



RYETEC RESTORER ALD

FOUR-IN-ONE UNIVERSAL LOW DISTURBANCE
TOOLBAR & SUBSOILER

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Stand-alone 6m with optional rear packer roller

RYETEC RESTORER ALD

The Ryeteq Restorer ALD has been designed to relieve compaction and ground damage caused by previous cropping operations, restoring ground prior to cultivation or drilling operations, to suit all possible requirements in the arable sector. A large diameter cutting disc and low disturbance point minimise surface ground disturbance with non-inversion of the soil profile whilst fracturing the soil structure to relieve compaction damage. This aids nitrogen mineralisation, rooting and drainage in the following crop. This versatile machine can be used in various configurations.

Use the toolbar as a:

- » Front mounted unit with a rear mounted cultivator, drill or combination.
- » Rear mounted standalone machine with optional rear packer and/or seeding equipment.
- » Rear mounted unit with optional hydraulic drawbar to tow cultivators or drills for single pass operations.

Various models available:

- » 3/4/5m machines all manufactured on the same base 3m unit with folding wings.
- » 6/8m machines.
- » Standard (S) and Heavy Duty (H) variants.
- » Variable leg spacing versions for maize and cereals with adjustable 500mm and 750mm leg spacing.
- » Mounted implement (PHT version): Close coupled toolbar with through the frame PTO for power harrows etc.
- » Wheel track E-Radicator with adjustable leg spacing and drawbar/linkage for large implements.

Features include:

- » Unique heavy duty chassis design with linkages for both front and rear mounting. Addition of options for maximum adaptability either as a standalone unit or toolbar with additional equipment.
- » Easy no tools depth control with frame mounted adjustable wheels and legs.
- » Fully steering legs and discs reduce frame and leg stress as well as allowing for steering.
- » Large diameter discs (500mm) with deep penetration minimise disturbance of the leg.
- » Huge leg stagger: 260mm point to point to minimise blocking.
- » Maintenance free composite bushes on all pivot points.
- » Shear bolt or Auto-Reset leg protection.
- » Special versions for wheel track eradication with adjustable leg spacing.
- » Available in 3, 4, 5, 6 and 8m working widths.

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Unique folding feature on 4/5m units

The folding arrangement on 4/5m Restorers allows for increased versatility. This allows easy road transport but with the ability to work when folded as a fully functional unit.

The Restorer can be hydraulically folded from 4/5m to 3m in difficult situations which means the same tractor can pull the machine in harder or heavier ground conditions such as on headlands or where traction is limited. This allows a smaller tractor to operate the Restorer when larger power units are not always available.

Pivoting discs and legs

These are essential to maintain steering when front mounted, especially the steering discs. They also allow the machine to operate on contoured headlands or following curved features in the field without the risk of bending the low disturbance legs or imposing unnecessary stress to the machines frame.

The steering system also results in less overload situations which on a fixed non steering leg would result in a sheared protection bolt or auto reset activation as the leg is free to go around a hidden obstruction.

The constant movement of the steering leg also plays a part in reducing the build-up of material around the leg which might result in a blockage and stops the possibility of lifting blocks of soil between points when the Restorer is lifted out of work.

Specifically designed for close coupled toolbar operation

The Restorer was designed when used with its rear hydraulic linkage/drawbar as a toolbar to minimise the overall length. This has a major impact on the balance of the tractor by reducing the leverage of the rear mounted implement, especially drills with rear support wheels and larger mid mounted seed hoppers.

The Restorer's design reduces the force on the rear of the tractor minimising the lift on the front wheels and the need for excess counter weight to maintain positive steering. The rear linkage can be programmed to lower and lift automatically with the tractors programmed headland management to keep the drill frame level with the ground as the Restorer is lifted in and out of work. The linkage attaches to the same steel profiles as the tractors lower arms so that the draft of the trailed implement is transferred directly to the tractor and not through the frame of the Restorer.



