Güttler SuperMaxx® 1200



A multi-purpose cultivator

SuperMaxx®

A multi-purpose cultivator

- 10 and 12-metre working width
- Extensive ground coverage
- Cost effective fuel consumption
- Low operating costs

GÜTTLER®
Leading in Soil Structure



Seedbed preparation in the spring: accelerated increase in soil temperature - an exceptional seedbed

Allow the soil to aerate after you have worked it. Re-compacting can then be carried out during sowing. The soil will warm up more quickly this way. This is especially important in spring because the germination of the seed sown in spring is heavily dependent on the soil temperature.

Aerated soil can be crumbled and re-compacted with a roller more easily than damp soil. A damp soil would simply be kneaded together by a roller.

Carry out re-compaction before seeding immediately using a Güttler roller. That is why the SuperMaxx® is not equipped with a roller.

Protective re-compaction before sowing


Trailed roller up to 12.40 m wide


Front press up to 6 m for sowing

The aerated soil is effectively re-compacted and crumbled. It is not destroyed, but is broken up in accordance with its natural structure. A stable, crumbling structure, allowing effective gas exchange and increased water retention capacity of the seedbed are achieved. The comprehensive range of rollers from Güttler offers you an alternative that suits your operation and location perfectly.



Stubble breaking in the summer: Twice the area covered – half the fuel consumption

(when compared to a heavy cultivator)

Working over the stubble evenly several times creates the ideal germination bed: during the first pass, the work takes place entirely on the surface. Volunteer cereals and weed seeds are encouraged to germinate. Straw is lightly mixed in, but mainly stays on the surface. This straw covering preserves the precious moisture in the soil. Ideal germination conditions for volunteer cereals and weed seeds!

The second pass penetrates a bit deeper. The entire area is worked to achieve an even surface. Decomposing straw is broken and is effectively incorporated into the soil and levelled.

After the third pass, you will have the ideal, finely-conditioned soil ready for sowing. The straw continues to decompose.

The straw covering retains the precious moisture in the soil





The harrow mixes stubble, straw and soil and creates a cover made up of soil and straw, which prevents the ground from drying out.

A warm and moist environment exists under the top layer of soil. Volunteer cereals and weed seeds germinate quickly, while straw is encouraged to decompose.



Levelling and conditioning of soil promotes rapid straw decomposition and highly-effective, mechanical weed control

Weeds have varying growth and emergence rates and grow in several different waves one after another. Lightly working the soil on multiple occasions encourages the non-germinated seeds to grow.

During the next pass, the weeds that have already risen above the surface are ripped up by the tines. The harrow frees the roots of the weed from the soil and rests them loosely on the surface, so that they dry out and die.

The use of mechanical weed control prevents the emergence of weeds resistant to chemical controls.

A rough, cloddy seedbed and increased fuel consumption are of your own making!





Fewer powerful tines rip large clods from the ground. This, combined with the increased working depth, costs energy. Remember: working 1 cm deeper means that 150 tonnes of soil / Ha (= 7 large truckloads) must be moved! Crumbling and re-compacting the rough clods created in this way requires further energy. That is why we do not recommend working the soil very deeply on the first pass because it results in large clods that are difficult to break down.



Narrow points and closer tine spacing prevent rough clods Reduced tractor power is required and fuel consumption becomes more cost-effective

Traditional cultivators move a lot of soil, due to their coarser tines and the large tine spacing, which takes up a lot of energy. They rip up rough clods from the ground that then have to be crumbled and re-compacted by heavy rollers, which further increases the power required.

The multi-purpose SuperMaxx® cultivator levels the soil and works it into a fine tilth, reducing the traction power required, increasing greater ground coverage and ensuring more effective fuel consumption. A heavy press roller is therefore not required, neither to crumble the soil, nor to re-compact it. Depth guidance is carried out by support wheels.

Extensive ground coverage, highly versatile in use





The SuperMaxx® with a working width of 10 to 12 metres achieves excellent ground coverage on all soils, whether it is in relation to stubble processing, mixing in slurry or seedbed preparation.

A total of 93 robust spring tines with double-leaf springs guarantee intensive soil conditioning to depths between 5 and 15 cm. Thanks to the arrangement and the high clearance of the tines, large amounts of crop residue do not cause blockages in the machine.



“Often only one pass was enough to prepare a perfect seedbed for maize.”

