



Stubble tine cultivator
HIGHLANDER

PRODUCT INFORMATION



HIGHLANDER: Scalping and mixing, the machine that works for your land!

Discover the new KUHN shallow cultivator, capable of working efficiently on all types of soil and residues from the very first pass. The HIGHLANDER adjusts its depth from 3 to 20 cm to scalp and mix the soil with unrivalled efficiency. Prepare your soil effortlessly and discover exceptional stubble cultivation performance.

SCALPING AND MIXING, THE MACHINE AT THE SERVICE OF YOUR LAND

SCALPING

Scalping, with the HIGHLANDER equipped with wings, cuts the root systems of weeds, preventing them from regrowing. The wings penetrate the soil and create fine soil, ideal for crop germination.

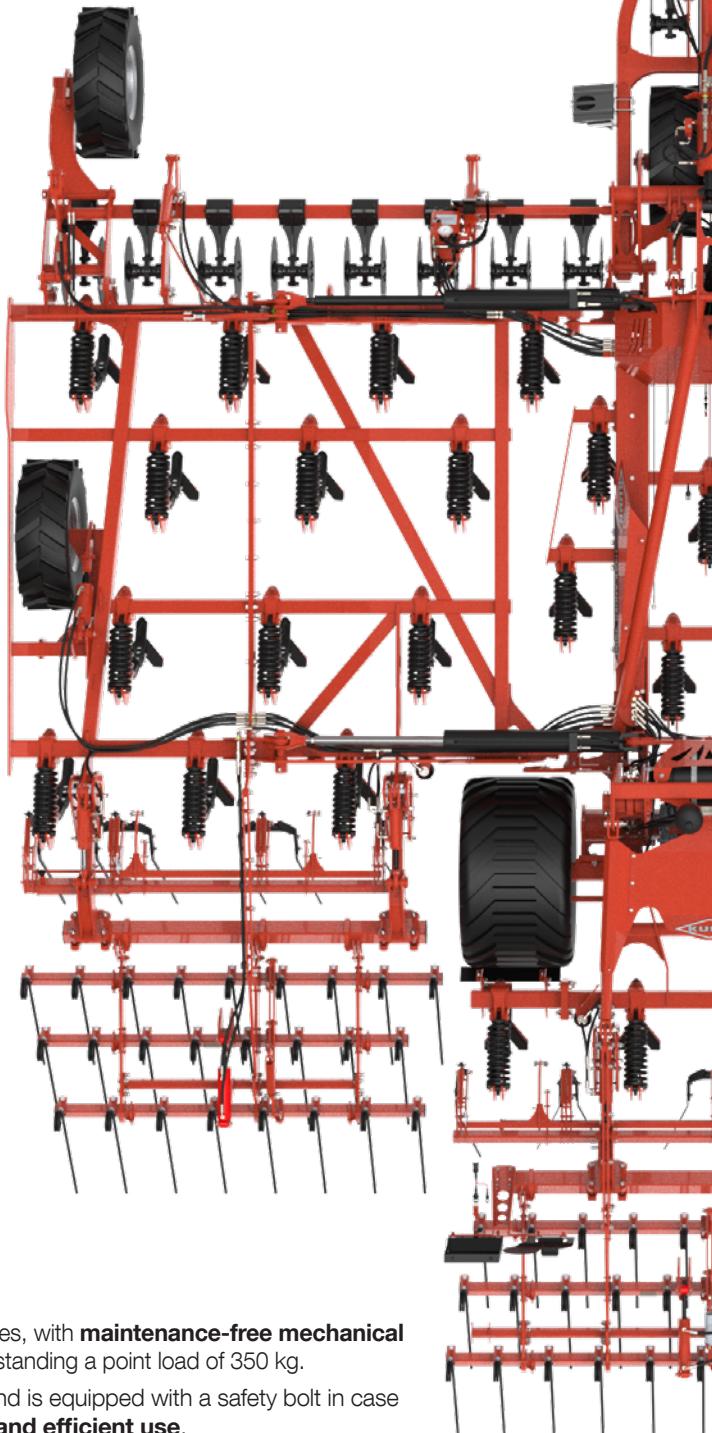
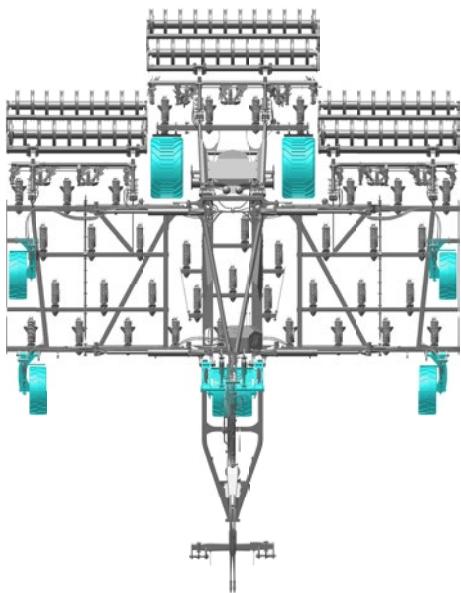
By reducing competition for nutrients and water, scalping promotes better crop growth. The fine soil improves the seedbed, ensuring good contact between the seeds and the soil for successful germination.

