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### **EU CERTIFICATE OF CONFORMITY**

CONFORMING TO EC Machinery Directive 98/37 EC.

We:

Fleming Agri-Products Ltd  
Newbuildings Industrial Estate  
Newbuildings  
Northern Ireland  
BT47 2SX



declare in sole responsibility, that the product

Type: **6FT Side Mounted Topper**

to which this certificate applies, conforms to the basic safety  
and health requirements of the EC Machinery Directive  
98/37 EC,

and the Transposed Harmonised Standards:

BS EN 745 (1999)  
BS EN 1553 (2000)

Jonathan Lecky  
**Production Director**



**6ft Side Mounted Topper  
Operators Manual  
& Parts List**

**Fleming Agri-Products Ltd  
Newbuildings Industrial Estate  
Newbuildings  
Northern Ireland  
BT47 2SX**

**Tel: (028) 7134 2637**

**Fax: (028) 7134 4735**

**Email: [info@fleming-agri.co.uk](mailto:info@fleming-agri.co.uk)**

**[www.fleming-agri.co.uk](http://www.fleming-agri.co.uk)**

**‘Quality, Strength & Personal Service’**

This manual is provided to assist you in getting the best results from your machine and ensure that you do so safely. If you have any queries about the use of the machine contact your dealer before use. Please keep this manual for future reference.

This topper has been designed to be easily and safely transported behind a tractor while also giving an even and clean cut on uneven ground by being fully offset with bi-lateral movement when in the topping position. The heavy-duty rotor with swinging blade system allows the topper to withstand the excessive pressures of wet conditions and to absorb small impacts without effecting performance.

The cutting height is adjustable in convenient steps from the minimum depth of 30mm to a maximum depth of 120mm. The depth is easily adjusted by altering the position of the skids which are positioned at each side of the topper. These skids ensure that the topper provides a uniform cut without grounding while on undulating pastures.

This topper will successfully operate in wet conditions and on heavy pasture such as rushes, however it is unsuitable for topping set-aside. While this topper is primarily designed for agricultural use it performs excellently when used for topping playing fields or other local authority areas.

### 1.1 FUNDAMENTAL PRECAUTIONS

On delivery, your dealer gave you an explanation of the operation and maintenance of this Fleming topper. Please read and understand these operating instructions before operating the machine for the first time. It is essential that you observe all safety instructions.

Incorrect use or mishandling of the machine can endanger:

- Life and Limb of the operator, other persons or animals standing within the vicinity of the machine.
- The machine and other material assets of the owner or third persons.
- The performance of the machine.

Anyone who is involved in the commissioning, operation or maintenance of the topper must read and understand the following instructions very carefully and observe them at all times.

