

PRESS RELEASE

Kverneland Expands GEOFORCE Technology to all SX Models of the Optima Range

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Kverneland Optima V SX sowing row with GEOFORCE system

Kverneland presents latest update to its precision sowing technology: the GEOFORCE automatic pressure control system is now available on all Kverneland Optima models with SX sowing units.

Developed for precise seed placement in changing field conditions, GEOFORCE automatically adjusts the row pressure in real time. Each sowing unit is monitored individually and regulated on the go, ensuring a constant downforce or press release for a uniform seeding depth, even across compacted areas such as wheel tracks or tramlines.

“GEOFORCE takes the guesswork out of precision sowing,” says Constantin Homann, Product Manager for Precision Seeding at Kverneland Group. *“It improves efficiency and reduces operator workload. Accurate seed placement at an even sowing depth especially for*

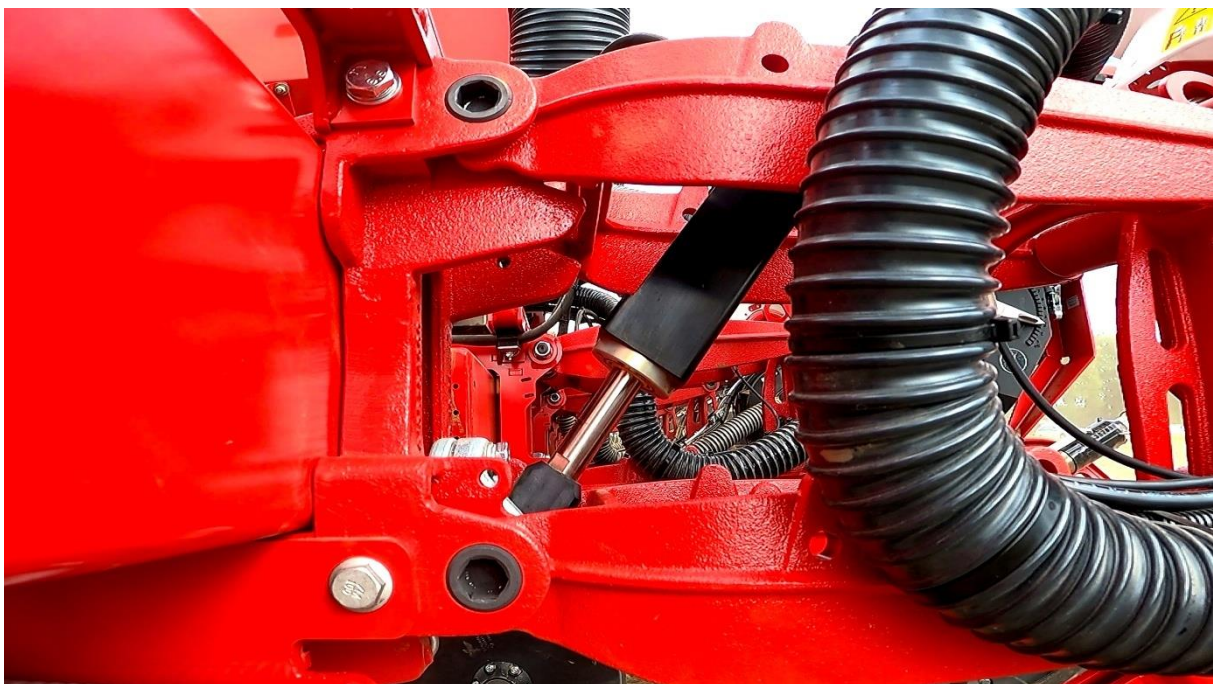
smaller seeds like rape seed will ensure an even germination, field emergence and crop development for high yields.”

Smarter Sowing in Any Condition

Soil conditions can vary widely across a field. While light soils need minimal pressure, heavier soils require more force for proper penetration. If the pressure is too low, there is a risk of furrow collapse and inconsistent seeding depth. Excessive pressure, on the other hand, can cause sidewall compaction which might hinder root development and makes it more difficult to close the furrow. At the core of GEOFORCE is a smart sensor system and double-acting hydraulic cylinder, automatically adjusting downforce or releasing pressure row by row. The result: no more bulldozing, fewer weeds, less seed loss, and improved performance at higher speeds. It also lowers wear on components, reduces fuel use, and supports sustainable farming by enabling more targeted applications.

Now Available for All Optima SX Models

After a successful initial rollout in 2024, Kverneland is now making GEOFORCE available across its full **Optima SX precision drill range**. Farmers can now benefit from this **fully automated, ISOBUS-compatible solution** regardless of their chosen configuration.



A double-acting hydraulic cylinder as actuator at the parallelogram of the sowing unit

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