

Register your New Fleming Product @
<http://www.fleming-agri.co.uk/Products/product-registration.asp>

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: Round Bale Grabber

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 1553 (2000)

Jonathan Lecky
Production Director

The Fleming logo features a stylized blue and yellow graphic of a plant or leaf on the left, followed by the word 'FLEMING' in a bold, blue, sans-serif font. The entire logo is set against a yellow rectangular background.

**Round Bale Grabber
Operators Manual**

**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

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.

1.1 FUNDAMENTAL PRECAUTIONS

On delivery, your dealer gave you an explanation of the operation and maintenance of this Fleming Grabber. Please read and understand these operating instructions before operating the grabber 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 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 bale grabber must read and understand these 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 grabber must provide the operator with the operating instructions and make sure they have read and understood them. Only then may the grabber be put into operation.

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

THE OPERATOR MUST BE FULLY TRAINED BEFORE USING THE IMPLEMENT ESPECIALLY WHEN MOUNTED ON THE FRONT OF THE TRACTOR

A SAFE DISTANCE OF AT LEAST 10M MUST BE OBSERVED BY ANYONE WITHIN THE VICINITY OF THE BALE GRABBER.

•1.5 HYDRAULIC SAFETY

•**CAUTION** The hydraulic system is under high pressure.

•Ensure that only high-pressure hoses are used to connect supply to the grabber's hydraulic cylinder. Check hoses regularly and renew any that are damaged or worn.

•Before working on the hydraulics lower the grabber, release the pressure from the system and stop the tractor engine.

•When connecting hydraulic rams make sure that the hydraulic hoses are coupled correctly. Pressure should be released from the system both on the tractor and on the implement side prior to coupling the hoses to the tractor hydraulics.

•**CAUTION** Hydraulic oil forced out under pressure can break the skin and cause severe injury. In the event of a hydraulic oil leak stop the tractor flow immediately. **DO NOT PUT HANDS NEAR A LEAKING PIPE.**

1.6 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 machine with appropriate supports before carrying out any maintenance work.

•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. Check periodically for damage that would affect the safe operation of the implement.

•**ALWAYS** ensure all warning stickers are kept clean and in good condition.

•Regularly check the bolts at the hinge points and tighten if necessary.

•Regularly lubricate the hydraulic cylinder and hinges using clean grease.

•Cover the chromed area of the hydraulic cylinder with a layer of grease during prolonged periods of inactivity.

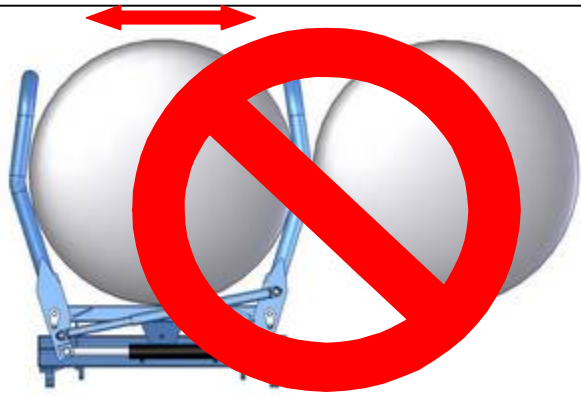


Figure 4: With the traveller limiter pin **fitted** the grab arms must **NOT** be opened if obstructed on either side. **It is recommended that the travel limiter pin is fitted when removing bales from a bale stack.**

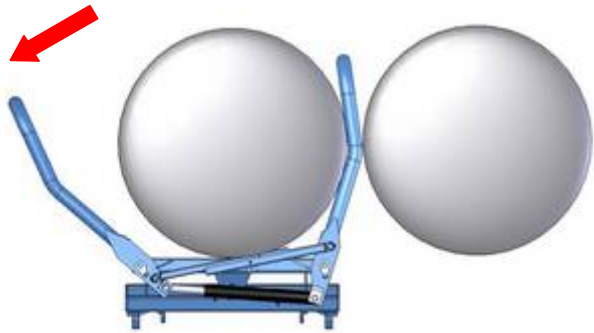


Figure 5: With the traveller pin **removed** the arm on the free side of the bale will move. **It is recommended that the travel limiter pin is removed when placing bales into a bale stack.**



Figure 6. Grab arms closed.



