

Press Release

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Mounted, folding, pneumatic: the unique LEMKEN Solitair MF

Active seedbed preparation. Seed hopper at the rear.

With the new Solitair MF pneumatic seed drill, LEMKEN is launching a folding counterpart to the Solitair MR that meets the highest requirements in terms of precision, flexibility and user-friendliness. The LEMKEN Solitair MF is unique in this working width segment thanks to its active seedbed preparation and rear seed hopper. With its numerous practical equipment features and smart operating concept, this seed drill, which is available with a working width of four, four and a half or six metres, is a powerful tool for making the most of short time windows for sowing.

High metering precision as standard

The basic version of the Solitair MF already comes with two electrically operated metering units, each of which supplies one seed distributor. This design enables width section or half-side control as standard. With a working width of 6 metres, the seed drill can be extended to up to four width sections. The metering units are corrosion-resistant, suitable for use with fertilisers and particularly easy to maintain thanks to their easy accessibility. The metering wheels can be changed without tools, enabling quick adaptation to different types of seeds, even when the hopper is full, thanks to the integrated shut-off gate. The dose rate can be conveniently set between 0.5 and 500 kg/ha from the tractor cab.

The seed hopper of the Solitair MF has a capacity of 2,000 litres. A double tank with a 60:40 split is available as an option, allowing flexible combinations of applying different components. The Solitair MF can also be combined with the Solitair F front tank (1,900 or 2,400 litres) for particularly high efficacy and the ability to hold additional components. A roller tarp cover makes filling easier and the two-part filter can be completely removed for cleaning. The tank can be conveniently drained either via the 90 mm flap or, for smaller residual quantities, via the metering unit.

Perfect placement with OptiDisc

At the heart of the sowing unit is the maintenance-free OptiDisc coulter bar with parallelogram-guided OptiDisc M double disc coulters. Thanks to the mechanically adjustable coulter pressure of up to 45 kg, these coulters enable precise placement even under difficult conditions. The sowing depth can be adjusted centrally from the left-hand side of the machine, independent of the coulter pressure. There is a choice of row spacings, either 12.5 or 15 cm. The coulter bar can be complemented by optional harrow variants, which can be adjusted without tools and optimally adapted to variable operating conditions.

ISOBUS and iQblue: intelligent operation

The Solitair MF is compatible with all popular ISOBUS terminals and uses the intuitively designed LEMKEN iQblue seed drill operating concept. All functions can be controlled logically and clearly via the CCI terminal or any universal terminal. The optional automatic width section control and GPS-supported job management enable precise area-specific sowing.

Another highlight is the iQblue Go app, which allows central functions such as calibration testing, residual quantity drainage and fill level monitoring to be carried out conveniently from a mobile device. This makes work even more efficient, both in the field and in the office.

Practicality and transport

Successful and high yielding sowing depends on careful seedbed preparation. LEMKEN therefore recommends combining the Solitair with the Zirkon 12K power harrow. Mounting the seed drill on the power harrow headstock optimises weight distribution and positions the centre of gravity as close as possible to the rear axle of the tractor. For road transport, the Solitair MF/600 is equipped with an automatic transport support wheel that is controlled automatically when the coulter bar is folded in or out. This optimises weight distribution and improves transport stability.

About LEMKEN: LEMKEN enjoys a worldwide reputation as a visionary, sustainably operating company that makes an important contribution to profitable agriculture. As medium-sized German family company, LEMKEN has applied its expertise and passion for progress for 245 years, delivering solutions for the challenges confronting agriculture today and tomorrow. The company's product range includes tillage implements, seed drills, hoeing machines, fertiliser spreaders and smart solutions for agricultural data management.

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Image 1: The LEMKEN Solitair MF is unique in this working width segment thanks to its active seedbed preparation and rear seed hopper.



Image 2: At the heart of the sowing unit is the maintenance-free OptiDisc coulters bar with parallelogram-guided OptiDisc M double disc coulters.



Image 3: The transport support wheel increases safety during road transport.



Operation video Solitair MF: <https://youtu.be/sbJ7ofbA9OA>

Customer video Solitair MF: <https://youtu.be/nSRBYEeR-ws>