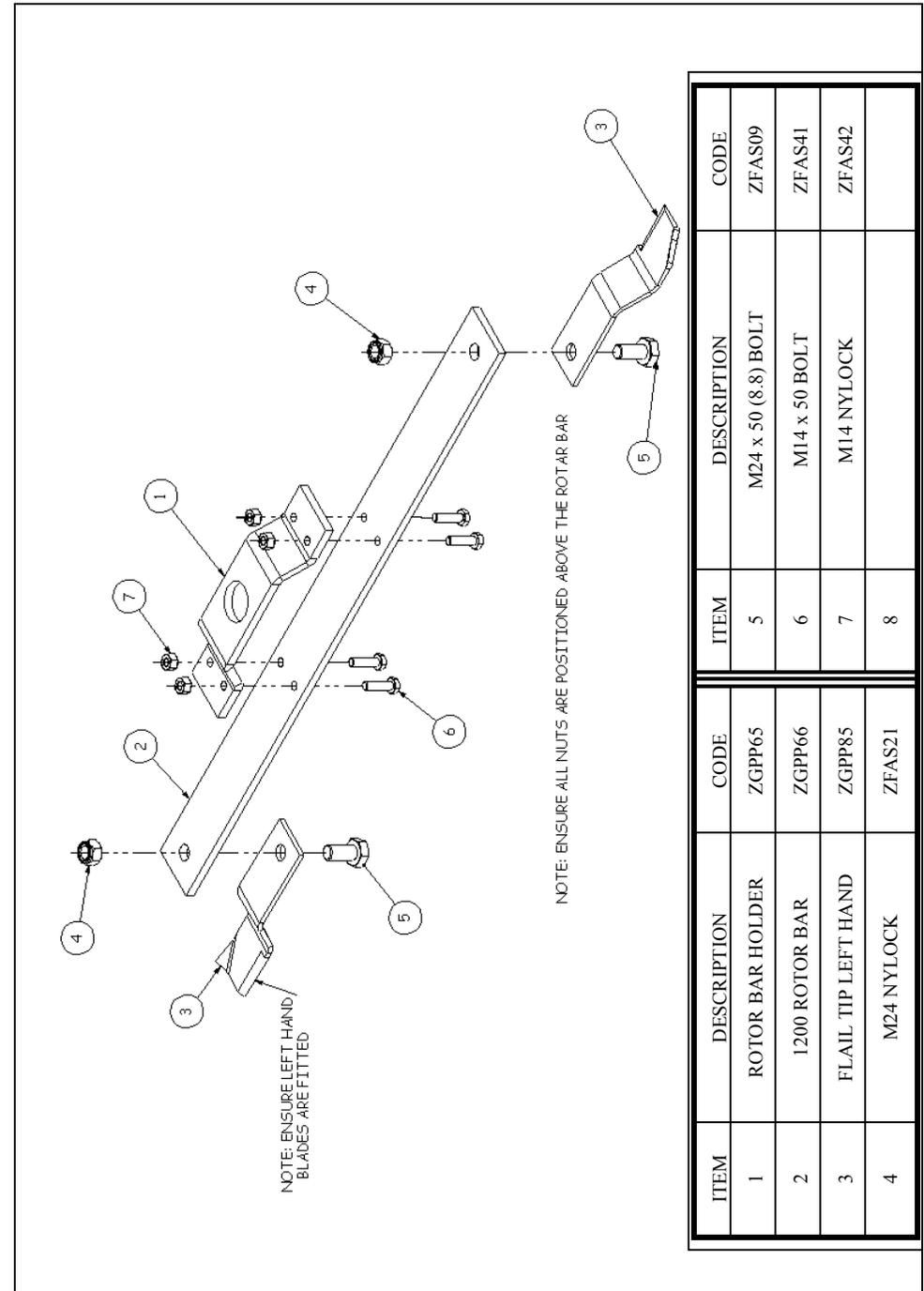
### NEVER DISTRACT ANYONE WHO IS USING A MACHINE.

### 1.2 AUTHORISED OPERATORS

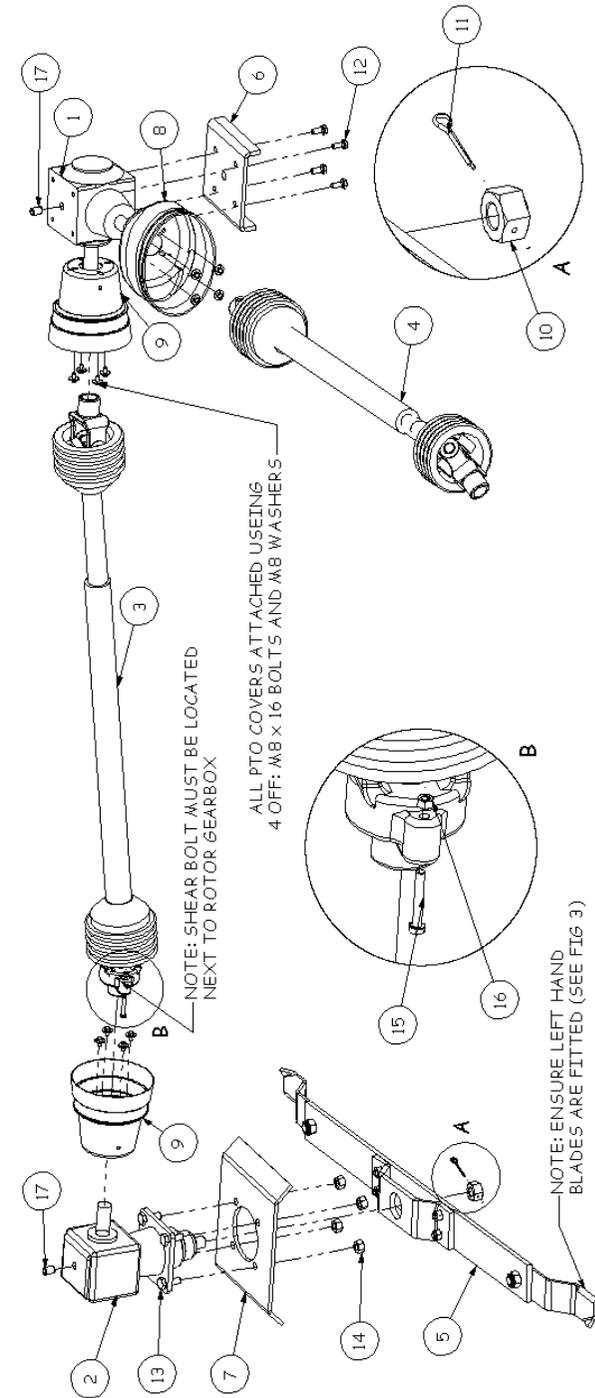
Youths under the age of 16 must not operate this implement. The owner of the machine must provide the operator with the operating instructions and make sure they have read and understood them. Only then may the topper be put into operation.

