

## PRESS RELEASE

September 2023

### **RAUCH offers the first fertiliser spreader for automatic and autonomous coupling to the tractor.**

#### **AutoCoupling with electric parking rollers**

The RAUCH AutoCoupling system enables simple and convenient coupling of an agricultural implement to the tractor. With electrically driven parking rollers, manoeuvring a spreader becomes child's play. The RAUCH app serves as a remote control.

Of a total of four parking rollers on the attachment, the two front ones are electrically driven. The implement can be manoeuvred by varying the speed of the left or right drive wheel. This allows the spreader to be moved forwards and backwards in any direction. Batteries with 50Ah are installed on the implement to supply the function with electrical energy.

With the help of an optical sensor mounted on the front of the implement, AI algorithms can detect the position of the tractor and the lower link. Thus, the machine automatically manoeuvres itself into a hitching position.

Connecting the hydraulic and electric connection elements is done manually by the user. To use AutoCoupling, only the function is called up in the RAUCH app and the automatic coupling process is started by pressing a button.

To ensure the safety of this function, it only remains active as long as the user presses the button in the app.

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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 2022 financial year, a turnover of 407 million euros was achieved with 407 employees. Around 73 percent of the products manufactured are exported.

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