



## PRESS RELEASE

### **KUHN presents the DT subsoiler: a robust and efficient solution for deep soil cultivation up to 60 cm, available in 3 or 4 metre versions.**

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The DT range is ideal for pseudo-tillage work. The curved tines, arranged in two rows, ensure deep restructuring and intensive mixing. The DT subsoiler is a simple, robust and effective machine for deep soil cultivation, offering the best conditions for crop development.

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#### **Agronomic benefits**

Managing soil compaction is crucial to the success of future crops. DT effectively removes compacted layers of soil, restoring its porosity, improving aeration, encouraging water infiltration and supporting root development in future crops.

Stirring the soil at the surface facilitates the burial and rapid breakdown of crop residues into organic matter. The possibility of incorporating chemical and organic amendments increases soil productivity. Optimum root development in nutrient-rich soil guarantees yields.

#### **A model for every farm**

The DT L 300, with a width of 3 metres, is designed for light soils and tractors up to 230 hp. It can work at depths of up to 50 cm. The DT L has large under-beam clearances (780 mm in T and 870 mm in NSH) and large distances between the two rows of tines (800 mm in T and 850 mm in NSH), guaranteeing blockage-free work even in the presence of residue.

DT XL are available in fixed versions 3 and 4 metres wide. They are suitable for heavy soils and high-powered tractors up to 400 hp. They are designed to descend to depths of up to 60 cm. Like the L version, the DT XL models offer high passage capacity thanks to their under-beam clearances (920 mm in T and 1000 mm in NSH) and the distances between the two rows of tines (870 mm in T and 1000 mm in NSH).

#### **The tine: the centrepiece**

Two types of tine safety are available. The first option is the mechanical traction bolt safety device (T), offering a peak power of 3550 kg for the L tine and 4370 kg for the XL tine. The second option is the NSH safety system, which allows the trigger pressure to be adjusted between 165 and 190 bar, with a maximum peak power of 1190 kg for the L-shank and 1670 kg for the XL-shank.

The finned explosive tooth is 350 mm wide and has two fin height positions. It is equipped with a spark gap triangle and a 70 mm quick-fit tip, also available in a carbide version.



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### **Working efficiency**

Working efficiency is ensured by deep fissuring and surface preparation in a single pass. Mechanical or hydraulic folding side deflectors ensure that the soil flow is maintained. What's more, the working depth can be infinitely hydraulically adjusted using the roller.

### **Guaranteed levelling**

The double roller ensures optimum levelling of the surface soil after the tines have passed. Thanks to its integrated roller bearings, the DT ensures levelling as close as possible to the surface. The risk of vegetation wrapping around the bearings is also avoided.

The crumbling effect of the roller encourages the next crop to be planted, while its high reconsolidation helps to retain moisture in the soil.

Horizontal adjustment of the front roller with the rear roller is achieved by means of a spindle, enabling the pressure on one of the two rollers to be increased. In addition, the possibility of increasing the distance between the rollers makes it easier to work in stony conditions.

### **Efficiency in its purest form**

With the DT, you can restructure your soil in depth while preparing the surface. With their high throughput capacity and robust design, these new machines in the range perform well in all situations.

