



6m ALD operating at 3m front mounted with rear mounted direct drill

RYETEC RESTORER ALD

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

Product Specification	3m	4m	5m	6m	6m V	7m	8m
Leg spacing	500mm	500mm	500mm	500mm	500 - 750mm	500mm	500mm
Operational depth - S model	125 - 300mm	125 - 300mm	125 - 300mm	125 - 300mm	125 - 300mm	N/A	N/A
Operational depth - H model*	125 - 400mm	125 - 400mm	125 - 400mm	125 - 400mm	125 - 400mm	125 - 400mm	125 - 400mm
Trailed	NO	NO	NO	OPTION	OPTION	OPTION	OPTION
Leg depth adjustment	NO TOOLS	NO TOOLS	NO TOOLS	NO TOOLS	NO TOOLS	NO TOOLS	NO TOOLS
Steering disc	YES	YES	YES	YES	YES	YES	YES
Steering leg	YES	YES	YES	YES	YES	YES	YES
Auto reset legs	OPTION	OPTION	OPTION	OPTION	STANDARD	STANDARD	STANDARD
Folded operation	N/A	YES 3m	YES 3m	NO	NO	NO	NO
Hydraulic folding	N/A	YES	YES	YES	YES	YES	YES
Frame depth wheels	YES x2	YES x2	YES x2	YES x4	YES x4	YES x4	YES x4
Number of legs	6	8	10	12	8 / 12	14	16
Front or rear mounting	YES	YES	YES	YES	YES	NO	NO
Rear hydraulic linkage and drawbar	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION
Rear packer roller flat/ ridged	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION
Hydraulic umbilical set	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION



RYETEC RESTORER ALD
FOUR-IN-ONE UNIVERSAL LOW DISTURBANCE TOOLBAR & SUBSOILER



Based near Malton in North Yorkshire, **Ryetec** has been providing specialised machinery to the agricultural, forestry, and amenities sectors across the UK since 1992.

With years of hands-on experience operating, modifying, designing, manufacturing and sourcing farm machinery, we understand the unique requirements of the UK marketplace. Our philosophy of „quality over quantity” ensures that **Ryetec** machines deliver reliable performance year after year. This commitment has resulted in many customers choosing us for their second and third **Ryetec** machines, often recommending our services to others.



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FOUR-IN-ONE UNIVERSAL LOW DISTURBANCE TOOLBAR & SUBSOILER

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FOUR-IN-ONE UNIVERSAL LOW DISTURBANCE TOOLBAR & SUBSOILER

The Ryetec 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 and 6/7/5m 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.
- » ALD-E fixed low disturbance subsoiler available when a linkage isn't needed.

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 pivoting legs and discs reduce frame and leg stress as well as allowing for steering.
- » Large diameter discs (450mm) 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.
- » Available in 3, 4, 5, 6, 7 and 5m working widths.
- » Trailed units from 6-12M available with contour following wings.



Ryetec 6m Restorer ALD-E

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.

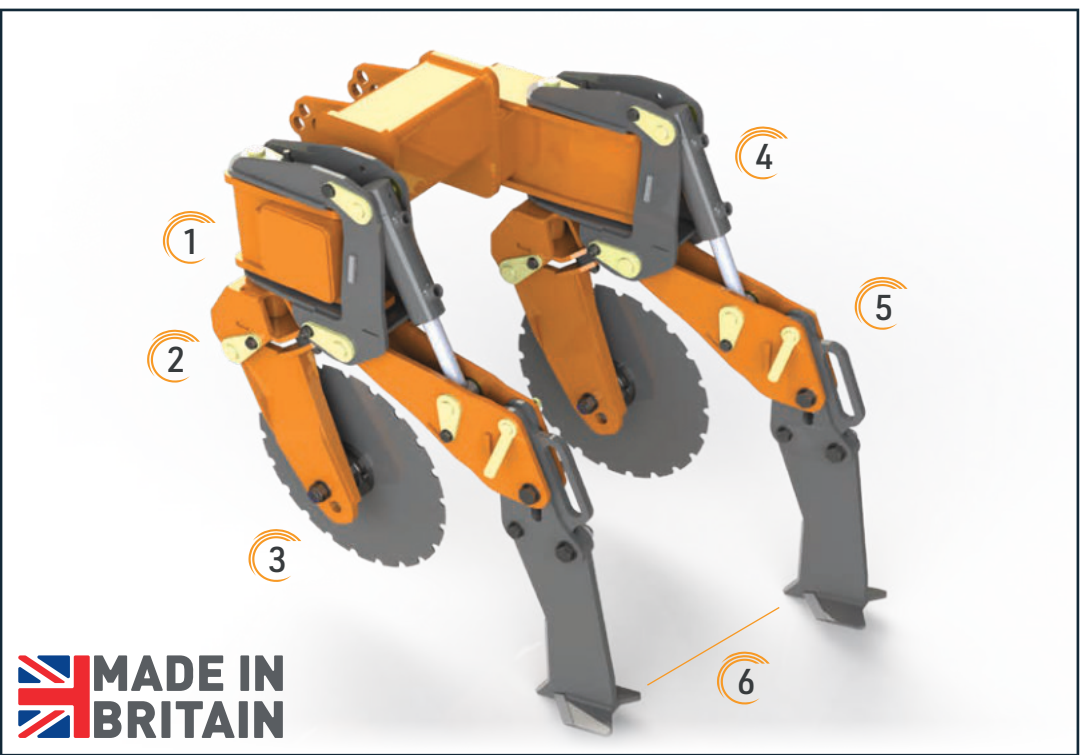
The steering system also results in less overload situations which on a fixed non steering leg would result in a sheared protection bolt or auto reset activation as the leg is free to go around a hidden

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.



1. Heavy duty pivoting discs and legs to reduce frame stress and allow for steering around obstacles.
2. Grease free technology on all pivots.
3. Large diameter 450mm discs with deep penetration to minimise disturbance of the leg.
4. Auto-Reset or shearbolt leg protection.
5. Easy no tool depth control of legs for quick adjustment.
6. 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



Front mounted 4m running with combi drill



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