

SUMO

GRASSLAND SUBSOILER

A TRULY VERSATILE MACHINE



Build quality of GLS is far superior to the opposition and offers much better value for money. I also love the fact that it is made in Britain and I'm sure that it will have a very good resale value when I come to change it.

Neville Bartlett (Farmer & Contractor),
Monmouthshire

MODEL	WORKING WIDTH	TRANSPORT WIDTH	LEG SPACING	TYPE	HP
GLS 4 AR	2.3 m	2.5 m	580 mm	Rigid	115Hp+
GLS 5 AR	2.8 m	2.9 m	580 mm	Rigid	135Hp+



SUMO

Sumo design and manufacture a range of cultivation products that are both innovative and simple to use, and have earned a reputation for outstanding build quality. British-owned and British-built, all design and manufacturing of Sumo machines is carried out at our factory near York, so we have complete control of all we do.

YOUR SUMO DEALER



SUMO

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Why subsoil grassland ?

With spiralling input costs, it makes financial sense to optimise the yield and quality of grassland production through better soil management.

The SUMO GRASSLAND SUBSOILER (GLS) has been designed with features that give farmers, equine establishments and sports field groundspeople the opportunity to do just that!



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IN ONE PASS THE GLS WILL:



1 Alleviate structural compaction in the rooting zone resulting in improved land drainage, better root development and increased fungal & bacterial activity. This in turn will lead to the release of locked in nutrients.



4 Leave a soil environment that is conducive to maximum grass growth, leading to more vigorous crops that are better suited to withstand both periods of prolonged rainfall or drought.



2 Consolidate and aerate the surface.



5 Additionally, if a seeder is fitted on the GLS, this gives the opportunity to either rejuvenate or re-seed poorer growing areas without incurring any further operating costs.



3 Remove and scatter any dead vegetation and surface debris.

“ I purchased our GLS 5 leg auto-reset in March 2010 and have done over 1,500 acres of work with it already. I pull it behind a 270hp Cat Challenger 55 crawler and this speaks volumes for its build quality. I’m very pleased with the GLS, it does an excellent job and really does improve the land drainage. ”

Lyn Davies (Contractor), Carmarthen



● Leading row of discs

FIRSTLY....

A leading row of straight, serrated discs cut through the turf on individually suspended arms.

The discs have adjustable depth positions which are easily altered via a one-bolt system. This allows the following subsoiler legs easy entry into the pre-cut soil.



● Close up of adjustable discs

SECONDLY...

The legs, which are cut from 20mm Hardox 500 and have a two piece point fitted to the shoe, lift and fracture the earth at a pin adjustable depth of 4-14".

The legs are auto-reset as standard.



● auto-reset leg



// The Sumo Grassland Subsoiler does a fantastic job. You can instantly see the benefit to improved land drainage, and one of my wettest fields is now one of my driest!

My organic customers have told me how much better their grass is now because more oxygen is being created in the soil from reduced compaction, and this is helping to release nitrogen and other nutrients for uptake by the roots.

On the GLS I particularly like the new knock-on points and I can regularly get 50-70 acres worth of work out of a set. I also really like the big full width spiked packer that leaves the field very flat and level ready for taking a cut of grass off a few weeks later. As for the build quality, well I think you would probably break the tractor before the Sumo! //

Mike Hughes (Farmer & Contractor), Pembrokeshire



● The shark fin design

THIRDLY...

The full width packer, with a diameter of 508mm, consolidates the land back down level again.

The shark fin design ensures important surface aeration, as well as closing up and firming the opening which the leg has made in the worked pasture.

The shark fins also act as a continuous, positive drive that keeps the packer turning in any conditions.

A row of individual scrapers mounted on the packer frame keep the packer running clean at all times.



● Individual scrapers

AND FINALLY....

The scarifying harrow disturbs and removes any dead vegetation as well as scattering any surface debris. It also helps to put a covering of soil on any seed that is applied during the operation.

The harrow bar is adjustable to give more or less penetration, and can be completely raised out of work when not required.



● Scarifying harrow

VERSATILITY

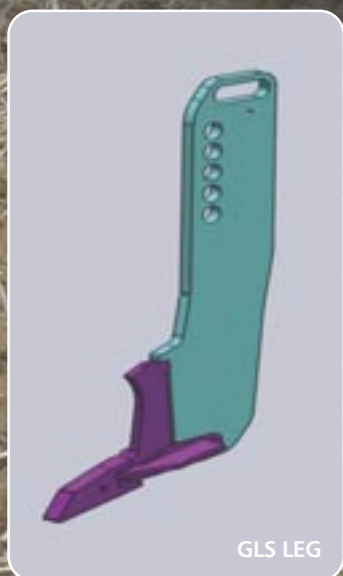
The GLS points are designed to create minimal surface disturbance in grassland and because of this, the GLS is a particularly suitable machine to use for one pass establishment of oilseed rape into stubble, greatly reducing cost of production.



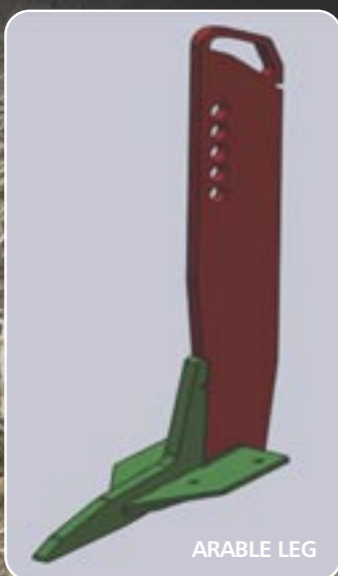
Seed can be broadcast in bands behind each leg and due to there being minimal soil disturbance between the legs, the surface remains largely sterile.



Subsequently, weeds will be discouraged from germinating and competing with the newly emerging crop using this system, leading to better established crops which should require less chemical input.



GLS LEG



ARABLE LEG

The low disturbance grassland legs and points can be interchanged with the Trio arable leg and point so that the GLS can be used as an arable subsoiler as well! This makes the GLS a truly versatile all-round subsoiler.

SUMOSEEDER



- In cab variable seed rate adjustment.
- Radar for accurate speed measurement.
- Twin electric fans supplying individual air for each row.
- Push button calibration procedure.
- The Sumoseeder comes with a fitting kit which includes rear steps, seeder bar, seeder mounts and sensor mounts.
- 6 adjustable seed outlets to allow band or full width sowing mounted in front of the packer.
- Electronic hopper low level sensor with cab alarm.
- 120 litre hopper with lid.
- Integrated calibration tray.
- large twin sight glasses to monitoring contents at a glance.
- Forward speed display.
- Work rate display.
- Areameter.