The owner must ensure that only authorised persons operate/work on this machine. He is responsible for any third persons or animals within the working area of the topper.

**A SAFE DISTANCE OF AT LEAST 30M MUST BE OBSERVED BY ANYONE WITHIN THE VICINITY OF THE TOPPER.**



ITEM	DESCRIPTION	CODE	ITEM	DESCRIPTION	CODE
1	ROTOR BAR HOLDER	ZGPP65	5	M24 x 50 (8.8) BOLT	ZFAS09
2	1200 ROTOR BAR	ZGPP66	6	M14 x 50 BOLT	ZFAS41
3	FLAIL TIP LEFT HAND	ZGPP85	7	M14 NYLOCK	ZFAS42
4	M24 NYLOCK	ZFAS21	8		



ITEM	DESCRIPTION	CODE	ITEM	DESCRIPTION	CODE
1	SIDE ARM GEARBOX	ZGPP58	10	TOPPER CASTLE NUT	TOPCN
2	ROTOR GEARBOX	ZGPP02	11	2" x 3/16" COTTER PIN	ZFAS58
3	TOP PTO SHAFT (1.400)	ZGPP05	12	M12 x 30 BOLT	ZFAS10
4	TOP 6SM PLAIN SHAFT	ZGPP127	13	M16 x 45 (8.8) BOLT	ZFAS11
5	ROTOR ASSEMBLY		14	M16 NYLOCK	ZFAS23
6	SIDE ARM GEARBOX PLATE		15	M8 x 50 (8.8) SHEAR BOLT	ZFAS69
7	FLOATING DECK GEARBOX PLATE		16	M8 NYLOCK	ZFAS55
8	OVER GEARBOX GUARD	ZGPP86	17	BREATHER BUNG	ZGPP64
9	GEARBOX GUARD	ZGPP03			

### 1.3 GENERAL SAFETY AND ACCIDENT PREVENTION REGULATIONS

- Ensure the implement is correctly and securely attached to the operating vehicle 3-point linkage using the lift arm pins and locking lynch pins provided.

- NEVER** attach to a tractor which would be rendered unstable when the implement is operated at its full capacity. Take note of the maximum load permissible on the linkage. The weight of the 6FT Side Mounted Topper is 431kg.

- Extra care must be taken as the implement can cause instability due to the projection out the rear or the side of the tractor.

- Take extra care when operating machinery on sloping ground. **NEVER** operate on ground on which there is a risk of the tractor becoming unstable.

- Always ensure that when transporting the topper the side mount arm and floating deck are secured in the transport position using the handle pin and lynch pin provided.

- When detaching the implement from the tractor always ensure that it is stable and is safely positioned on a level surface.

- CAUTION** extra care must be taken when detaching the implement from the tractor to ensure that the A frame is secure on the stand provided.

- WARNING:** The attaching and detaching of the implement to a tractor must be carried out by only one operator. There should not be any other people in the vicinity of the implement or in the tractor.

- Before operation make yourself familiar with all elements and controls of the machine as well as their functions.

- Under NO Circumstances** should anyone attempt to use the topper or the three point linkage as a means of personal transport. It is designed as a special purpose farm implement and is unsuitable for the safe transportation of passengers. To avoid personal injury do not allow hands or limbs to enter the area between the hitch and main body.

- NEVER** allow children to play on or around tractors and machinery.

- Operators should not wear loose fitting clothing when working close to PTO driven equipment. Keep long hair tied back. **NEVER** be in the vicinity of a rotating PTO shaft.

- ALWAYS** disengage the PTO before dismounting from the tractor.

- NEVER** operate the topper unless all safety guards are fitted and are firmly in position. **ALWAYS** ensure that all guards and covers are replaced after carrying out maintenance or adjustments.

