

## PRESS RELEASE

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### **AERO 32.1 – new solutions for perfect fertiliser application**

With new features on the AERO 32.1 pneumatic precision fertiliser spreader, RAUCH Landmaschinenfabrik GmbH is moving closer to its vision of perfect individual plant fertilisation. This is achieved, among other things, by the MultiRate single nozzle control, which places fertiliser precisely in small 1.10 m grids, and the FreeLane fertiliser saving system, which does not fertilise the tracks and thus saves 3% fertiliser.

#### **MultiRate – fertilisation with pinpoint accuracy**

The newly developed MultiRate single nozzle control system makes it possible to vary the amount of fertiliser per outlet manifold with high precision in a single working pass. Up to 24 sections at 1.10 m intervals represent a new dimension in small-area fertilisation. Fertilisation is precise to the point, both when switching the sections and when spreading small-grid application maps. This is real precision farming, saving fertiliser and protecting the environment.

#### **FreeLane – intelligent lane control**

FreeLane is the name of the solution that is only possible with a pneumatic fertiliser spreader. The fertiliser quantity is reduced at the application nozzles to the right and left of the tracks, and deflector plates limit the spread pattern. This means that the tracks, where no plants are growing, are not fertilised. The result is a 3% reduction in fertiliser quantity without any loss of yield.

#### **Self-adjusting fertiliser spreader – automation at the highest level**

Another highlight is the fully automatic self-adjustment of the AERO 32.1. The first standard fertiliser spreader that does not need to be adjusted. Due to its design and without the need for many sensors, accuracy in transversal distribution is built in, and adjustment according to a calibration chart for different types of fertiliser or grain sizes is not necessary. With a precision spreader even changes in fertiliser quality do not affect the spreading pattern. The desired application rate is automatically calibrated via the integrated weighing system. Farmers benefit from enormous time savings, a

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significantly reduced risk of errors and maximum operational reliability.

### **21 metre working width – precision even for smaller working widths**

In addition to 30 m, 28 m, 27 m and 24 m, the AERO 32.1 precision fertiliser spreader now also comes with a boom linkage with a working width of 21 metres. RAUCH now offers farms with small structures and field sizes the opportunity to spread fertiliser with the utmost precision.

### **The future of agriculture – available now**

With the AERO 32.1, RAUCH demonstrates how digitalisation, automation and precision technology are changing agriculture for the long term. The precision spreader is more than just a fertiliser spreader – it is an intelligent tool for the agriculture of the future. 'Our mission is to provide farmers with machines that combine maximum efficiency with ecological responsibility. The AERO 32.1 embodies this claim perfectly,' explains Volker Rathmer, Sales Manager D/A/CH.

A family company, RAUCH was founded in 1921 and today is an internationally active manufacturer of agricultural and municipal services technology. The headquarters of the company are located in Rheinmünster near Baden-Baden. RAUCH develops and builds high-quality machines for fertiliser spreading and spreading technology for municipal winter services. In addition, RAUCH is an original equipment manufacturer of seed drill technology components. In the 2024/2025 financial year, a turnover of 92 million euros was achieved with 426 employees. Around 78 percent of the products manufactured are exported.

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