

1.10 GENERAL DIMENSIONS

Tandem Roller Configuration	3 metre Lead Roller + 3 metre Following		3 metre Lead Roller + 2.5 metre Following		2.5 metre Lead Roller + 2.5 metre Following	
	Transport	Operating	Transport	Operating	Transport	Operating
Rolling Width (mm)	3000	5950	3000	5370	2420	4790
Overall Width (mm)	3340	6500	3340	5920	2730	5300
Unladen Weight (Kg) Approx.	2930	2930	1855	1855	1660	1660
Laden Weight (Kg) Approx.	4500	4500	4040	4040	3865	3865
HP Requirement (minimum)	120	120	120	120	120	120

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 products

Type: STANDARD LAND ROLLERS

to which this certificate applies, conforms to the basic safety
 and health requirements of the Machinery Directive 98/37 EC,
 and the Transposed Harmonised Standard: BS EN 1553 (2000)

Jonathan Lecky
 Production Director



Tandem Landroller 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 Landroller. 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 landroller 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 may 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 roller 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 roller.

A SAFE DISTANCE OF AT LEAST 5M MUST BE OBSERVED BY ANYONE WITHIN THE VICINITY OF THE ROLLER.

1.3 GENERAL SAFETY AND ACCIDENT PREVENTION REGULATIONS

•Ensure the implement is correctly and securely attached to the operating vehicle. The recommended method of attachment is to use the tractor drawbar and a suitably sized pin.

•**NEVER** attach to a tractor which would be rendered unstable when the implement is operated at its full capacity. The weight of the rollers when laden and unladen are given in section 1.6, along with minimum horsepower requirements to operate them.

•**NEVER** park the tractor and roller on a slope.

•**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.

•**ENSURE** that the roller is on stable and level ground and is securely chucked when detached from the tractor.

•**Under NO Circumstances** should anyone attempt to use the roller as a means of personal transport. It is designed as a specialist purpose farm implement and is unsuitable for the safe transportation of passengers. **NEVER** allow anyone especially children to travel anywhere between the tractor and the roller.

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

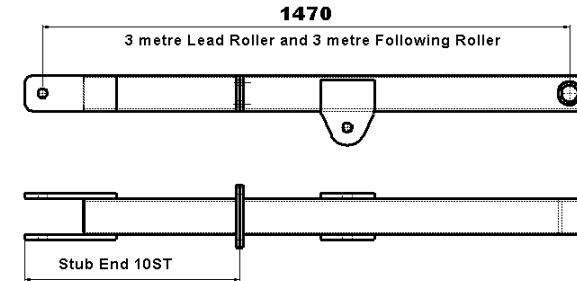
•Always take care when moving with a water filled roller as sharp turns or erratic driving may unbalance the tractor. Avoid tight turns at headlands. For increased tractor stability a four-wheel drive tractor is recommended.

•Never attempt to move this implement manually.

1.9 General Notes:

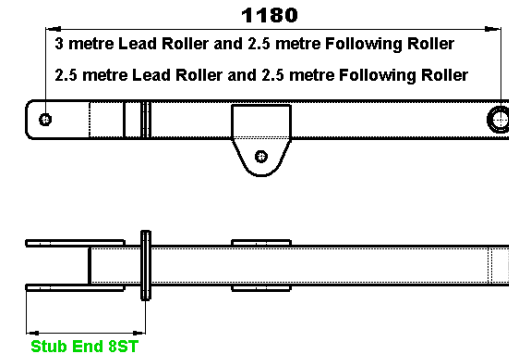
The Tandem Roller is designed to be used as a Lead Roller in the following configurations.

- 1). 3 metre Lead Roller with a 3 metre Following Roller. Using Trailed Drawbar stub end part number 10ST.



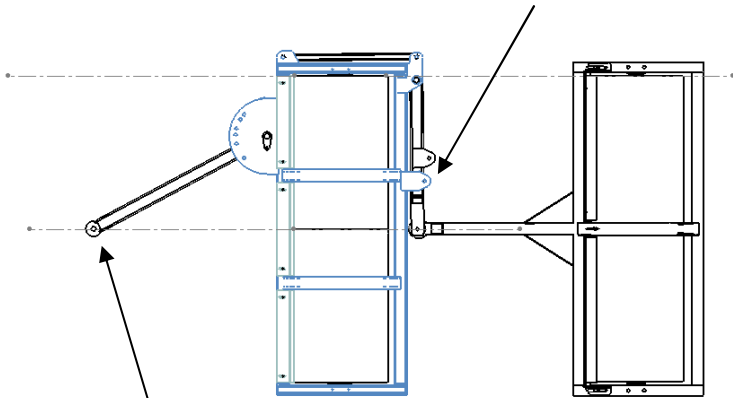
- 2). 3 metre Lead Roller with a 2.5 metre Following Roller. Using Trailed Drawbar stub end part number 8ST.

- 3). 2.5 metre Lead Roller with a 2.5 metre Following Roller. Using Trailed Drawbar stub end part number 8ST.



