

# Landrollers

Flemings are the largest manufacturer of water ballast land rollers in the UK and Ireland with over 50 years experience manufacturing this range of product, having developed a range of land rollers to suit all the needs of grassland farmers, parkland maintenance and sports pitches

All rollers can be filled with water for extra ballast with all drums air tested to ensure no leaks. Standard Rollers are fitted with specially sourced hardwood bearings for reduced friction and low cost maintenance. Larger hydraulic folding and End Tow Rollers are fitted with Acetal nylon bearings for better wear and shock loading for longer life.

All rollers are manufactured from quality materials ensuring a longer working life-span, are fitted with easy access grease points and under-go 5 stage cleaning and painting culminating in an oven curing process for better protection against the varied climatic conditions. Experience over the past 50 years has proven that Fleming land rollers cared for with minimal annual maintenance will have a life span in excess of 20-30 years, offering excellent value for money and a very low annual rolling cost.



# Landrollers

## Compact Land Roller

A range of compact rollers have been developed to cater for the hobby farmer, equestrian use, parkland maintenance, sports fields and pitches for use with tractors from 15 – 50 horse power or suitable 4 wheel drive quads. All compact rollers are designed for easy use and low maintenance.



- All drums are air tested
- Water Filled for extra weight
- 50mm steel shaft
- 1.25m (4ft) & 1.5m (5ft) have optional ball hitch draw bar and Galvanised frames
- Compact rollers have a 590mm (2ft) diameter drum with 6mm wall thickness.
- 2m and 2.5m rollers available with pick up eye and 3 point linkage for easy transport when empty.
- 2m and 2.5m models are designed to be towed by tractors only and are not suitable for use behind quads
- Scraper blade optional

Compact Landrollers models include:

Model	Rolling width	Drum Diameter	Wall thickness	Ball Hitch Option	Galv Frame
4246	1.2m	0.59m	6mm	Yes	Yes
5246	1.5m	0.59m	6mm	Yes	Yes
66246	2m	0.59m	6mm	No	No
8246	2.5m	0.59m	6mm	No	No

For more details on all landrollers specification go to page 12

# Landrollers

## Trailed & 3 Point Linkage Land rollers

Ideal for medium size farms and use with tandem lead rollers for larger operations.



- All drums are air tested
- Water Filled for extra weight
- Hardwood bearings
- 3PL available on all 8ft models for un-laden transport only
- 65mm steel shaft on 2.5m model.
- 75mm steel shaft on 2.7m & 3m models
- 60 – 90 horse power required
- Performance 8–12 acres per hour approximately.
- Scraper blade optional

Landroller models include:

model	Rolling width	Drum Diameter	Wall thickness
83010	2.5m	0.74m	10mm
83012	2.5m	0.74m	12mm
83612	2.5m	0.89m	12mm
93616	2.7m	0.89m	16mm
93612	2.7m	0.89m	12mm
103612	3m	0.89m	12mm
103010	3m	0.74m	10mm

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# Landrollers

## Tandem lead Roller

The Fleming Tandem Lead Roller has been designed for farmers or large land owners with large fields in close proximity.



- All drums are air tested
- Water Filled for extra weight
- Heavy duty 100mm structural box frame with over channel support.
- Hardwood bearings
- Tandem lead roller can be used with existing on farm roller
- Lead roller can be set for use with either 2.5m or 3m following roller
- Lead roller drawing arm can be folded for drawing rollers in-line for easy field access, easily changed from transport to working position. (no heavy lifting)
- 65mm steel shaft on and 2.5m models.
- 75mm steel shaft on and 3m models.
- 90 – 120 horse power required
- Performance 20 – 30 acres per hour approximately.
- Scraper blade optional

Tandem Lead Landrollers models include:

model	Rolling width	Drum Diameter	Wall Thickness
83010T	2.5m	0.74m	10mm
103010T	3m	0.74m	10mm

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# Landrollers

## Hydraulic Lifting Roller

Ideal for large farms, contract work and hire fleets.



