

FRONT HOPPER
SOLITAIR 23

COULTER BAR
OPTIDISC 25



Solitaire 23 with Optidisc 25 – a flexible solution



The Solitaire 23 front hopper can be flexibly combined with the Azurit precision seed drill or the OptiDisc 25 coulters bar. This ensures that the front hopper can be optimally utilised throughout the year. The balanced weight distribution of a front/rear combination not only delivers

stability, but also allows the use of less powerful tractors during sowing, as the rear hydraulics need to carry and lift considerably less weight.

The OptiDisc 25 solo coulters bar with parallelogram-guided double disc coulters and depth control roller, places

the seed exactly at the preset depth for both conservational and conventional sowing.



Flexibility

- 1900 l tank volume for fertiliser or seed
- Low fill height for easy filling of seeds and fertiliser
- Flexibility in routing hoses underneath or next to the tractor
- Rapid coupling due to a quick coupling system on the transport hoses



Proven metering system

- Highly precise metering with proven metering technology from the Solitaire 8 and 9 seed drill series combined with the new EcoDrill front hopper control.
- Three different metering wheel options are available for selection to ensure consistently precise application rates. This allows both fine seed and any other varieties of seed to be metered with utmost precision.
 - Precise sowing with up to four width sections to prevent overlaps
 - Easy electrical width section control from the in-cab terminal



Delivery rates are decisive

The injector tank features a practical roll tarp cover. This variant easily allows for application rates of up to 250 kg/ha.

The Solitaire 23 is optionally available as a pressure tank. This variant features a pressure-resistant tarp cover and sealed metering system as standard. This allows application rates of up to 750 kg/ha.





Front tyre packer

With a diameter of 75 cm, the tyre packer achieves high reconsolidation between the tractor wheels. This ensures that seeds have optimal soil contact after sowing.

The combination of having tyres with a large diameter arranged at an offset delivers outstanding work results without clogging, even in light soils.

The tyre packer can be retrofitted to any Solitair 23 front hopper.



Safety and comfort on the road

The optional lighting equipment gives extra safety during road transport.

There is the option of installing additional weights of up to 350 kg on the front hopper. This delivers consistently optimal weight distribution and thus excellent ride comfort.



Easy filling and monitoring

The foldable access grille and steps make for safe working conditions when filling the front hopper.

A weighing unit is available for the seed hopper to avoid tank residue and support the estimation of application rates.

Straightforward coupling

The coupling process is quick and easy to ensure that the flexibility of the Solitair 23 front hopper can be fully exploited.

- Standardised lower link coupling points cat. 3 N (optional cat. 2)
- Hydraulic fan drive for easy, straightforward coupling



- Optionally available with a single quick connector for joining the front and rear implement

As easy as it'll ever get!

OptiDisc/OptiDisc M

The coulters system is available in a hydraulic and mechanical variant.

- The mechanical system delivers a coulters pressure of up to 45 kg.
- The coulters pressure can be easily set using a lever and hole matrix.
- The hydraulic system can apply up to 70 kg pressure to the coulters.
- The system ensures reliable seed placement even with high speeds of travel.



Share system

Parallelogram-guided double disc coulters with depth control rollers.

- Both coulters pressure and seeding depth can be adjusted independently.
- Seeds are placed accurately at a constant depth, even with changing soil conditions.

- Seeds are pressed into the soil by the depth control roller to ensure even, rapid emergence.
- Unconsolidated areas between rows reduce erosion and puddling.
- A leading trapeze packer roller matched to the row distance ensures that seeds are optimally embedded in the soil.



Distributor with tramline mechanism

Four distributors positioned directly above the coulters bar ensure superior transverse distribution.

- Integrated hydraulic tramline mechanism

- Symmetrical distribution in tramline mode
- No seed return required in tramline mode