- NEVER** attempt to adjust the topper skids without the topper being in a stable and safe position.

- NEVER** attempt to move this implement manually.

- ALWAYS** disengage the PTO shaft, apply the hand brake, stop the tractor and remove the key before carrying out any maintenance or adjustments to the topper. The blades continue to rotate for some time after the tractor is stopped. **ALWAYS** ensure that the blades have totally stopped moving before approaching the topper.

- Take extra care when carrying out maintenance and adjustments, as this is when most farm accidents occur.

- ENSURE** the PTO shaft is the correct length to suit the tractor.

- ALWAYS** ensure that the PTO tubes and universal joints have sufficient grease.

- Regularly check the PTO shaft and guard for damage and replace if any damage is found.

- ALWAYS** use M8 x 50mm shear bolts with a rating of 8.8 on the knuckle joint. Standard bolts or shear bolts with a rating greater than 8.8 may cause undue stress to the topper and risk life and limb.

## 1.4 GENERAL OPERATING INSTRUCTIONS

- This is a tractor-mounted implement. Attempts should not be made to attach the topper to any other type of vehicle. If the topper is to be transported on a trailer then it should be securely attached using suitable restraints.

- Never use incorrectly sized lift arm or top link pins when attaching the topper. Ensure top link has sufficient adjustment to facilitate correct setting of the topper.

- Fit the topper to the three-point linkage in the normal way. Ensure that the PTO is correctly connected before use.

- Adjust the topping height by removing the 4 bolts on each skid and set to the required height. Only adjust the height when the topper is on stable ground and suitably supported. **ENSURE TRACTOR IS STOPPED, THE BLADES HAVE STOPPED MOVING AND THE TOPPER IS SUFFICIENTLY SUPPORTED.**

- DO NOT ENGAGE THE PTO WHEN IN THE TRANSPORT POSITION.**

- Ensure the working area is clear of stones or anything which may cause damage to the topper or increase the danger to life and limb.

- With the PTO shaft and all safety guards in place it is safe to start topping.

- Begin to operate at a low RPM and gradually increase to **540 RPM** before moving forward

- When changing the topper from the operating position to transport position or from transport position to operating position always ensure that the PTO is **NOT** engaged and that limbs are kept clear of the impact points between the deck supporting swing frame and A frame. Ensure that the topper is held securely in position using the handle pin and lynch pin provided. **NEVER** change the position of the topper when on sloping or unstable ground

## 1.5 MAINTENANCE

- As a rule, disengage the driving system and stop the engine prior to carrying out maintenance, servicing, cleaning or repair work. **ALWAYS** remove the ignition key.

- Prop the topper with appropriate supports and ensure the blades have stopped moving before carrying out any maintenance.

- The manufacturer will not be responsible for any damages or injuries caused by unauthorised repair, alterations or mishandling of the product.

- Maintain product with care checking regularly for damage that would affect the safe operation of the implement.

- ALWAYS** use genuine Fleming parts.

- Check oil level in gearboxes before operating and at regular intervals. Oil should be 10mm below the breather bung on both the rotor gearbox and side arm gearbox.

- Change oil after first 50 hours and every 500 hours after. Correct oil quantity is 0.8 litres in the rotor gearbox and 1.2 litres in the side arm gearbox. Use SAE 90 Gear Oil.

- Fill gearboxes by removing plugs at top and side of gearbox.

- CAUTION** The gearboxes may become hot during use. Allow time for the housing and the oil to cool sufficiently before carrying out any maintenance.

- To ensure that all the sludge's and contaminants are removed during an oil change, the oil should still be warm when it is drained.

- Grease PTO shaft tubes, universal joints and all other greasing points (marked with a sticker) daily.

- Check holding bolts on gearbox after every 5 hours of use and tighten if necessary for the first 20 hours and periodically afterwards.

- Regularly check that blades are kept sharp and free from damage. Replace if any damage is apparent.

- When replacing the blades ensure only the correct FLEMING blades are used. Blades should be replaced in pairs to ensure that the rotor remains balanced. **ALWAYS** replace the blade bolts with new genuine Fleming bolts when the blades are changed. (See rotor assembly fig).

- The bolts which attach the blades should be tightened fully and then slacked off until the blade is free to rotate.

- ALWAYS** ensure all warning stickers are kept clean and in good condition replacing where necessary.

- CAUTION** paintwork may be damaged if high-powered washers are used when cleaning the topper.