



Mounted Harrow

Model 822g

Instruction Manual
& Operating Guide

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Mounted Harrow - Model 822g

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Safety Notes and Warnings

- Allow only experienced tractor drivers to operate this machine.
- The machine is recommended for use with a 4 wheel drive tractor.
- Only operate this machine from the tractor seat (work station).
- Operate only when bystanders are at a safe distance away.
- When unhitching the machine from the 3 point linkage, ensure that the machine is set down on a firm and level area.
- Care must be taken on steep ground when lifting the machine out of work.
- Lower the implement to the ground and switch off the tractor engine before approaching the working zone of the implement.
- Before attempting any maintenance or making any adjustments, turn off the tractor engine and remove keys.



Introduction and Intended Use

The Ritchie Mounted Harrow - models 822g has been designed for, and is intended to be used for the renovation of pasture land, and for levelling gravel areas, manéges, and equestrian arenas etc.

Deviations from the intended use should not take place without the notice and approval of David Ritchie (Implements) Ltd.

Features

- Robust steel construction with replaceable high quality tri-spike castings offering two tine lengths and two tine angles.
- Floating top link to cope with uneven ground.
- Fitted with category 1 - 3 point linkage.
- Hot Dipped Galvanised frame.

Specifications

Width (mm)	Height (mm)	Depth (mm)	Weight (kg)	Tractor Requirements
2200	730	1830	200	25 HP (min)

Operating in the field

- Use the machine when conditions allow, i.e. Not too wet or too dry.
- During work, if the implement is to be used as a Grassland Harrow - use the tractor lift to give 5 to 7.5 centimetres (2 to 3 inches) clearance between framework and ground thus gaining full use of the mat. Allowing the frame to drag on the ground could result in damage to the implement.
If using the implement to level out gravel areas, manéges, equestrian arenas etc. lower the frame to within 2.5 to 5 centimetres (1 to 2 inches) clear of the ground to allow the frame to work as a levelling bar.
- Working speed 3 - 4.5 mph (5 - 7 kph).



Attaching to the Tractor

The implement is fitted with standard category 1 three point linkage. This linkage combines the Mounted Harrow and the Tractor into a single working unit. Lift and position are controlled hydraulically.

Consult the Tractor Operator's manual for instructions on mounting implements and for rear hitch adjustments.

Fit the tractor lower links to the Harrow lower link pins and secure with the lynch pins provided.

Connect the tractor top link to the Harrow headstock using the pin and lynch pin provided.

Adjust the top link to ensure the three point linkage is square to the ground.

Occasionally, the Mounted Harrow may be supplied in kit form for transport purposes. If it is to be built up - Pivot the headstock to the vertical position and attach the stays provided to the headstock and to the brackets on the cross members, Fig 1. Check nuts and bolts for tightness prior to use.



Stop the tractor and remove the ignition key!

