



## PRESS RELEASE

### The autonomous concept KARL

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KARL, the solution imagined by KUHN for independent field work in crop production  
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KARL is a concept in development offering new technical possibilities and great working flexibility for farmers seeking to deal with recurring workforce issues.

#### **An autonomous solution**

KARL carries out work without human intervention. Once the plot has been delimited, the operator creates a work mission, places KARL in the plot, adjusts the work parameters and starts the mission which then runs automatically.

#### **The driver is the tool**

Ultimately, the result is a successful cultivation operation within an optimal working window, for example the right tillage depth, the adequate seed application rate or even regular and fine shredding of residue. The tool linked to KARL transmits the information necessary for proper work performance and KARL adjusts its parameters to carry out work adapted to different soil and vegetation. In the applications possible with KARL's assistance, we started with tillage and more precisely with the power harrow but there will be many more. Furthermore, KARL is already perfectly capable of detecting certain malfunctions and implements corrective actions independently.

#### **Working in fleet to organize work output**

With a power of 175hp, KARL is designed to meet the demands of most farm sizes, whether medium or large. How? By the flexibility offered by working in fleet. Adding a second or even a third KARL vehicle can be carried out during the mission to increase work output tenfold. It's very easy to do from the system's mobile application.

#### **Particular attention is paid to preserving the resource**

Our most precious resource being the soil, KARL's limited size and weight, as well as its tracks of different sizes, limit ground pressure and thus minimize compaction. Less compaction means less runoff, improved soil life and preserved root development potential.



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