Scalping with the HIGHLANDER leaves the soil clean without effort.

Ground tracking by the wheels

The machine is equipped with 8 gauge wheels, including a floating drawbar and floating extensions, allowing for excellent ground tracking both widthwise and lengthwise.

The result: consistent and uniform working depth, even at shallow depths.



4 rows of tines

- The machine is equipped with 4 rows of tines, with **maintenance-free mechanical non-stop safety devices** capable of withstanding a point load of 350 kg.
- The tine offers **two working positions** and is equipped with a safety bolt in case of exceeding 350 kg, thus ensuring **safe and efficient use**.
- The clearance under the frame is 70 cm, and the tine pitch is 20.7 cm.



50 mm DURAKARB carbide



60 mm forged



65/35 mm DURAKARB carbide



80 mm forged



80/50 mm DURAKARB carbide



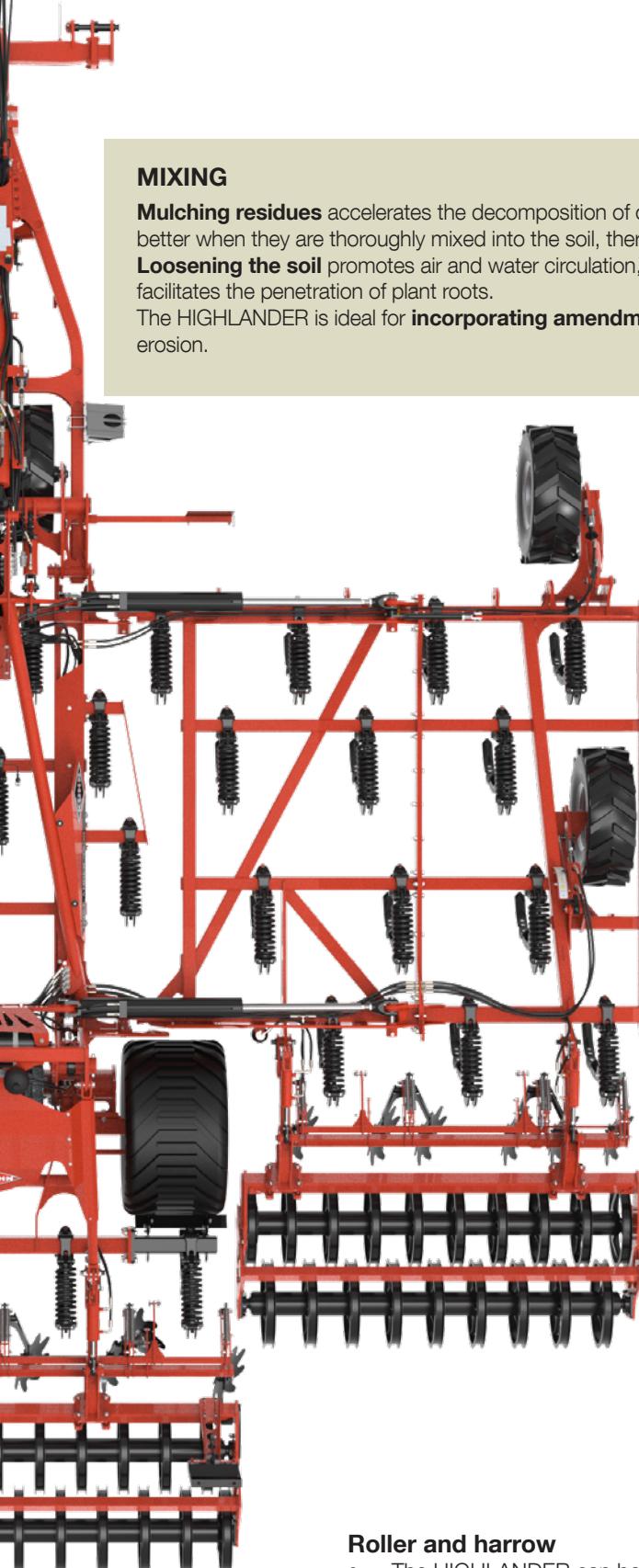
Wings

MIXING

Mulching residues accelerates the decomposition of organic matter, enriching the soil with nutrients. Crop residues decompose better when they are thoroughly mixed into the soil, thereby improving its structure and fertility.

Loosening the soil promotes air and water circulation, which is essential for beneficial microorganisms. Loosened soil also facilitates the penetration of plant roots.

The HIGHLANDER is ideal for **incorporating amendments**, as it ensures even distribution of nutrients and reduces the risk of erosion.

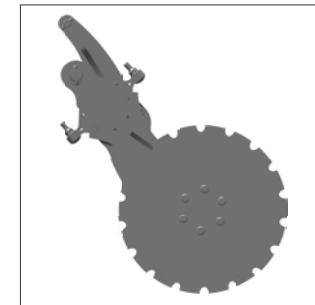


Front equipment

The HIGHLANDER can be equipped with **pre-cutting discs** at the front with adjustable pressure.

This equipment is ideal for use in areas with dense vegetation, as it effectively cuts through the stems.

