

Super Maxx[®] BIO Edition



Super Maxx[®] 50-7 BIO

The soil protection concept without a roller

- SuperMaxx[®] BIO 5- and 7-row
- Reduces herbicide usage
- Stubble working in summer
- Working through slurry and manure
- All year round seedbed preparation



GÜTTLER[®]
Leading in Soil Structure

SOIL PROTECTION CONCEPT WITHOUT ROLLER



LET YOUR SOIL BREATHE!

Let wet soils air dry

Wet soils are something that we often have to deal with. Whether in early spring on silty soils that struggle to dry out, a lack of frost heaving or during strip tilling in autumn, when the soils no longer dry.

In these cases, it is not a good idea to cultivate and compact the soil again in the same pass.

The soil should first be opened so that the seedbed can air dry. Depth guidance is performed by the support wheels at the front, while the harrow crumbles and levels.

SOIL CONSERVING CULTIVATION

In good conditions, a roller helps to crumble the soil and retain the moisture in the soil.

But, in very wet soils, it is better to first allow the seedbed to air dry to a certain extent. Recompacting occurs during sowing, when the soil has dried, using a GÜTLER front roller. The soil is not „compacted solid“, but rather crumbled to stabilise the soil structure. The result: a stable soil structure, a functioning gas exchange and rapid heating of the soil.

In short: an ideal seedbed!



Dead front ballast - nose-heavy tractor

Soil compaction by the heavily loaded front axle.



With Mediana Prism Roller® 600:

Optimum seedbed, reliable emergence, balanced axle loads.



SUPPORT WHEELS FOR PRECISE DEPTH GUIDANCE

The support wheels determine the working depth.
The tractor top link holds the device level.



RECOMPACTION DURING SOWING

GÜTLER roller in front during sowing

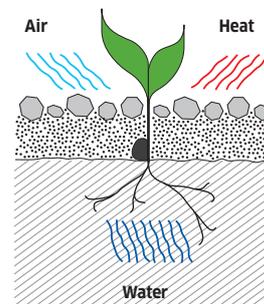
A GÜTLER front unit ensures a perfect seedbed in all conditions. Instead of a dead front ballast: the air-dried soil is levelled, crumbled and recompactd in front of the tractor. The soil breaks along its soil tillage and retains its stable crumbling structure. The tractor barely creates any tracks and the following seeding technology works more effectively and precisely.



Avant or Duplex® front press up to 6 m

These devices ensure that you are well equipped even in autumn.

THE RESULT: AN IDEAL SEEDBED



- Compact below - loose on top
- Perfect seeding
- Optimum erosion protection
- Aquiferous seed depth
- Intact gas exchange
- Quick soil heating



An ideal seedbed: seed placement at a firm, aquiferous seed depth.
Quick and reliable field emergence.

SUPER MAXX® BIO EDITION 7-ROW



STUBBLE WORKING WITH HUGE AREA COVERAGE

Shallow to medium-depth stubble working

The Super Maxx® effortlessly achieves working depths of up to 15 cm, even in hard soils. However, shallow cultivation is better when first working the stubble. This breaks the capillarity, the stubble and straw are mixed in with the soil and form a cover under which a moist greenhouse climate ensures the quick and complete germination of weed seeds and volunteer grain. A second pass 8 days

later removes the growth and mixes the straw in close to the surface so that it can then quickly and completely decompose.

- ✓ Valuable soil moisture is preserved
- ✓ Complete decomposition of the straw, no straw is buried
- ✓ Quick and efficient cultivation with a resulting soil structure that is ideal for sowing.
- ✓ The mechanical weed prevention is a free bonus!



After the second pass: completely worked through, the straw has started decomposing, breaks down and is mixed in close to the surface.



A fine-crumbly, lowered seedbed, the straw has continued to decompose and mix in. An ideal seedbed for catch crops!



Cultivate rapeseed stubble, allow the volunteers to germinate and it can then be mechanically controlled

AN ALTERNATIVE TO CHISEL CULTIVATORS

Double the area coverage

The Super Maxx® 5 m does not need more traction than a conventional 3-metre-wide chisel cultivator. Depending on the soil and the topography, tractors with between 100 and 140 hp are all you need for a 5 metre-wide Super Maxx®. The greater working width and 40% fewer turning manoeuvres double the area coverage!

