

PRESS RELEASE

Kverneland Group presents new strip-till machine Kultistrip

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Ensuring yields, cutting down production costs and preventing soil erosion are the main targets of the strip-till soil management system. To achieve these targets under various climatic and agronomic conditions, the Kverneland Group has developed the strip-till concept Kultistrip.



Due to the special arrangement of the different work zones, the Kverneland Kultistrip ensures a defined loosened furrow, free of any residues in just one pass. High plant germination ratios ensure high yields. Combining the Kverneland Kultistrip with, for example, a front-hopper, fertiliser such as phosphorus or nitrogen, can be placed directly under the plant-roots. Alternatively, slurry injection is possible in a short change-over time.



The new Kverneland Kultistrip is based on a strong frame upon which the single strip-till rows are mounted. This allows various row widths from 45 to 75cm. Kverneland will offer rigid frames up to 6 meter working width for season 2014. Foldable frames will follow. The individual rows are connected by a spring-loaded parallelogram system in order to follow the ground contours.

The row has been designed to be as short as possible in order to reduce the lifting capacity. The unit is equipped with a large diameter disc of 520 mm for opening the soil and cutting long trash residues. The following trash-wheels are able to move high amounts of residues out of the cultivated line, creating a residue-free and unique seedbed.

After the clearing of the residues, the soil can be loosened down to 30 cm. The specially designed tines work deep in the ground with minimum lateral soil disturbance. There are three different tines in adjustment to the different soil conditions and working speeds (straight, semi-curved and curved). This allows the machine to be run at an operation speed between 10 and 12 km/h.

A fertiliser tube is installed directly in the back of the tine, with an independent depth adjustment, to create a fertiliser band directly under the roots of the plant. Placing the fertiliser under the plants ensures an optimum uptake of the available nutrients by the plants, resulting in higher yields.

The hydraulic non-stop overload system protects the machine from damage. The width and form of the strip can easily be changed by adjusting the side blades. The soil temperature in the raised cultivated area of soil rises quicker than it does in the non-cultivated areas.

The final tools on the Kverneland Kultistrip are the various press wheels - finger wheel, cage wheel and Farmflex wheel - which can be adjusted to the requirements of the individual soil and weather conditions, as well as the season, for example in the autumn or the spring.

Adjustments of the machine can be easily done by any spanner in order to facilitate farmer's life and also to save time.

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services. Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package aimed at the professional farming community, covering the areas of soil preparation, seeding, forage and bale equipment, spreading, spraying and electronic solutions for agricultural tractors and machinery. For more information on Kverneland Group visit www.kvernelandgroup.com

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High Resolution Images can be downloaded here:

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