

## **WARRANTY**

E and OE conditions apply to this publication. All products are supplied subject to the Allett Mowers Trading Terms and Conditions.

The warranty only applies to items of Allett manufacture that fail due to faulty workmanship or materials within the warranty period of 90 days from the date of purchase.

## **THE WARRANTY COVER**

Manufacturing or assembly defects in whole goods that become apparent during the acknowledged warranty period, provided a completed warranty registration has been returned to Allett within 14 days of sale.

Failure to register the machine with Allett Mowers will invalidate the warranty.

Manufacturing defects in genuine service parts apparent within three months of purchase provided they are fitted to a standard Allett machine by a competent mechanic.

Claims must be submitted within 30 days of repair. Claims outside this time will be rejected.

## **NOTE**

A warranty authorisation number is required for all claims. Fax on (44)(0) 1241 431715 for authorisation – Allett may be able to provide additional information to aid your repair, and it will warn us of any problems. Please provide a brief description of the failure and the machine serial number.

## **WARRANTY DOES NOT COVER**

Drive belts, blades, knives, strimmer cord or cord heads and tines are the responsibility of the customer in all cases.

Oils and lubricants are the responsibility of the customer in all cases.

The warranty does not cover abuse, misuse, accidental or unintended damage to the equipment. Nor does it cover fire, theft or vandalism. Claims that result from a lack of maintenance or incorrect application or adjustment of the equipment will not be accepted.

Failure due to chemical attack i.e. fertilizer, or unfair wear and tear are not covered by this warranty.

Liability for consequential or third party losses or any other costs/claims will not be accepted by Allett under this warranty. This does not affect your statutory rights.

Failure where the equipment has been modified or changed in any way from the Allett specification or where non genuine parts of an inadequate quality have been fitted will not be covered by this warranty.

The warranty does not cover un-approved accessories, nor for failures resulting from the fitment or use of these accessories.

Costs incurred in transportation or traveling expenses incurred as a result of any failure.

Parts or third party repairs, for which an Allett part number or a copy invoice cannot be produced, will not be accepted.

The warranty will not apply if the type or serial numbers have been altered, removed or made illegible in any way.

Failure due to fair wear and tear.

Engine related failures must be addressed directly to your local authorized engine dealer. Engine failures are not the responsibility of Allett Mowers Ltd.

**PARTS LIST 1  
FRED THE EDGE MKII**

<b>ITEM NO</b>	<b>DESCRIPTION</b>	<b>PART NO</b>
1	Guide Wheel Fab	RT-00005000
2	Spacer Tube	RT-00005001
3	Handwheel	RT-00005002
4	Guide Support	RT-00005003
5	Guide Frame	RT-00005004
6	Wheel Assembly	RT-00004609
7	M12 Washer	WM12
8	M12 Nyloc Nut	NNM12
9	Cover	RT-00005005
10	Latch Assembly	PROTEX
11	Setscrew M6 x 75	SM675
12	Nylon Head	SAWTEC
13	Head Adapter (MK1 only)	RT-00005008
14	Circlip	RT-00005009
15A	Bearing Small (MK1 Steel)	RT-00005010
15	Bearing Large	RT-00005011
16A	Steel Hub (MK1 Only)	RT-00005013
16	Aluminum Hub (Mk2 Only)	RT-00005017
17	Clutch Drum Shaft (MK2)	RT-00005014
17A	Stub Shaft (MK1 Only)	RT-00005015
17B	Clutch Drum Shaft (MK1)	RT-00005016
18	Roller Complete	RT-00005012
19	Roller Axle	RT-00005018
21	Nyloc Nut 3/8" UNF	N11002
22	Chassis	RT-00005019
23	Roller Scraper	RT-00005020
24	Honda Engine	GX22
25	Latch Securing Rivet	RT-00005033
26	Cable Tie	
27	Engine Bar	RT-00005021
28	Cap Head Bolt M6 x 16	RT-00036432
29	Locking Pin	Rt-00003152
30	Setscrew M8 x 45	SM845
31	Nyloc Nut M8	NNM8
32	Washer M8	WM8
33	Handlebar	RT-00005022
34	Control Assembly	RT-00005023
35	Circlip Large	RT-00005024
35A	Circlip Small	RT-00005025
36	Throttle Cable	RT-00005027
37	Setscrew M6 x 20	SM620
38	Spacer Tube	RT-00005028

**PARTS LIST 1  
FRED THE EDGE MKII**

<b>ITEM NO</b>	<b>DESCRIPTION</b>	<b>PART NO</b>
39	Nyloc Nut M6	NNM6
40	Washer M6	WM6
41	Spring Washer M6	SWM6
42	Spool Head Nut (RH Thd)	RT-00005029
43	Spring Washer M6	RT-00005122
44	Nylon Line 2.4mm (2.3kg)	RT-0000512
45	Handle Pivot Bracket	RT-00005117
46	Handle Bar Connect Rod	RT-00005111
47	Safety Decal	RT-00004577
48	Aluminium Eyelets	RT-00005121
49	Belleville Washer	W11030