Half the fuel consumption

The working width and shallow depth means that the device only uses 5 l/ha, which is half the fuel consumption of chisel cultivators.

Save time and money

Even if the Super Maxx® requires one pass more than a chisel cultivator, you save time and money. Let's assume:

- Super Maxx® 5 m / 3 passes
3 x 50% time and 3 x 50% diesel = 150 points
- Chisel cultivator 3 x / 2 passes
2 x 100% time and 2 x 100% diesel = 200 points

The Super Maxx® lets you save 25% of your time and money, and still have a better seedbed!



If you don't create any clods, you don't have to shred and recompact them!



Clods are "home-made". As a result, chisel cultivators need heavy rollers to crumble, level and recompact.

5-ROW - IDEAL FOR LIGHT TRACTORS



SUPER MAXX® BIO 5-ROW

Initial stubble working under favourable conditions

The 5-row Super Maxx® BIO is ideal for initial stubble working on short stubble and short chopped and distributed straw.

If long stubble and high straw quantities are present, a normal chisel cultivator is better for the first pass. The 5-row Super Maxx® easily masters all the following passes. Otherwise, the 7-row Super Maxx® would be the better choice for initial stubble working in adverse conditions.



Light and manoeuvrable: Super Maxx® 50-5 BIO with 100 hp four-cylinder tractor and minimum front ballast!

Light and manoeuvrable

The durable 5-row Super Maxx® BIO only places moderate demands on the tractor's lifting power due to the lack of a roller and is therefore also perfectly suited to light tractors.

With a working width of 5 metres, it can easily be controlled with 100 hp with minimum front ballast, in the field as well as on the road.

This lets you protect the tractor and the soil.



Light tractors and minimum front ballast preserve your soil structure (Super Maxx® BIO 50-5).



PREMIUM STUBBLE WORKING. LOW PRICE.



The John family from Eiken (CH) with Remo, Hans and Mario (from left to right)

Reliable penetration, even in hard soils

The aggressive tines reliably penetrate into dry, hard soils.

The double-leaf suspension makes the tines extremely tough and durable and enables a high-frequency vibration. Their enormous vibration acts like a jackhammer which allows them to penetrate into hard soils and create large amounts of fine soil. The frames are sturdily built in order to meet these high demands.



6 rows of beets harvested in wet conditions. The soil is dried and extremely hard!

We placed great demands on our new soil cultivation machine. Efficient and effective stubble working was just as important as the cultivation of the desired working depth in wet as well as dry conditions.

The GÜTTLER Super Maxx® large spring disc harrow is the ideal machine.

The 5-metre width of the machine is the perfect fit for our 100 hp tractor. The performance is outstanding at up to 3.5 ha/h.

We operate at a working depth of 7 to 15 cm, which can be precisely set by the support wheels on the front of the machine. The tine distribution across the five rows means that the machine never becomes blocked, even during stubble working under our conditions and leaves behind a level and finely crumbled soil structure.

The concept without a rear press has impressed all three of us. No adhesion, a low machine weight and extremely good mechanical weed control. The soil dries really well and retains its structure.

The sowing combination lets us work more quickly and less deeply, which saves costs. And another feature: the narrow transport width (just 2.40 m) and extremely simple and secure parking position of the machine.

The benefits compared to a disc harrow or cultivator? That's easy: the Super Maxx® also works smoothly in wet conditions.

It is ideal for use on slopes because it does not shift any material. It also has greater power with a smaller tractor. And all of this with sensational cost-effectiveness.

PREVENT HERBICIDE RESISTANCES



MECHANICAL WEED CONTROL PREVENTS RESISTANCES

The tines of the GÜTLER Super Maxx® loosen weeds from the soil. The harrow frees the roots from the adhered soil and deposits the plants on the surface of the soil where they dry and die off. The cultivation stimulates further weeds to germinate.

Another pass with the Super Maxx® some time later will also remove these recently germinated weeds

and result in an effective „weed treatment“ with huge area coverage and low fuel consumption (5 l/ha).

- Creates the best germination conditions at low expense
- The mechanical weed control prevents herbicide resistances
- Enables more effective plant protection



The Super Maxx® tines loosen the growth. The harrow deposits the weed on the surface, where it dries.



