**PRESS RELEASE**

**New web application**

**KUHN AURA FARMTRAK**

***New web application to completely set up AURA on the farm.***

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KUHN FarmTrack is a web application to completely set up AURA on the farm. Points of interests and connecting routes are defined in the application. With KUHN Farm Track and AURA there is no need for any constructional modifications.

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**Innovative characters about the product by comparison with the previous state of the art.**

KUHN Farm Track is an easy and intuitive interface for quick, secure, and efficient installation of AURA.

Relevant points of interest for AURA like:

* Silos
* Different stocks (e.g. mineral components)
* Feeding areas

are directly defined on a satellite map of the farm. Trajectories (routes) connecting these different points of interest are created in just a few clicks without the physical presence of the machine. At delivery AURA can already follow the trajectories programmed upstream:

While defining trajectories between the points of interest, KUHN Farm Track is simultaneously calculating the kinematic feasibility of these routes. For the planned trajectories graphical feedback is directly shown.

Different actions like opening the door of a building or activation of external loading screws, can be configurated very quickly.

Depending on the width of a silo, trajectories within the silo are calculated automatically.

**State of the art:**

Today all automatic feeding solutions have a physical impact on the infrastructure (create a kitchen, wire guidance, transponder, etc.). With KUHN Farm Track in combination with AURA there is no need for these constructional modifications.

AURA is a total autonomous self-propelled mixer which loads directly in the silos. Thanks to KUHN Farm Track no wire guidance or transponders need to be installed to secure navigation on the farm. Points of interests and trajectories are defined directly in the user-friendly web-application KUHN Farm Track.

KUHN Farm Track offers high flexibility of integration and allows adaption to future changes of buildings and silos on the farm. AURA is an evolving and adaptable solution.

**Special features/advantages?**

Economic: KUHN Farm Track offers a quick integration solution without constructional modifications. This reduces the cost of integration for an autonomous feeding system.

Silage face management: the face removal depth is managed in KUHN Farm Track so that the whole width of the silo is milled once per day. This minimizes the exposure to oxygen and thus maintains highest feed quality.

Easy-to-use: KUHN Farm Track provides different personal access rights to farmers and dealer technicians.

* KUHN Farm Track makes the robotics of AURA (navigation, localization, etc.) accessible to dealers and their technicians. Dealers who can create and modify trajectories are trained in the risks of moving the machine on its environment.
* KUHN Farm Track is also a diagnostic tool: Technicians can quickly identify difficulties related to peripherals (Wi-Fi network, etc.).
* Farmers can close and open trajectories for example during harvest periods, when silo pits are being filled.The continuous double-pitch auger optimizes both filling and mixing efficiency across all models.

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