Figure 7. Correct transport position.

1.3 GENERAL SAFETY AND ACCIDENT PREVENTION REGULATIONS

- Ensure the implement is correctly and securely attached to the operating vehicle using loader bracket mounting points. These do not come supplied with the grabber.
- Always use the correct mounting bracket and ensure that it is fitted by a trained and competent operator who has been approved by your Fleming dealer. It is recommended to use a bolted connection to attach the mounting bracket.
- 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 loader or linkage arms. Unloaded weight of the implement is 175 kg.
- Take extra care when operating machinery on sloping ground. **NEVER** operate on ground where there is a risk of the tractor becoming unstable.
- When the unit is stationary always ensure it is lowered to the ground.
- When detaching the implement from the tractor always ensure that it is stable and safely positioned on a level surface and the travel limiter pin is in place. (See figure 3).
- 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.
- Before operation inspect the area around you. Keep children away. All visitors and unauthorised persons should be kept well away from work area.
- Under NO circumstances** should anyone, authorised or otherwise attempt to use the bale grabber as a means of personal transport. It is designed as a special purpose farm implement and is unsuitable for the safe transportation of passengers. **NEVER** allow anyone especially children to travel anywhere between the tractor and an implement.
- NEVER** use this implement to lift items other than round bales of straw, hay or silage. This machine is designed to carry only one bale. Any attempt to overload the machine will risk life and limb of the operator and immediately invalidate warranty.

- To avoid personal injury keep hands and limbs well away from the moving parts.

- ENSURE** the implement and bale do not restrict the forward vision or important sightlines of the operator when mounted on the front of the tractor.

- ENSURE** that the operator is aware of the large overhang when the implement is mounted on the front of the tractor. **EXTREME CAUTION** must be taken when emerging onto the public roads.

- Never unload bales on sloping ground or anywhere where the bales could be unstable.

- If stacking bales always ensure that the ground is level and stable and the stack is secure and adequately supported.

- NEVER** attempt to move this implement manually.

•1.4 GENERAL OPERATING INSTRUCTIONS

- If the implement is to be transported on a trailer then it should be securely attached using suitable restraints.

- The Fleming round bale grabber has two modes of operation.

- The first is with the travel limiter pin fitted. This causes the left and right grab arms to open or close simultaneously. (See figure 1).

- The second mode of operation is with the travel limiter pin removed. This mode allows the grab arms to move independently of each other. (See figure 2).

- The first mode of operation should be used when precise movement of the grab arms is required. It is recommended that this mode be used when removing bales from a bale stack.

- Care must be taken when opening the grab arms with the travel limiter pin fitted that the arms are unobstructed on both sides. (See Figure 4).** Care must also be taken when the travel limiter pin is fitted that a sideways force is not inflicted on the grab arms such as turning the tractor into a stacked bale.

- It is recommended that the travel limiter pin be removed when stacking the bales. This allows the grabber operator to place a bale close to another in a bale stack. Then when opening the grab arms, the arm which is between the bales will remain at rest while the arm on the free side of the bale will move. (See figure 5).

- The operator should be familiar with both modes of operation before operating the machine.

- With the appropriate mode of operation selected retract the hydraulic cylinder to open the grab arms. Approach the bale until it strikes the bale grabber frame. Extend the hydraulic cylinder to close the grab arms around the bale. The bale should be gripped securely to avoid slipping from the grab arms. (See figure 6).

- Care must be taken not to squeeze the bale excessively as this can result in damage to plastic wrappings on the bale.**

- Tilt the grabber upwards so the bale is resting on the grabber frame during transport. (See Figure 7).

- After transportation each bale should be checked to ensure that no damage has been done to any plastic wrappings on the bale.

