



## PRESS RELEASE

### **KUHN presents the new HIGHLANDER tine cultivator: Scalping and mixing, the machine that works for your soil!**

Discover HIGHLANDER, the new stubble cultivator from KUHN, designed to work efficiently on all types of soil and residues from the very first pass. With its innovative design, it meets a wide range of stubble cultivation requirements.

KUHN presents HIGHLANDER, its new tine cultivator, designed to meet a variety of cultivation needs: shallow scalping, destroying and incorporating residues and weeds, levelling, and preparing the soil between crops. This cultivator adjusts its working depth from 3 to 20cm.

#### **Agronomic benefits: optimisation of soil health and crop growth**

Scalping with HIGHLANDER reduces competition for nutrients and water, promoting better crop growth. Equipped with blades, HIGHLANDER cuts through weed root systems, preventing regrowth and creating fine soil ideal for crop germination.

HIGHLANDER is designed for medium stubble cultivation. Mulching residues accelerates the decomposition of crop residues into organic matter, improving soil structure and fertility.

Tilling promotes air and water circulation, which is essential for beneficial microorganisms, and facilitates plant root penetration. Ideal for incorporating, HIGHLANDER ensures even distribution of nutrients and reduces the risk of erosion.

#### **Innovation, comfort and performance for optimal, effortless use!**

Up to 8 gauge wheels can be fitted to the HIGHLANDER, coupled with a floating drawbar and floating extensions, ensuring excellent ground tracking both across the width and length of the machine.

Working depth is controlled by the gauge wheels, allowing for consistent and uniform working depth at shallow depths.

With its 4 rows of tines and maintenance-free Non-Stop Mechanical safety features, HIGHLANDER can withstand a point load of 350kg, ensuring safe and efficient use. The tines on the HIGHLANDER stubble cultivator can be fitted with wings and five different types of points: three DURAKARB carbide points measuring 50mm, 65/35mm or 80/50mm, and two forged points measuring 60mm or 80mm. These options allow the tool to be adapted to various types of soil and working conditions.



be strong, be **KUHN**

At the front, HIGHLANDER can be equipped with pre-cutting discs with adjustable pressure to effectively cut vegetation stems and facilitate the work of the tines. The levelling blades are ideal for light to medium soils, while the levelling discs are perfect for medium to heavy soils, even in the presence of vegetation.

HIGHLANDER is equipped with a 550mm diameter Double U roller with adjustable pressure, or a triple harrow with hydraulic tilt adjustment, offering great flexibility of use. The triple harrow is designed to leave residues and roots on the surface, thus avoiding replanting. For autumn operations, HIGHLANDER can also be used without a roller, allowing it to work effectively even in wetter conditions.

Finally, road transport of the HIGHLANDER is facilitated by a transport width of 3 metres and a height of less than 4 metres, in compliance with European standards. The machine is equipped with a hydraulic or pneumatic braking system and suspension, ensuring optimum safety during transport.

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HIGHLANDER offers an innovative and high-performance solution for soil cultivation. This new shallow tine cultivator is available in widths of 6 and 7.5 metres for tractors ranging from 180 to 400hp. Whether for scalping, mulching or incorporating, this machine ensures efficiency and flexibility with a finish tailored to the conditions and type of soil. With HIGHLANDER, soil preparation operations are simplified while maximising yields.