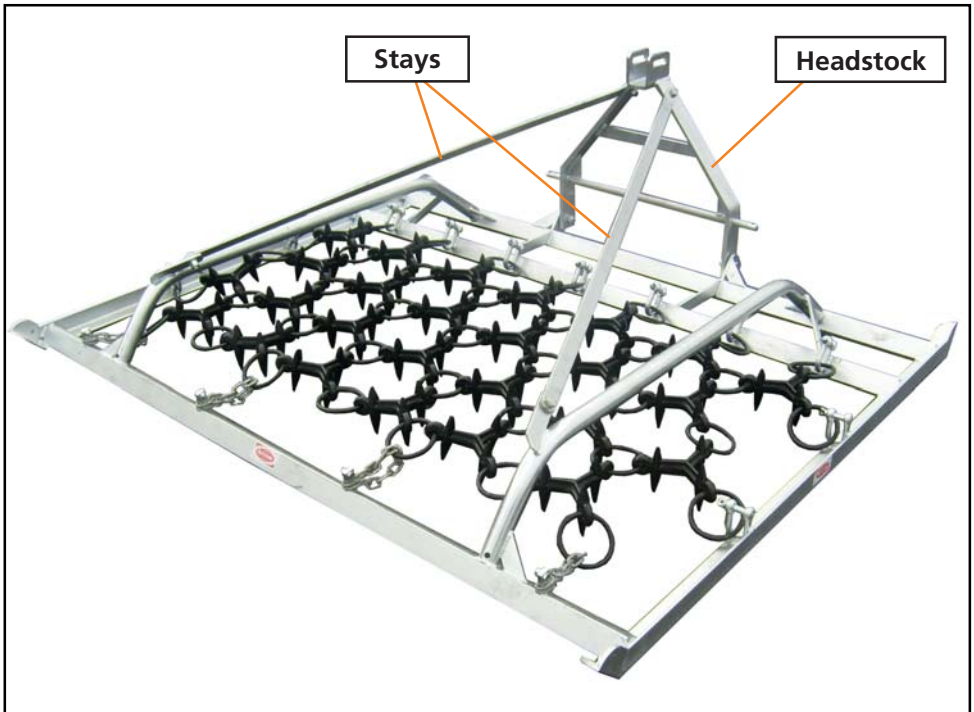


Fig 1



Settings

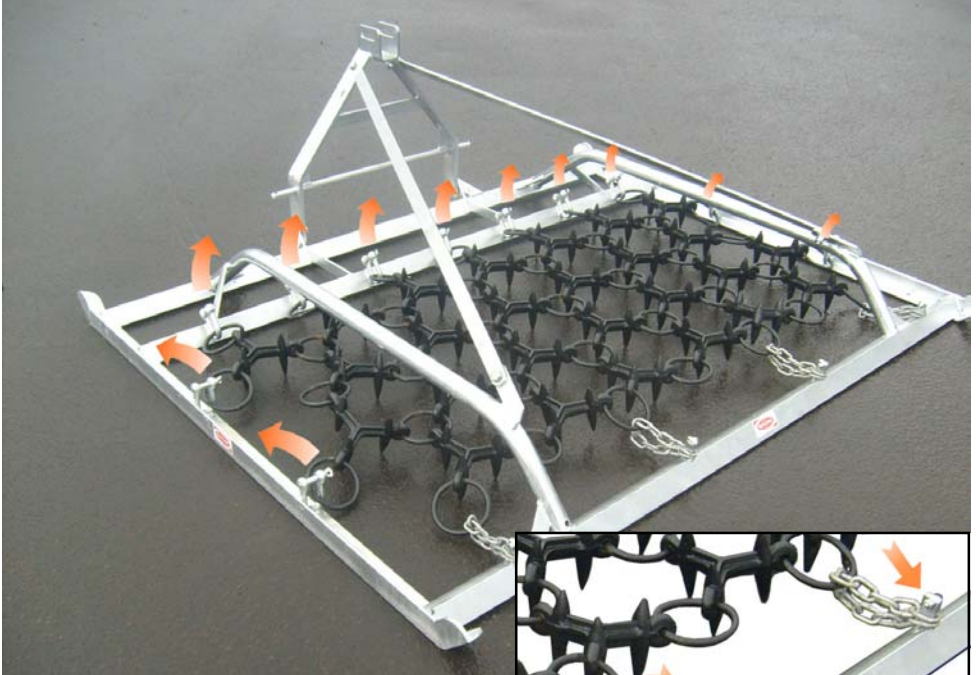


Fig 2

The Harrows are fitted with a unique 'tri-spike casting offering 2 tine lengths and two tine angles.

The harrow mat can be easily reversed to utilise either the long or the short tine.

To reverse the Harrow Mat:-

With the Harrow attached to the tractor and framework lowered into the working position - Release the Harrow Rings from the D-shackles at the front and sides of the framework, Fig 2.

Raise the Harrow on the tractor 3 point linkage and drive forward a short distance to turn the mat onto the reverse side.

Lower the Harrow frame again to ground level. Remove the chain retaining bolts, Fig 3, and slide the chain links off the holders.

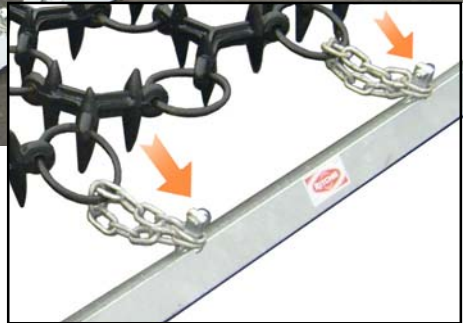


Fig 3

The mat should now be completely free of the Harrow.

Approaching the mat from the opposite side, reverse the tractor until the harrow frame is once again positioned over the mat.

Lower the frame and re-attach the front and side rings to the D-shackles.

Attach chain links to the holder securing with the bolt provided. Repeat for each chain.

The mat has now been reversed and is ready for use.

Cleaning

Use a high pressure water jet to remove residue from the machine at the end of each working day.

Spare Parts



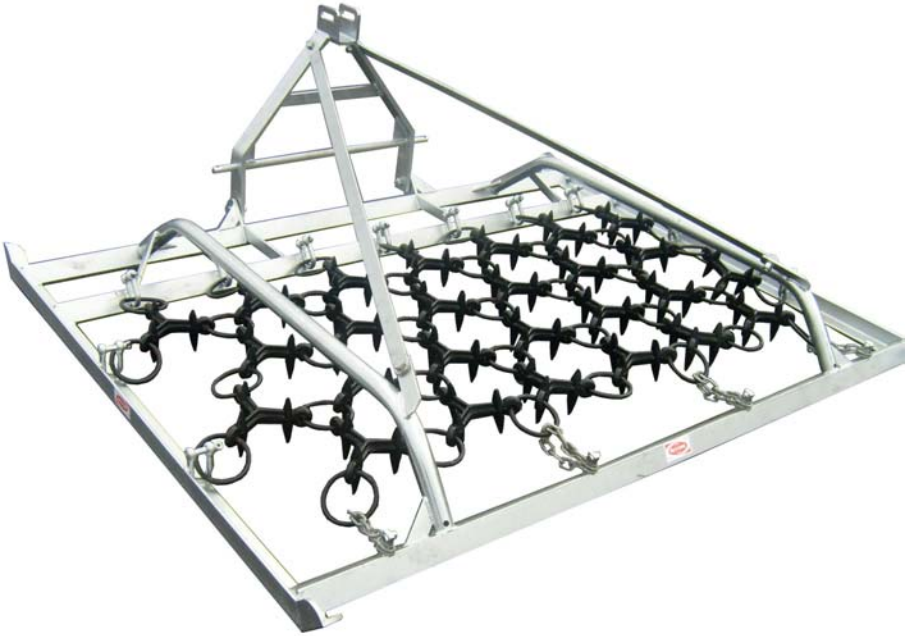
Tri-spike
Part No. 814-27



Harrow Ring
Part No. 814-9

Replacement Harrow Mat - *Part No. 822g-A05*





the perfect partner

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