



the perfect partner

AERATOR & TWS

PRESS RELEASE



Two New Products, One Big Soil Improvement Benefit

Ritchie Transfer Weight System

David Ritchie (Implements) Ltd. have introduced a new "transfer weight system" to maximise a tractor's weight potential when working in hard or heavily compacted soils. This linkage unit bolts to the aerator frame and utilises the tractor's hydraulic power to create a pivotal pressure to the tractor's lower link arms. This transfer of weight between the tractor and aerator means that no additional water ballast is necessary on the aerator frame as per conventional operation. The tractor's weight is utilised to achieve maximum penetration by the rotor blades.

A hydraulic ram and pressure-compensating cylinder combines with a heavy-duty multi link chain to pivot the aerator's frame around a mid

point on the tractor linkage. Pressure is adjustable from the tractor seat enabling the driver to load the aerator to suit soil types and conditions from field to field. Developed by Ritchie's research and development engineers, this new application of a well-established principal will aid farmers and contractors looking to fully utilise tractor efficiencies, fuel and power for improved crop growth.

Ritchie Aerator

A new range of Ritchie aerators now incorporate a fully galvanised base frame to extend the machine's operational life whilst the aerator's penetrating blades have been lengthened to 260mm from 170mm for deeper penetration. Available in 2.5m and 3.0m widths, the aerators incorporate a "spanner

free" rotor adjustment to fine-tune the angle of the blade attack. A more aggressive tine angle opens up a wider soil slit allowing oxygen and nutrients to move freely within compacted soil. These low maintenance machines incorporate a solid shaft rotor with double flange fittings for the heavy-duty boron steel blades.

Permanent pastures are rejuvenated with just one application of the aerator prior to fertiliser or slurry application. Autumn aerating also helps the soil over winter with better drainage encouraging worm activity.

