



GRASS SEEDERS



THE WELL DONE SOWING
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GS

GS Grass Seeders



SOLA introduces new range of pneumatic seeders designed for seeding into grasslands, cover crops and conventional seeding. Seeding directly into the pastures offers several advantages:



Soil Health Protection – Minimal disturbance preserves soil, boosts soil carbon, and promotes regenerative farming.

Soil structure preservation – Ideal for shallow or stony soils where ploughing is difficult.

Costs and time savings – fewer number of passes and reduced cultivation equipment investments.

Efficiency Boost – Better economics with improved seed germination and lower seed rates without taking pastures out of production.

GS features compact design with lower centre of gravity allowing use of lighter tractors, thus reducing compaction and fuel consumption. Wide loading openings and convenient platform provides easy access to hoppers when loading or changing the seed type.





Seed Openers

GS seeder features 3m rigid frame with single disc openers designed for precise and uniform depth control with minimal disturbance and low power requirements.

Single disc openers

Notched disc openers with a 400mm diameter easily cut through pasture or residue without hairpinning. Angled at 5 degrees, the discs form narrow furrow opening with minimum soil disturbance allowing easy closing with excellent seed-to-soil contact.

Rubber mountings

Each coulter is mounted independently to the chassis of the seeder. Rubber torsion blocks mountings absorb shock loads and allow each disc to move in isolation.

Simple depth adjustment

Sowing depth is adjusted by the means of shims on both sides of the seeder. Depth can be adjusted from - 3 to + 13cm with 5mm increments. The design ensures maximum weight transfer to the discs for consistent sowing depth. Equipped with two rows of total of 24 or 32 single disc openers spaced at 12.5 or 9.4cm respectively.

The rollers

Good seed-to-soil contact is essential for fast and uniform germination, especially when new seedlings compete with the existing crop.

Prizm rollers

Full width package of prism rollers consists of pairs of 450mm fixed and 500mm floating cast rings creating self-cleaning system. The cone-shaped profile of the rollers crushes clods and packs the furrows leaving excellent finish surface.

Roller's bar is mounted on narrows with self-aligning bearings reducing gapping between the rollers consolidating fill working width.





50:50



60:40



70:30

Pressurised hoppers

With the choice of 300L or 2000L pressurised hoppers grower can select right capacity for needs of his specific applications.

Both type of hoppers feature air-tight leads preventing air loss maintaining precise seed metering and distribution across the full width of the seeder.

Fixed volume modular meters accurately dose all types of seeds – from small to large sizes with rates ranging between 2 and 400 kg/ha. 2000L hopper can be equipped with 2 meters allowing applications of two different products.

To accommodate different application rates and to increase efficiency hopper can be split into two sections with ratios 70:30, 60:40 or 50:50.





Elektra metering system

Seed meters are driven by powerful electric motors making sure that valuable herbal mixes, multi species or companion crops are applied at the correct rates, regardless of working speed or field conditions. The GS seeder can be equipped with two types of control systems.

Performer 530 Controller

Easy to use Performer controller with intuitive interface provides grower with the key work information and can run one electric motor.

ISOBUS Control

Elektra system is fully compatible with SOLA's Touch 800 or 3rd party AEF* approved monitors providing ability to control up to 3 seed meters. With additional applications installed ISOBUS offers variable rate applications, creating as-applied maps and automated on/off functions.

*AEF - Agricultural Industry Electronics Foundation



Standard equipment

Conveniently located and simple to use product calibration is set through the Isobus application or Performer 530 monitor

Hopper low level sensor warns the operator when seed when seed is running out.

Powerful turbine with hydraulic drive provides plenty of air stream, sufficient for even distribution of heaviest seeds and high application rates.



Optional equipment

Additional 300L hopper allows an extra product to be applied through seed openers or through spreader plates behind the rollers.

Split hopper with 2 meters option for application of 2 products (seed/seed or seed/fertiliser)

Optional weight transfer system can apply up to 650kg of additional weight to ensure uniform sowing depth in tough conditions.



	300/24	300/32
Hopper capacity (L)	300 or 2000	
Seed opener type	Single Disc 16"	
Working width (m)	3	3
Number of openers	24	32
Row spacing (cm)	12.5	9.4
Loading height (cm)	2150	
Required tractor power, min (hp)	140	
Seed meeter drive	Electric	
Turbine drive type	Hydraulic	
Required hydraulic flow rate (L)	36	
Controller / Monitor	Isobus or Performer 530	
Signal and work lights	Standard	
Empty weight of the machine with 2000 L hopper (kg)	2435	2635
Empty weight of the machine with 300 L hopper (kg)	2195	2395



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