

DECLARATION OF CONFORMITY

CONFORMING TO EC Machinery Directive 2006/42/EC

We:

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



declare in sole responsibility, that the product

Type: **1 Tonne Trailer**
 2 Tonne Trailer
 4 Tonne Trailer
 6 Tonne Trailer
 8 Tonne Trailer
 10 Tonne Trailer

to which this certificate applies, conforms to the basic safety
and health requirements of the EC Machinery Directive 2006/42/EC,
and the Transposed Harmonised Standards:

BS EN 4254-1 (2015)

Jonathan Lecky
Production Director

The logo for Fleming Agri-Products Ltd, featuring a stylized leaf or plant icon to the left of the word 'Fleming' in a bold, italicized sans-serif font.

**1, 2, 4, 6, 8 & 10 Tonne Trailer
Operators Manual**

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‘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 trailer. 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 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 trailer 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 trailer must provide the operator with the operating instructions and make sure they have read and understood them. Only then may the trailer be put into operation.

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

THE OPERATOR MUST BE FULLY TRAINED BEFORE USING THE TRAILER

A SAFE DISTANCE OF AT LEAST 10M MUST BE OBSERVED BY ANY PERSON OR ANIMAL WITHIN THE VICINITY OF THE TRAILER.

NOTES

It is recommended that two persons (minimum) are required to remove and re-fit trailer sides and optional grain sides.

The maximum recommended speed that the trailer can be operated at is 30 k/hr.

Tyre pressures for TR6/8 should be 5.8 Bar and wheels should be torqued to 330NM.

Please note the trailer must not exceed speeds of 40km/h.

•1.6 HYDRAULIC SAFETY

- CAUTION** The hydraulic system is under high pressure.
- Ensure that only high-pressure hoses are used to connect supply to the trailers hydraulic cylinder. Check hoses regularly and renew any that are damaged or worn.
- Before working on the hydraulics lower the trailer, 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 trailer 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.**

1.7 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 trailer with appropriate supports and ensure the wheels are suitably chocked before carrying out any maintenance work. If it is necessary to carry out maintenance on the trailer with the deck in the tipped position always prop the trailer deck using a secure mechanical means. **DO NOT RELY ON HYDRAULIC SUPPORT ALONE.**
- 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 trailer.
- ALWAYS** ensure all warning stickers are kept clean and in good condition.
- Regularly check all bolts including wheel nuts 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.

1.3 GENERAL SAFETY AND ACCIDENT PREVENTION REGULATIONS

- NEVER** attach to a tractor which would be rendered unstable when the trailer is operated at its full capacity. Take note of the maximum load permissible on tractor pick up hitch. The unloaded weight and maximum load are listed in table 1.
- Take extra care when operating machinery on sloping ground. The tractor-trailer combination is at particular risk when turning down slopes. **NEVER** operate on ground where there is a risk of the tractor becoming unstable.
- When detaching the trailer from the tractor always ensure that it is stable and safely positioned on a level surface.
- The attaching and detaching of the trailer to a tractor must be carried out by only one operator. There should not be any other people in the vicinity of the trailer or in the tractor.
- Before operation make yourself familiar with all elements and controls of the trailer 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 trailer as a means of personal transport. It is designed as a specialist purpose farm trailer and is unsuitable for the safe transportation of passengers. **NEVER** allow anyone especially children to travel on the drawbar or anywhere between the tractor and trailer.
- Never stand with your feet under or near the trailer drawbar.
- NEVER** overload the trailer with a load that is greater than the maximum capacity of the trailer. (See Table 1). Any attempt to overload the trailer will risk life and limb of the operator and immediately invalidate warranty.
- Ensure that the load is evenly distributed on the trailer deck and that the balance of the trailer is not compromised by an unevenly distributed load.
- To avoid personal injury keep hands and limbs well away from the moving parts.
- NEVER** attempt to move this trailer manually.

•**EXTREME CAUTION** must be taken if operating the trailer near overhead power lines. All tipping, loading and unloading areas should be well away from overhead power lines. If a trailer does come into contact with a power cable and it is necessary to leave the tractor, leave the vehicle by jumping well clear. Do not make contact with the ground and the vehicle at the same time, as this will complete the electrical circuit. Prevent anyone else from coming into contact with the vehicle while it is touching any power cable and contact the electrical supply company immediately.

•1.4 GENERAL OPERATING INSTRUCTIONS

•Before beginning work ensure that the length, width and height of the trailer as well as the overall height when tipped is made known to the operator. These can be found in Table 1.

•Check the tyres are in good condition and at the correct pressures. Check that all wheel nuts are tight and inspect the hitch hook ring for wear.

•When coupling the trailer ensure that if fitted the trailer parking brake is firmly in the “ON” position or that the wheels are securely chocked.

•Ensure the trailer is correctly and securely attached to the operating vehicle using the tractor pick up hitch.

• Connect the tipping hydraulics and if fitted attach the brake line hydraulics and lighting cable. Before moving off check both systems for operation.

•Ensure the lift arms are positioned above the drawbar.

•Before road driving the operator should first take time to become familiarised with the turning circle of the tractor-trailer combination.

•During road driving take into account the effect that extra weight from a loaded trailer will have on the handling of the tractor and drive safely for the given conditions. Think ahead to make best use of use of engine revs, gear shifting and brakes for smooth control and make sure you give an early indication before turning.

•Remember that high loads on the trailer may impair rearward visibility. In such cases ensure tractor side mirrors are properly adjusted in good repair.

•Whilst in the field, plan your route carefully to best avoid uneven and sloping ground. **NEVER** turn down a slope especially with a fully laden trailer or when the surface is wet. Check that livestock which may be in the field at the time is well clear from the trailer before reversing or tipping.

•Use caution when tipping. **NEVER** tip near overhead power lines and only ever tip on firm level ground. Open the back door catch **BEFORE** tipping and never permit anyone to stand behind or beside trailer whilst tipping. If necessary drive forward slowly to spread the load taking care not to jerk the tractor suddenly.

•**NEVER** enter the area between the trailer chassis and deck.

•After the load is clear lower the deck and close the back door securely before moving off.

•Take extra care when reversing the trailer and check the area for obstructions which may not be seen from the tractor cab before reversing. Ensure that no children are in the area and that any helpers are kept within view. **NEVER** permit anyone to stand behind the trailer when reversing.

•When detaching the trailer ensure that it is parked on a level surface and apply if appropriate the parking brake or chock the wheels. Detach all hydraulic couplings, brake line hydraulics and lighting cable. Finally unhitch the tractor and drive clear of the drawbar.

1.5 TRAILER SPECIFICATIONS

Table 1. Trailer Dimensions and Weights				
	Height of Standard Box Sides (mm)	Height With Grain Sides (mm)	Tipping Height Standard Box Sides (mm)	Tipping Height With Grain Sides (mm)
1 Tonne	1005	1120	2060	4870
2 Tonne	1170	N/A	2880	N/A
4 Tonne	1495	2055	3405	3725
6 Tonne	1560	2120	3880	4240
8 Tonne	1670	N/A	4555	N/A
10 Tonne	1790	N/A	4695	N/A

	Total Length (mm)	Width (mm)	Unloaded Trailer Weight (kg)	Max Load (kg)
1 Tonne	2800	1275	347	1500
2 Tonne	3700	1370	496	2000
4 Tonne	4200	1900	975	4000
6 Tonne	5100	2150	1465	6000
8 Tonne	5400	2210	2120	8000
10 Tonne	5860	2285	3050	10000