Thanks to the highly-effective distribution of tines on the Güttler SuperMaxx® 1200, weeds do not stand a chance. Due to the 12-metre working width, the ground coverage is also excellent. When it is used in spring, often only one pass is required to prepare a perfect seedbed for maize. The ability of the machine to maintain its operating depth is excellent. Despite the 12-metre working width, the machine performed beyond our expectations. As to the rest, the working depth is simple and easy to set.

The tine arrangement in seven rows provides many advantages, and we never experienced any blockages.

All in all, the SuperMaxx® 1200 cultivator was a fantastic help during the spring season.

János Tálas, Jászladány, Hungary

Technical Information



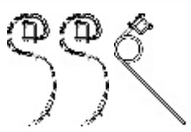
Half-folding the machine reduces the working width to 7.80 m. Depending on the conditions, you can work at full width or only “part width”.

- Tines arranged in 7 rows
  130 mm tine spacing
- 3.00 m transport width
- 45 x 12 mm robust tines strengthened by double-leaf springs retained by M16 bolts
- Single-row harrow, 12 mm Ø tines,
  130 mm tine spacing
- High throughput – 561 mm frame clearance
- Support wheels for depth position as standard
  (4 pack 11.5/80-15.3 10PR +
  2 pack 550/60-22.5 16 PR)

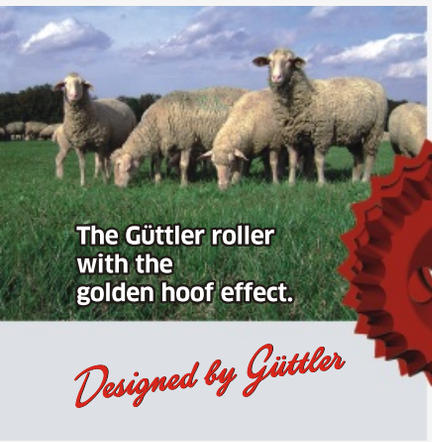
	Working width	Transport width	Power required	Weight
SuperMaxx® 1000 Profi	10,00 m	3,00 m	280 bhp	7 850 kg
SuperMaxx® 1200 Profi	12,00 m	3,00 m	330 bhp	8 270 kg

Tool arrangement



			
One row of FlatSpring for levelling	45 x 12 mm robust spring tines with double-leaf spring – 7 rows arranged with 130 mm tine spacing	Single-row harrow, 12 mm Ø tines, 130 mm tine spacing	Behind the transport wheels: two rows of spring tines and a single-row harrow
Removes unevennesses in soil	Complete processing of the soil to a depth of 5-15 cm	Straw dispersal, levelling and mechanical weed control	Furrow loosening

The best for your soil



Re-compaction and soil structure – our guiding principles

Güttler is the pioneer of re-compaction. When Fritz Güttler developed and patented the prism rings in 1976, the guiding principle was the primary idea of creating the ideal soil structure for a seedbed. The sheep's hoof effect of the Güttler rollers has since become a well-known concept.

We are not just mechanical engineers: you and your crop farming requirements are our primary concern. It is precisely because we understand the needs of crop farming that we are able to manufacture the necessary technical solutions. So why not take advantage of our many decades of experience!

The name Güttler stands for quality that you can count on in machine and crop production!



Avant and Duplex front press

Produces an improved seedbed with fewer passes and less diesel. Less demanding upon the tractor, the device and the soil itself!



Simplex prism roller

The solution when it comes to power harrowing: made from synthetic materials, the Simplex is up to 50% lighter, making it unique in the world! Non-contact scrapers and easy to pull!



Mediana

This medium-weight seed roller from Güttler protects both the tractor and soil. Perfect for root crops, grain, vegetables and oilseed rape, for front and rear!



GreenMaster, The 5-in-1 system for pastureland and cultivation: the first effective device to combat common panicles.
A modular system: a harrow and roller can be used separately or combined.



Matador, the multi-functional device for front and rear, for fields and pastureland, incorporating a strong front sowing roller and a pastureland roller at the rear. Used to combat the European corn borer.



SuperMaxx®

Double the ground coverage and half the fuel consumption. The year-round device for level stubble processing, weed control, mixing in slurry and seedbed preparation.

Images and technical data are provided for information only and are non-binding. Güttler reserves the right to make changes without notice.

Healthy crops – reliable yields!

GÜTTLER®
Leading in Soil Structure

Hmks1914 -> Okt 2019

Güttler GmbH Karl-Arnold-Straße 10 D-73230 Kirchheim/Teck Phone +49 7021 9857-0 Fax +49 7021 9857-20 www.guettler.de