Front mounted 4m running with combi drill

Heavy duty pivoting discs and legs to reduce frame stress and allow for steering around obstacles

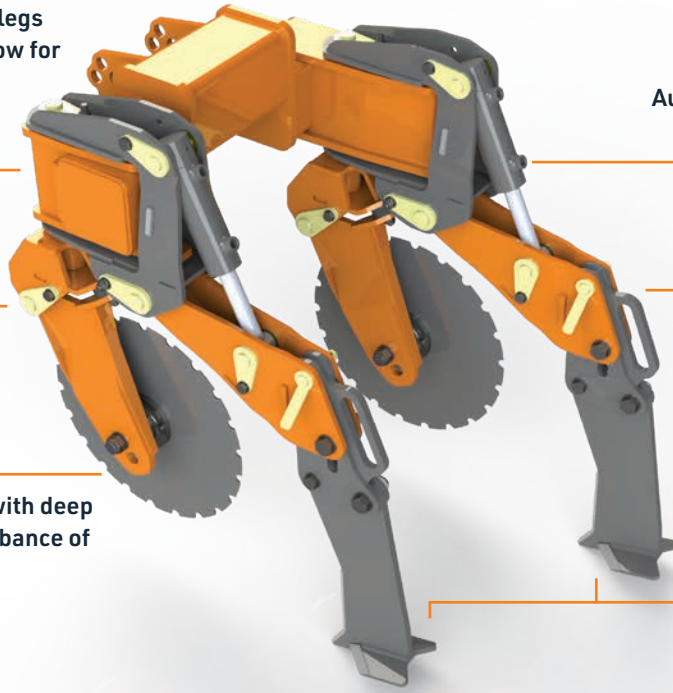
Grease free technology on all pivots

Auto-Reset or shearpin leg protection

Easy no tool depth control of legs for quick adjustment

Large diameter 500mm discs with deep penetration to minimise disturbance of the leg

Large 260mm point to point leg stagger to minimise blocking



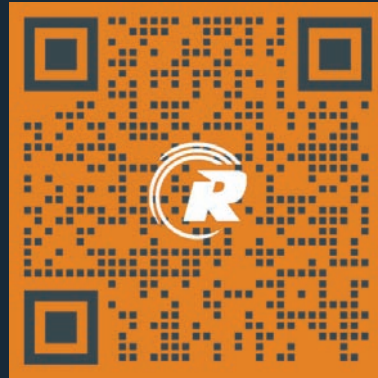
Toolbar when fitted with optional rear hydraulic linkage/towbar to pull secondary cultivation equipment or drill



4m ALD operating at 3m front mounted with rear mounted direct drill

Product Specification	3m	4m	5m	6m	6m V	8m
Leg spacing	500mm	500mm	500mm	500mm	500 – 750	500mm
Operational depth – S model	125 – 300mm	125 – 300mm	125 – 300mm	125 – 300mm	125 – 300mm	N/A
Operational depth – H model*	125 – 400mm	125 – 400mm	125 – 400mm	125 – 400mm	125 – 400mm	125 – 300mm
Leg depth adjustment	No tools	No tools	No tools	No tools	No tools	No tools
Steering disc	YES	YES	YES	YES	YES	YES
Steering leg	YES	YES	YES	YES	YES	YES
Auto reset legs	Option	Option	Option	Option	Option	Option
Folded operation	N/A	YES 3m	YES 3m	No	No	No
Hydraulic folding	N/A	YES	YES	YES	YES	YES
Frame depth wheels	YES x 2	YES x 2	YES x 2	YES x 4	YES x 4	YES x 4
Number of legs	6	8	10	12	8 / 12	16
Front or rear mounting	YES	YES	YES	YES	YES	YES
Rear hydraulic linkage and drawbar	Option	Option	Option	Option	Option	Option
Rear packer roller flat/ridged	Option	Option	Option	Option	Option	Option
Hydraulic umbilical set	Option	Option	Option	Option	Option	Option

*Extra depth only available with optional LDS legs on H model



Scan the code to see the
RYETEC RESTORER ALD
in action!

WEIGHTBOX & WORKBOX – MORE THAN JUST A WEIGHT BLOCK



Front mounted box with LED hazard and worklights as standard

RyeteC's WeightBox and WorkBox have been designed to combine an effective counterweight with secure and easy to access tool storage in a full-width large capacity toolbox. They are fully customisable in a range of colours to match your tractor with your choice of logo to the front.

Features include:

- » Full width tool box sealed against dust and water.
- » 400kg Workbox up to 1,500kg Weightbox.
- » Additional detachable belly weights available.
- » Front work lights, hazard lights and internal LED lights as standard.
- » Fully customisable nameplate and colour scheme to suit your tractor.

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