1.6 Tandem Roller Transport Position

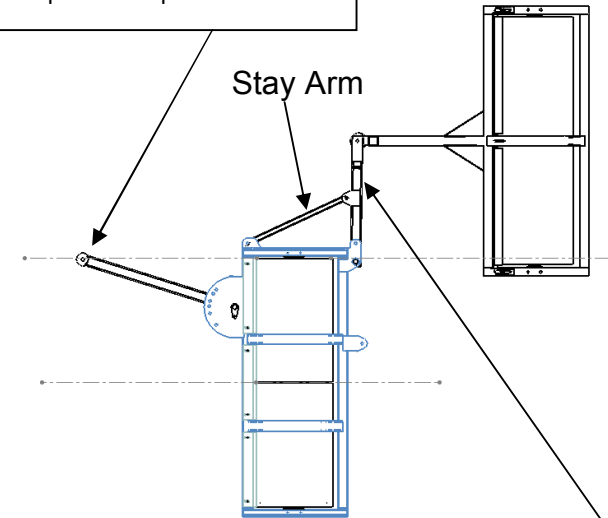
To prepare the Tandem Roller for transporting after use. Unhitch the Trailed Roller. Move the Trailed Drawbar Arm into position behind the Lead Roller by removing the locating pin securing the Stay Arm and swinging the Trailed Drawbar Arm into position behind the Lead Roller. Secure into position using the locating pin supplied. Secure the Stay Arm in the transport position by using the locating pin previously removed. Ensure that all lynch pins are replaced.



For transporting move the Drawbar to the Transport Position by removing and re-positioning the 'D' pins either side of the drawbar so that the towing eye is central to the Lead Roller. Ensure that all lynch pins are replaced.

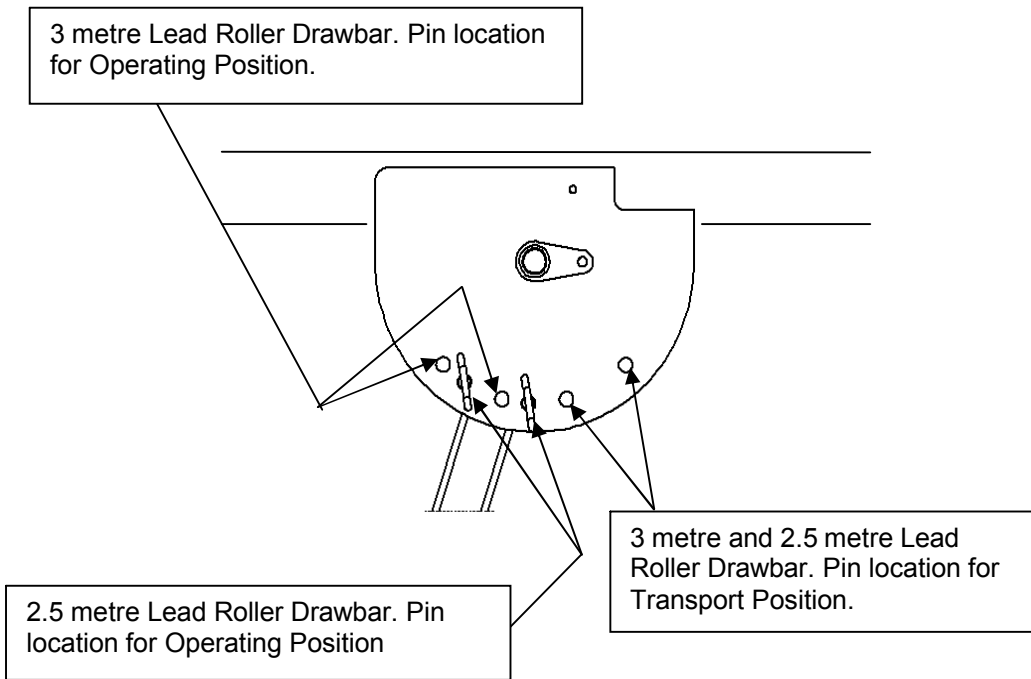
1.7 Tandem Roller Operating Position

For operating move the Drawbar into the Operating Position by removing and re-positioning the locating pins either side of the drawbar so that the towing eye is in a central position between the two rollers. Ensure that all lynch pins are replaced.



To prepare the Tandem Roller for operation from the Transport Position. Unhitch the Trailed Roller. Remove the locating pins securing the Trailed Drawbar Arm and the Stay Arm. Swing the Trailed Drawbar Arm 180 degrees into the operating position. Attached the Stay Arm and re-hitch the Trailed Roller. Ensure that all lynch pins are replaced.

1.8 Drawbar Location Pin Positions



- Where local laws permit ensure that a flashing amber beacon is mounted on the cab of the tractor and is always used when transporting the roller on the road.

- ENSURE** that all laws regarding restrictions due to the size of the machine and the showing of lights are followed. Use a tail light board if necessary.

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

- Before and during operation inspect the area around you. All children, visitors and animals should be kept away from work area.

- To avoid personal injury do not allow hands or limbs to enter the area between the drum and the main frame.

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

- Extra care must be taken when transporting / using the models which extend past the side of the tractor.

1.4 GENERAL OPERATING INSTRUCTIONS

- This roller is a tractor-trailed implement. Attempts should not be made to attach the roller to any other type of vehicle.

- To ensure that the roller does not become damaged or that the tractor does not become unstable do not exceed 8mph when towing the roller on the road.

- ENSURE** each section is filled **EQUALLY** with an amount of water depending on the type of ground and the required effectiveness of the roller. Increasing the amount of water in the roller will increase the weight and the effectiveness of the roller.

- Drain the roller sections after use by unscrewing the bungs at each end of the roller and moving the roller until the fill holes are at the lowest point.

- NEVER** leave the roller full of water for any duration during cold weather as if the water freezes then the drum can crack and leak.

1.5 MAINTENANCE

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

- Prop the roller with appropriate supports 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 periodically for damage that would affect the safe operation of the implement.

- Grease bearings every hour for the first ten working hours and daily thereafter.

- Regularly check all bolts on the roller and tighten if necessary.

- Ensure all fill holes bungs are greased after each filling and emptying of the roller.

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