

PRESS RELEASE

OPTIMER disc stubble cultivators: an additional model and new equipment to enhance the range

The OPTIMER L and XL range, with 510- and 620-mm discs, is expanding with the arrival of the OPTIMER L 12500 dedicated to CTF* and the addition of harrows and seeding equipment. With its range of independent disc stubble cultivators from 3 to 12.5 metres, KUHN meets the needs of all farms for stubble cultivation work.



The right equipment to improve stubble cultivation performance:

A key stage in the management of intercropping, stubble cultivation must be well thought out to ensure the best possible establishment of the following crop.

To achieve this, KUHN is making new equipment available to enhance the OPTIMER range:

- The shredder roller is available for working in cover crops or crop residues. Its 400 mm diameter ensures high rotation speed for a highly effective cutting effect. Once cut, the plants break down much more quickly and naturally return the nitrogen to the soil.
- The levelling board helps level the furrows and break up clods before the discs pass through. Continuous hydraulic adjustment of the working height and the possibility of retracting it for stubble cultivation provide real ease of use.
- The intermediate harrow, located between the discs and the roller, distributes the straw across the entire width of the machine before the roller passes. The result is even work and well-crumbled soil.



- The rear harrow, placed behind the roller, meets various needs:
 - o Mechanical weeding, with the roots exposed to air after the roller has passed,
 - o Surface treatment of larger aggregates,
 - o Distribution of straw or residue.

- With the cover crop seed drills and the front hopper kit, KUHN offers a global seeding solution with the OPTIMER range by carrying out two operations in a single pass. This is a double win for the user:
 - o Economically: saving time and reducing establishment costs
 - o From an agronomic point of view: the seed is placed in the flow of soil and directly tamped, with no loss of moisture. This ensures optimum germination.

- A very wide range of rollers is available to provide the ideal tamping solution depending on the type of soil and the desired work objective.

- Improved soil monitoring for perfect control of working depth whatever the soil conditions. OPTIMER tractors feature a ground tracking system that ensures even, uniform working quality across the entire plot, even at high speeds. For greater precision, the 6 to 12.5 metre chassis can be fitted with the Steady Control innovation developed by KUHN for immediate reactivity to soil conditions.

New OPTIMER L 12500 model to reduce soil compaction

The compaction of cultivated soils is a reality that has a negative impact on crop yields. To remedy this, KUHN is launching a 12.5 metre working width model in its OPTIMER range for use in CTF* or "controlled traffic farming". The aim is to establish fixed tracks in the field for all machinery and equipment, thus reducing the percentage of compacted soil to a minimum. By using this technique, soil quality is improved, with better infiltration and water retention leading to higher yields.

This new model is only available in the L version (510 mm disc) with Double U roller.

**Controlled traffic farming*

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