This pre-cutting makes the tines' work easier, ensuring optimal soil preparation.



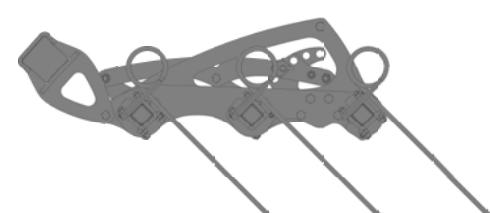
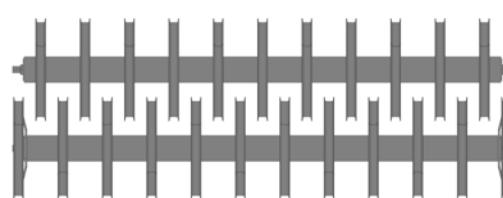
Levelling

- Levelling is optimised thanks to **centralised depth adjustment**, accessible from the side.
- The **levelling blades** are ideal for light to medium soils and are equipped with independent wearing parts, ensuring increased durability.
- For medium to heavy soils, the **levelling discs** are perfectly suited, even in the presence of vegetation, guaranteeing optimal performance.



Roller and harrow

- The HIGHLANDER can be equipped with a 550 mm diameter Double U roller, with adjustable pressure to adapt to different working conditions.
- It is also possible to replace the roller with a triple harrow, equipped with hydraulic tilt adjustment, offering great flexibility of use.
- Finally, for autumn work, the HIGHLANDER can be used without a roller, allowing it to work effectively even in wetter conditions.



HIGHLANDER 6000 | 7500



Road transport

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.



Technical specifications

	HIGHLANDER 6000	HIGHLANDER 7500
Minimum tractor power (kW/hp)	132 / 180	170 / 230
Maximum tractor power (kW/hp)	264 / 300	330 / 400
Working width (m)	6	7.6
Transport width (m)	3	
Working depth (cm)	3 to 20	
Working depth adjustment	Continuous hydraulic	
Type of tines	Non-Stop Mechanical	
Number of tines	29	37
Transport wheel dimensions	560/45R22.5 or 620/45R22.5	
Hitch categories	Cross shaft 3/4/4N - K80 ring - Ball joint ring	
Weight (kg) with NSM tines and Double U roller	7600	8700
Rear equipment available	Double U - Triple comb harrow	

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