

NEXAT presents at Agritechnica 2025: A new level of efficiency in crop production for the agriculture of the future

At Agritechnica 2025, NEXAT will not only showcase one of the most efficient and innovative crop production systems for the agriculture of the future but will also present an expanded product portfolio. This underlines the company's commitment to offering holistic solutions for efficient and sustainable agricultural processes.

"Our goal is clear: NEXAT will be the most economical arable farming system on the market – through efficiency, field performance, and intelligent technology," explains Managing Director Felix Kalverkamp. He adds, "At Agritechnica, we are demonstrating that profitability, sustainability, and intelligent technologies are not contradictions – but together pave the way for a new era in agriculture."

Over the past two years, NEXAT has proven in practice that the system enables a significant reduction in operating costs – by up to 25% compared to conventional methods – marking a milestone in terms of profitability and resource efficiency.

Large-scale technology for North and South America

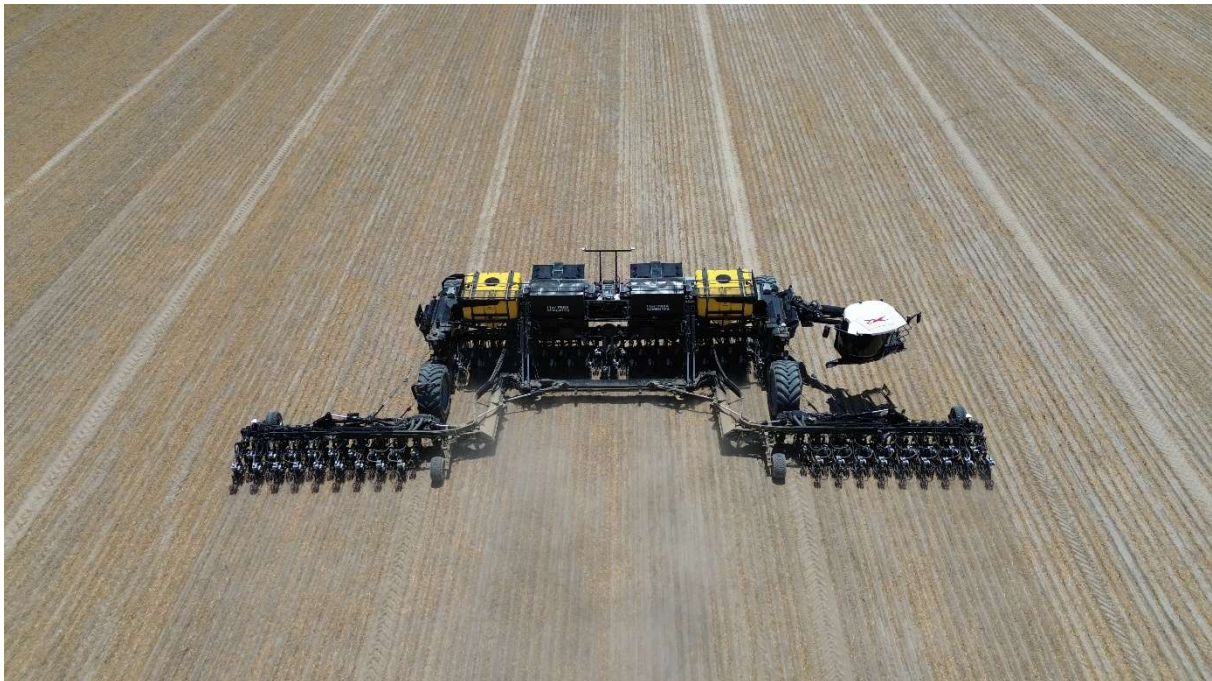


Figure 1: NEXAT with 28 m toolbar in Brazil

NEXAT is also continuing to expand its international presence. For large-scale markets in North and South America, the portfolio has been specifically adapted: seeding technology up to 28 meters working width is now available, featuring direct seeding technology from K-Hart and precision seeding technology from Baldan (Brazil).