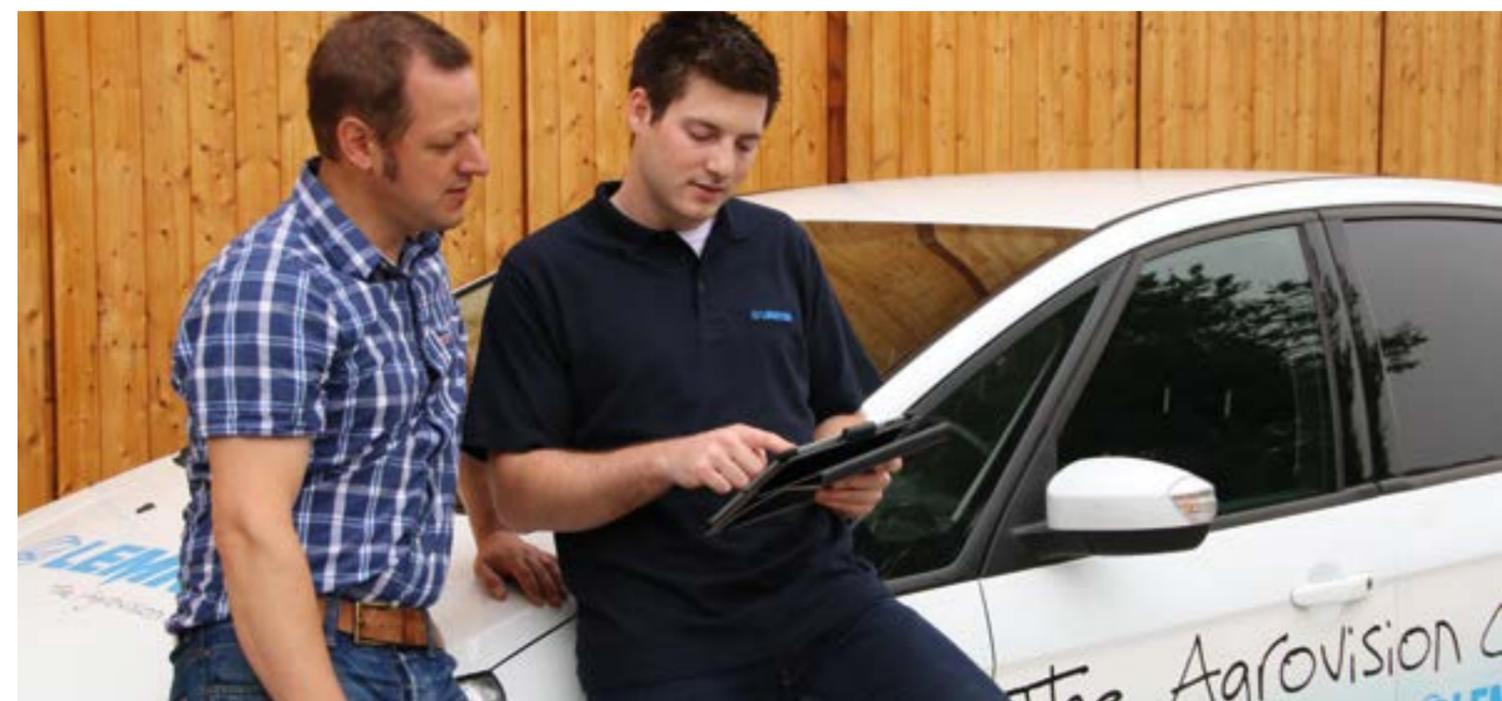
- Adaptation to a wide range of tramline systems by simply replacing distributor cartridges

Technical data

Solitair 23			
	Weight	Weight incl. additional weights	Weight incl. tyre packer and additional weights
Solitair 23	740 kg	1.090 kg	1.440 kg
Dimensions from drawbar			
	Length: 1200 mm Transport width: 2450 mm Transport height: 2000 mm		Length: 1800 mm Transport width: 2450 mm Transport height: 2000 mm

OptiDisc 25					
Model	Working width [approx. cm]	Number of rows Row distance		Weight [approx. kg]	
		12,5 cm	15 cm		
OptiDisc 25/400	400	32	27	1.165	1.080
OptiDisc 25/450	450	36	30	1.245	1.155

Service is decisive



The renowned, almost legendary LEMKEN service begins right after the purchase of a LEMKEN implement. We operate 18 branches and external warehouses in Germany and have our own sales companies and importers in more than 40 countries worldwide to ensure optimum availability of implements and spare parts in cooperation with specialist agricultural machinery dealers.

In the unlikely event that a part is not in stock, it can be ordered from the LEMKEN logistics centre, which is open around the clock, 365 days a year, and delivered to the customer within 24 hours.

Expertise from LEMKEN specialists

Highly qualified customer service technicians are available to assist farmers,

contract farmers and dealers in commissioning implements and for expert maintenance and repair. Thanks to regular training, LEMKEN customer service is always up-to-date with current LEMKEN technology.

Genuine spare parts for maximum service life

LEMKEN wear parts are conceived for maximum durability. High-quality steels, state-of-the-art production methods and intensive quality control ensure a long service life. This is why all genuine spare parts with the protected LEMKEN trademark carry a distinct signature. Genuine spare parts can be ordered online around the clock via the LEMKEN information and ordering system.



LEMKEN GmbH & Co. KG
Weseler Straße 5
46519 Alpen, Germany
Phone +49 2802 81-0
info@lemken.com
lemken.com

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