



## PRESS RELEASE SIMA 2009

### 3-Pt mounted CULTIMER 500: Multi-purpose tine tool Only one tool for surface stubble clearing and soil loosening !

KUHN extends its range of tine tools with the 3pt mounted CULTIMER 500 , of which the main specification is versatility.

This versatility is obtained through the combination of 3 tools: **tines**, **discs** and **roller**.

- The **tines** (**3 rows** on **mounted models** and **4 rows** on **trailed models**) provide breaking up and crumbling, intensive mixing and surface levelling in one pass.

- The **curved forme** of the tine promotes **soil-residue mixing**. The large dimension **deflector** increases the soil turning over effect and facilitates residue disposal.
- Fitted with fins, the tine allows carrying out **surface stubble clearing** following the harvest. The whole soil surface is worked.
- Without fins, the 80 mm (3.14") point can work at depth of up to 30 cm (1") for **restructuring the lower horizons** and enables preparing the soil before sowing in no-till applications.
- The tine **safety** is ensured by a **thick double spring** that avoids any drumming.
- The high **underbeam clearance** (84 cm/2'7") enables working in large quantities of plant residues. The tine spacing over the row (90 cm/2'9") reduces all risks of clogging.

- The **levelling discs** interdependent with the roller support do not require any particular adjustment when modifying the working depth. They help leave a level surface after the tines.

- The **roller** controls the tine working depth and provides soil compaction. The working depth is adjusted by means of **pins**. According to the conditions of use and the required compaction, two types of rollers are available: **Tube** (Ø 550 mm/21") or **T-Ring** (Ø 600 mm/23") distinguishable through its aggressiveness and its action on straw which accelerates its decomposition.

The CULTIMER range is composed of:

- Mounted models with working widths of **3 m to 5 m (9'10" to 16'5")**
- Trailed models with working widths of **6.5 m to 8 m (21'4" to 26'2")**