With increased seed hopper capacities, field outputs of up to 200 hectares per filling are possible for soybeans – and even more for corn. These performance figures highlight the system's power and efficiency for large-scale operations.

"With our system concept, we combine efficiency, precision, and profitability – whether on 100 or 10,000 hectares," says Kalverkamp.

Focus on autonomy, automation, and process optimization



Figure 2: The autonomous NEXAT system

Another key theme of NEXAT's trade fair presentation is the consistent development toward highly automated and, in the future, autonomous operation. The combination of electric wheel hub drives, a 360° rotatable cab, intelligent environmental monitoring, and centralized process control already enables largely automated and precisely coordinated workflows today.

A special highlight is the ongoing field trials for autonomous operation, through which NEXAT impressively demonstrates how agricultural processes can be managed independently, safely, and efficiently in the future. These trials represent a crucial step

toward fully automated, AI-driven, and digitally connected agriculture – providing valuable insights for practical applications under real-world conditions.

At the fair, NEXAT will demonstrate how user comfort, safety, and cutting-edge technology merge to create a new benchmark for automation and efficiency. The NEXAT carrier vehicle system provides the ideal technical platform to implement automation and autonomy reliably and practically – from machine control to process optimization at the farm level.

“Highly automated systems are another key to reducing labor costs while increasing precision and sustainability,” emphasizes Felix Kalverkamp. “NEXAT provides the platform that makes this transformation both realistic and economically feasible like no other system,” he adds.

Expanded product portfolio for Europe

Since the last Agritechnica, NEXAT has significantly expanded its range of implements (see: nexat.de/en/products). The new additions to the European lineup include:

- the next generation of the Väderstad Tempo NX27,
- a Väderstad Cultus HD cultivator,
- a fertilizer spreader from AMAZONE - ZG-TS 200001,
- a fine cultivator from BAARCK,
- a prism roller from Güttler – Matador 1360,
- a direct seeding machine from Canadian manufacturer K-Hart,
- a knife roller from Eidam Landtechnik GmbH – innoMADE MW-X,
- and a row hoe from Einböck – Chopstar Max.

With these additions, NEXAT now covers a wide range of arable farming processes – from soil cultivation, seeding, fertilization, and crop protection to harvesting with the NECX0 harvest module. All operations are fully integrated into the modular NEXAT carrier system, which combines maximum precision, efficiency, and flexibility. By intelligently combining the modules, workflows are optimized, operating costs are reduced, and the system’s technical advantages create clear economic value.

This opens up new opportunities for farms to make their production processes more economical, resource-efficient, and future-ready.

Expanded product portfolio for Europe

With the Field Engine – a future-oriented, manufacturer-independent Farm Management Information System (FMIS) – NEXAT underscores its systemic approach to holistic farm management. The open platform intelligently connects machine, process, and farm data, enabling well-founded decisions to optimize profitability, resource use, and sustainability. With this, NEXAT takes the next step toward digitally integrated and AI-driven agriculture.



Figure 3: FieldEngine – Farm Management Software

NEXAT stands for a clear message: profitability, innovation, and trust – for a more profitable agriculture of the future.

NEXAT was founded in 2017 by Felix and Klemens Kalverkamp and is based in Rieste, Germany. With more than 140 employees, NEXAT is one of the most innovative agricultural machinery manufacturers worldwide. The crop production system developed by NEXAT is already operating on three continents due to global demand. The NEXAT system enables maximum yield potential to be developed with maximum conservation of soil and resources. In doing so, the young company draws on the more than 50 years of expertise of the Kalverkamp founding family, which is expressed in numerous product developments and awards in agricultural technology. The gold medal for the NEXAT system in 2022 (Agritechnica Innovation Award) and the Agrifuture Concept Award (Agritechnica, DLG, 2023) reflect NEXAT's innovative strength. Information & contact people for the NEXAT system can be found on the website www.nexat.de/en/



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