

PRESS RELEASE

Kverneland Chemical Inductor with Closed Transfer System integration

For precise, safe and environmental friendly filling

November 2023 Nieuw-Vennep, The Netherlands



Kverneland Chemical inductor with CTS

Kverneland is ready for the future introduction of the environmental friendly Closed Transfer System (CTS) and upcoming legislation. The chemical inductors of the Kverneland trailed and self-propelled sprayers are adapted to integrate CTS equipment directly at the filling station. A Closed Transfer System is giving a safe, precise and environmental friendly solution to transfer the plant protection products to the sprayer. The goal is a spill-free filling with minimum risk for both operator and the environment by reducing point source contamination and operator exposure.

Environmental benefit

A Closed Transfer System ensures a safe, quick and precise way of filling the product in the right concentration as well as integrated cleaning of housing and container. Therefore the use of a Closed Transfer System limits the main risk of point source contamination into soil or surface water by limiting the risk of product leakage during filling operation. The complete product is used and the cans are completely emptied and cleaned by the CTS system, so only empty and clean cans are left for recycling.

Quick, safe and precise filling

With a Closed Transfer System there is no need to manually open containers and pour the liquids into the open induction hopper. Alternatively, the containers are directly placed on the CTS housing to allow the products to flow in a controlled way into the sprayer, even if a container volume is only partly needed. The remaining induction bowl provides users still the possibility to safely fill products like powders and granules into the machine. The chemical inductors are equipped with a suction connection to transfer the liquid into the main tank and a pressure connection for clean water to rinse and clean the containers, interface and CTS equipment after use.

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