The harrow frees the root work from the adhering soil.



THE ENTIRE AREA IS COMPLETELY CULTIVATED - EVEN WITHOUT DUCKFOOT SHARES!

15-cm-wide duckfoot shares are naturally available for the Super Maxx®. Anyone fearing smear zones on heavy soils will also be well served by the standard narrow shares. The tough Ø 12 mm harrow tines are positioned in the gaps between the Super Maxx® tines and their depth can be locked, if necessary, so that they run at the same working depth as the Super Maxx® tines. This halves the tine spacing to 6.5 cm and ensures that the entire area is completely cultivated!



Complete cultivation using only the harrow, without duckfoot shares!

PREVENT RESISTANCES



Huge area coverage and moderate fuel consumption enable effective weed treatment by the repeated cultivation at certain intervals.



The amaranth field was stimulated to germinate by cultivation using the Super Maxx® 50-5 BIO and can be mechanically eliminated in the next pass. This prevents herbicide resistances.



Unused area with heavy weed infestation by shepherd's purse. One pass with the Super Maxx® BIO and the weed has died out.



Super Maxx® 60-7 BIO

**ACCESSORIES UPON
REQUEST**

Duckfoot share 150 mm

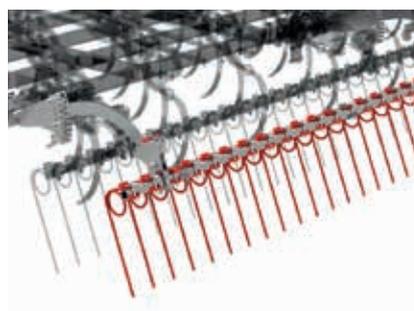
The tine spacing amounts to 130 mm.



Second row harrow (option)

Perfect levelling, even better straw distribution.

Can be retrofitted at any time.



5-ROW
SUPERMAXX® 30-5 / 50-5 / 60-5 BIO

Typ	Working width	Transport width	Weight
Super Maxx® 30-5	3,00 m	3,00 m	790 kg
Super Maxx® 50-5	5,00 m	2,40 m	1.650 kg
Super Maxx® 60-5	6,00 m	2,40 m	1.850 kg

7-ROW
SUPERMAXX® 30-7 / 50-7 / 60-7 BIO

Typ	Working width	Transport width	Weight
Super Maxx® 30-7	3,00 m	3,00 m	840 kg
Super Maxx® 50-7	5,00 m	2,40 m	1.750 kg
Super Maxx® 60-7	6,00 m	2,40 m	1.950 kg

Standard equipment

- Tough spring tines, dim. 45 x 12 with double leaf suspension
- Tine spacing 130 mm
- Levelling harrow, single row
- Tough harrow tines, Ø 12 mm, tine spacing 130 mm, positioned between the gaps of the spring tines, **resulting tine spacing of 65 mm**
- Warning sign with lighting
- Front support wheels 8.50-8 / 6PR for depth guidance



Double leaf suspension: tough and durable with high-frequency vibration

Protective tine cover

To cover the tines during transport on public roads.



The best for your soil. Healthy crops – reliable yields!



Mayor, OffSet®, Master and Magnum Trailed Rollers

Perfect seedbed: Protects against capping and erosion, protects the soil, European corn borer control with huge capacity. Outstanding on pastureland.



Simplex Prism Roller®

The solution for power harrowing: made from synthetic materials, it is almost 50 % lighter – unique worldwide! Non-contact scrapers and easy to pull!



Avant and Duplex Front Press

Produces an improved seedbed with fewer passes and less diesel! Conserves the tractor, device and soil!



GreenMaster, the 5-in-1 system – for pastureland and fields:

The first effective device to combat common panicles! Modular system: a harrow and roller can be used separately or in combination!



Matador Prism Roller®

The multi-functional device for front and rear:

- For fields and pastureland
- Incorporating a heavy front sowing roller
- Pastureland roller at the rear
- Used to combat the European corn borer ...



Mediana Prism Roller®

The medium-weight GÜTTLER seed roller protects both the tractor and the soil. Perfect for turnips, corn, vegetables and rapeseed. For front and rear!

Leading in Soil Structure



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