- All drums are air tested
- Water Filled for extra weight
- Heavy duty 120mm structural box frame with pick up eye
- Hardwood bearings
- 75mm steel shaft
- Can be transported fully laden.
- 6 stud axle with 10/75/15.3 tyres.
- Unique Fleming hinged draw-bar reducing stress on the frame
- Only seconds to change over to transport position
- 80 – 90 horse power required
- Performance 10–14 acres per hour approximately
- Scraper blade standard

Hydraulic Lifting Roller models include:

model	Rolling width	Drum Diameter	Wall thickness
8WK12	2.5m	0.89m	12mm
9WK12	2.7m	0.89m	12mm
9WK16	2.7m	0.89m	16mm

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# Landrollers

## End-tow Roller

The End Tow Roller is ideal for larger operations, contract work and hire fleets.



- All drums are air tested
- Water Filled for extra weight
- Can be transported fully laden.
- Has hard wearing Acetal nylon bearings for long life and low maintenance.
- Heavy duty 120mm structural box frame with reinforced lowered pick up eye as standard for good ground clearance
- 6 stud axle hubs with 12.5/80/15.3 tyres.
- Twin rams
- 75mm steel shaft with centre support and self-greasing bearing.
- Unique Fleming swing draw-bars with reinforced H D pivot points.
- Easy to change over to transport / working position. Swing drawbars/no heavy lifting.
- 90-100 horse power required
- Scraper blade standard
- Performance 12-15 acres per hour approximately



End Tow Landroller model include:

model	Rolling width	Drum Diameter	Wall Thickness
123612ET	3.66m	0.89m	12mm

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# Landrollers

## Hydraulic Folding Roller

Can be easily changed from working to transport mode and vice versa through the tractor hydraulics yet offers a highly effective performance with the outside drums having independent floatation for constant ground contact on undulating land and a 5.5m rolling width but only requiring 100–110 horse power. The Hydraulic Folding Roller is ideal for larger operations, contract work and hire fleets.



- All drums are air tested
- Water Filled for extra weight
- Can be transported fully laden.
- Heavy duty 120mm structural box frame.
- Hard wearing Acetal nylon bearings for long life.
- 6 stud axle hubs with 12.5 x 15.5 tyres
- Independent floating rollers for constant ground pressure
- 75mm steel shaft.
- Easy to change over to transport / working position through tractor hydraulics, no heavy lifting.
- 100–110 horse power required
- Scraper blade standard on centre section
- Performance 20–25 acres per hour approximately.



Hyd Folding Landrollers model include:

model	Rolling width	Drum Diameter	Wall Thickness
183012	5.5m	0.74m	12mm

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## Specifications

Landroller	183012	83010T	103010T	123612ET	103010	103612	93616	93612	83612	83012	83010	8246	66246	5246	4246
Rolling Width	5.5m	2.42m	3m	3.7m	3m	3m	2.74m	2.74m	2.42m	2.42m	2.42m	2.42m	1.98m	1.50m	1.25m
Overall Width	5.65m	2.73m	3.34m	2.13m	3.22m	3.22m	2.95m	2.95m	2.62m	2.62m	2.62m	2.62m	2.18m	1.71m	1.45m
Drum Diameter	745mm	740mm	740mm	885mm	740mm	885mm	890mm	885mm	885mm	745mm	740mm	590mm	590mm	590mm	590mm
Drum Thickness	12mm	10mm	10mm	12mm	10mm	12mm	16mm	12mm	12mm	12mm	10mm	6mm	6mm	6mm	6mm
Side Wall Thickness	5mm	5mm	5mm	6mm	5mm	6mm	6mm	6mm	6mm	5mm	5mm	5mm	5mm	5mm	5mm
Pick up Ring	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	JAW	JAW
Three P.L	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO	NO
Centre Shaft	75mm	65mm	75mm	75mm	75mm	75mm	75mm	75mm	75mm	65mm	65mm	50mm	50mm	50mm	50mm
H.Wood Bearing	Acetal	YES	YES	Acetal	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Grease Points	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Unladen Weight	3000kg	972kg	1170kg	2085kg	883kg	1000kg	1180kg	1075kg	970kg	775kg	685kg	400kg	320kg	227kg	200kg
Laden Weight	5200kg	2010kg	2400kg	4360kg	2170kg	2866kg	2885kg	2780kg	2490kg	1890kg	1730kg	1060kg	860kg	635kg	540kg
Scrapper Blade	Standard on centre drum	Standard	Standard	Standard	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Wheel Kit	Standard	N/A	N/A	Standard	N/A	N/A	Optional	Optional	Optional	N/A	N/A	N/A	N/A	N/A	N/A