

6 Reasons To Choose A Watson Roller

1. Heavy Duty Design -

Built from 8mm & 10mm heavy gauge hollow section to with stand constant hard work.

2. Unique Flotation/ Weight Transfer System –

All the sections pivot independently from a centre point c/w a hydraulically operated accumulator this gives maximum flotation and even weight distribution across the full working width.

3. Heavy Duty Axles & Bearings -

A high quality 75mm axle allows the use of a large heavy duty triple seal self-aligning bearing.

4. 6 Independently Rotating Barrels –

All 3 sections have twin barrels giving 6 independently rotating barrels to eliminate scrubbing.

5. Ease of Routine Maintenance –

Oversized Pivot pins and greaseable bushes are used at every pivot point, with all rams in closed position for transport and storage.

6. Safe Transport -

All Watson 6.3m Rollers come standard with hydraulic brakes, LED lights and 400 x 60 x 15.5 flotation wheels

“The Watson 6.3m flat roll is fitted with 6 independently rotating 711mm (28”) diameter x 11mm thick plate barrels to eliminate scrubbing at the headland”



Aerator



Cambridge Roller



Ballast Roller



End Tow Roller



Rear Hydraulic Roller



Tandem Roller



Compact Roller



Feeding Trailer



Tombstone Feeding Trailer



Sheep Feeding Trailer



Feeding Bin



Barrier Feeder



Calf Creep Feeder



Single Sided Bull Beef Feeder



Double Sided Bull Beef Feeder



Mobile Hogget Feeder



Hogget Feeder



Lamb Creep Feeder



Stock / Bale Transporter



Heavy Duty Tipping Transport Box



W/WALTER WATSON
6.3m Hydraulic Folding Water Ballast Roller



W/WALTER WATSON

Greenfield Works, Ballylough Road, Castlewellan, Co. Down, BT31 9JQ, Northern Ireland.

Tel: +44 28 4377 8711 Fax: +44 28 4377 2050

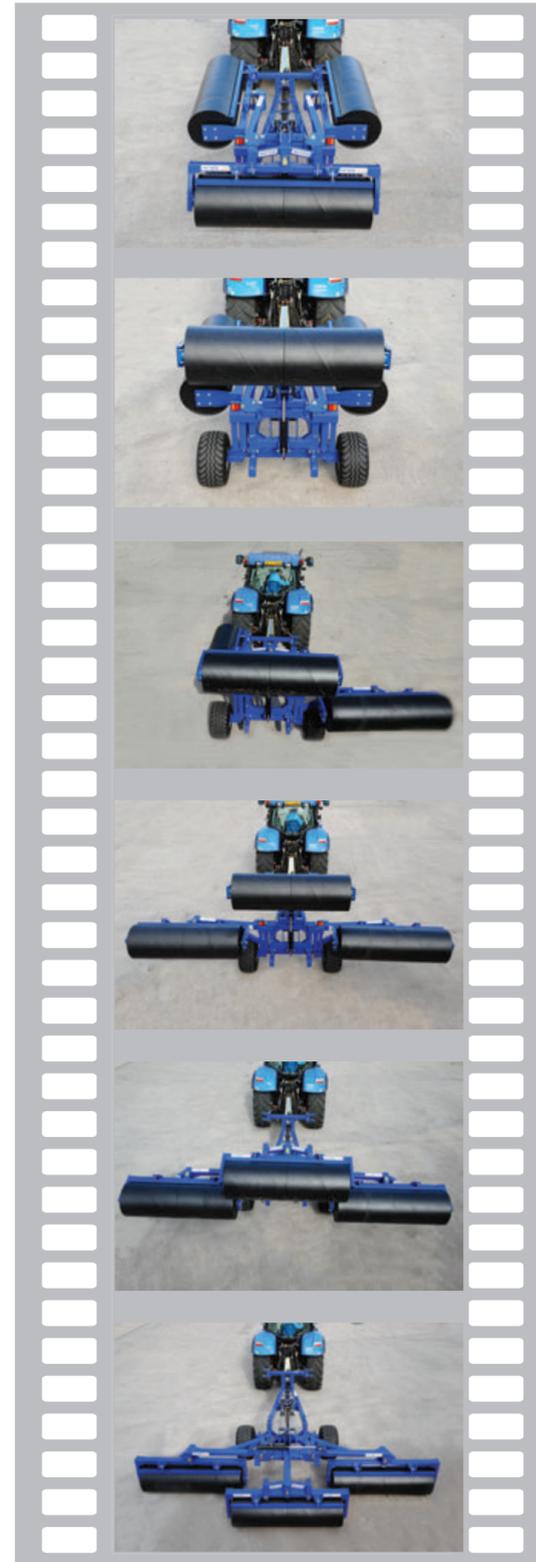
Email: info@walter-watson.co.uk Web: www.walter-watson.co.uk



Walter Watsons are one of the most experienced and well known roller manufacturers in the UK for over 40 years. Renowned for the design and production of machines that are not only well constructed but without doubt one of the heaviest on the market. The 6.3m 3 section water ballast flat roller has been designed for maximum flotation and even weight distribution across the full working width. With ever increasing pressure on farmers to get more ground covered in a shorter space of time, the Watson 6.3m flat roll is the ideal solution for the expanding grassland farmer and contractor.



The Watson 6.3m flat roll is fitted with 6 independently rotating 711 mm (28") diameter x 11mm thick plate barrels to eliminate scrubbing at the headland. A high grade 75mm axle is fitted for strength this allows a heavy duty triple seal self-aligning steel bearing to be used to carry this 7 Tonne machine. Oversized pivot pins and greaseable bushes are used at every pivot point with all 3 sections pivoting independently from a centre point. Given that the rear section is not only pivoted horizontally but vertically through the use of a hydraulically operated accumulator, this roller is capable of coping with some of the most difficult terrain.



Unfolding Sequence

1. Roller in transport position
2. Remove safety pins and raise rear section
3. Open out wing sections
4. Lower 3 sections to the ground using twin rams
5. Pressurise twin rams until the wheels are raised off the ground
6. Pressurise accumulator up to 90 Bar and place spool valve into float position
7. Rollers are now ready to work



Hydraulic Folding Ballast Roller

- Barrel Diameter – 711mm (28")
- Barrel Thickness – 11mm
- Transport Width - 2.93m
- Axles – 75mm Solid Shaft (EN8)
- Bearings – 70mm Triple Seal
- Centre Pivoting
- Accumulator Flotation control / Pressure Distributor
- High Quality 2 Pack Paint Finish
- Hydraulic Brakes as Standard
- 40mm Heavy Duty Ring Hitch
- LED Lights as Standard
- 6 Stud Heavy Duty Axle
- 400 x 60 x 15.5 Flotation Wheels
- Weight – Unladen – 4 Tonne Laden – 7 Tonne



A Unique Flotation / Weight Transfer System

Folding and Unfolding is operated from the tractor seat using the tractor hydraulics. The transfer of weight from the heavy built chassis to the 3 sections is distributed with the help of the hydraulically operated accumulator.

This is calibrated to a set pressure at which point the tractor hydraulics are placed into float position. The accumulator then acts as a damper keeping even pressure across the 3 sections yet allowing the transfer of weight from the heavy built chassis to the 3 sections is distributed with the help of the hydraulically operated accumulator.

