Mayor 640 | 770 | 820



The All-Season Roller

For arable and grassland



Self-cleaning Prisma Roller
Diameter 45/50 cm

GÜTTLER®
Leading in Soil Structure

The self-cleaning Prismenwalze®

The roller with the golden hoofprint®: 305 prism points per square metre, achieve the same effect as a flock of sheep passing through.

On pastureland, you can achieve denser turf and reliable reseeding, and on fields a perfect soil structure.



No ordinary roller:

The two half rings of different sizes work together in pairs: The smaller half ring sits on the shaft, the other half ring is around 5 cm larger and runs on the hub of the smaller one:

- Both half rings have the same pressure on the soil.
- When rolling, the larger half ring slides upwards by 5 cm.

Our rollers are renowned for their self-cleaning ability, which is achieved thanks to the relative movements of these two half rings.

Success comes in two sizes:

Ø 33/38 cm

Used in the Mediana series, approx. 230 kg/m (as an implement to a tractor's front or rear three-point linkage)

Ø 45/50 cm

Used in the following series:

- Matador – three-point roller for front and rear, approx. 330 kg/m
- OffSet, Mayor, Master, Magnum – trailed rollers with transport wheels and drawbar, approx. 500 to 550 kg/m



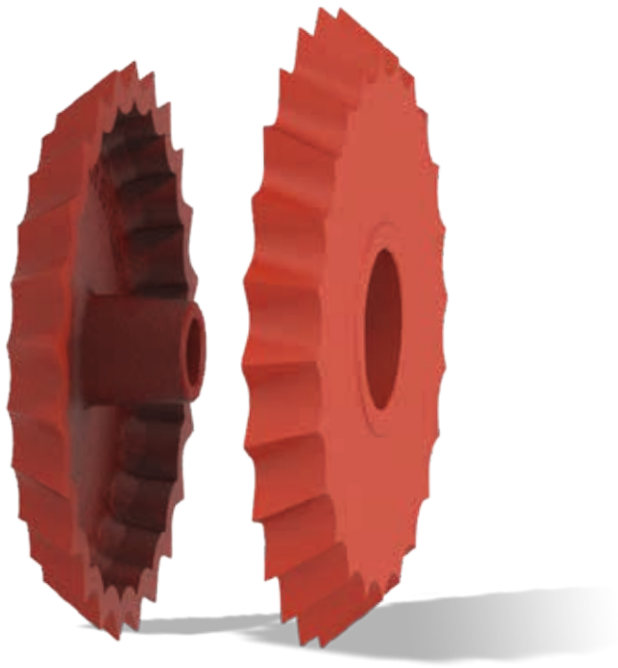
Die Walze mit dem goldenen Huftritt®
Das Original. Seit 1978

Why not design a heavier roller with a bigger diameter?

It's not that we aren't capable of designing rings that are bigger and heavier: However, over 40 years of experience has taught us: that this may not be an ideal solution.

Our soils generally suffer not from a lack of reconsolidation but from excessive compression due to heavy vehicles.

Implements need to be light enough to avoid the risk of literally removing the air from valuable soil.



Ø 45/50 cm

Preserving valuable moisture!

Preserve soil structure with the GÜTTLER® Prismenwalze® Mayor.

- Better water uptake & soil water storage
- More efficient use of rainwater
- Erosion prevention



Not ideal …
soil is pressed smooth, causing a firm surface with a fine structure

Capillary takes water to the surface, meaning valuable moisture evaporates. Rainfall quickly causes a capped surface on the seedbed.

- High risk of erosion
- Crust formation inhibits field emergence



Ideal …
an optimal seedbed

The Prismenwalze® was developed with the intention of creating the ideal seedbed.

- Firm and fine below – connection to water-bearing capillarity, perfect seed embedding
- Obove loose and crumbly – prevents capping and drifting

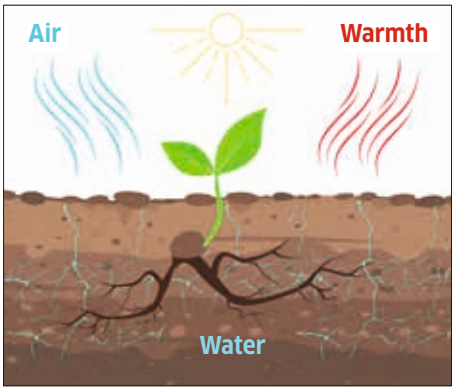
Result: improved field emergence and strong crops!



An optimal seedbed with a stable crumb structure







A stable crumb structure

Winter wheat after sowing - rolled in October.

The seed is placed in a firm, waterbearing seed depth. Improved field emergence, reduced risk of winterkill, vigorous crop growth.

The same crop at the end of February

The crumb structure has broken down slightly due to winter precipitation, but it is still highly visible.

- Intact gas exchange
- Soil warms up rapidly

An optimal seedbed

For an improved and quick field emergence the seed needs three factors:

- Warmth
- Air
- Water

Breaking crusts in crops

If soil is too finely worked and has a high silt content, it tends to form crusts after rainfall. When a seedling first begins to germinate, it often struggles to break through the soil crust.

The roller with the golden hoofprint® is the perfect solution for such situations.

Drive slowly, at no more than 6 km/h.

Your advantages in the field

- ✓ Better gas exchange
- ✓ Better soil infiltration
- ✓ Stimulates tillering of seedlings
- ✓ Improving the efficiency of mechanical weed control



Gas exchange is started, and rainfall can soak in.



Poor plant development.



Breaking crusts

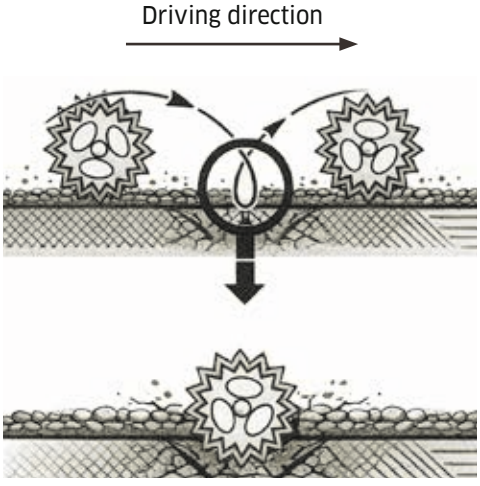
Significant crust formation, a lack of gas exchange, soil that warms up slowly!

These conditions pose a real challenge for seedlings.

The prism points cannot pull the seeds out of the soil.

The trajectory of the prism points in the soil:

1. The prism points enter the soil vertically
2. A small horizontal movement backwards allows GÜTTLER® rollers to perform their famous selection process: Fine soil trickles downwards and coarse crumbs rise upwards, just like a harrow tine. In the past, it was common to break crusts using the hoofprints of sheeps.
3. The prism points are removed vertically from the soil.



Created with ChatGPT (OpenAI, AI-generated illustration)

Rolling winter-damaged seeds and stimulating tillering.

Leaf and node damage strongly stimulates tillering

When soil deep freezes, roots lose their connection to the capillary action, meaning they cannot obtain water.
The crops do not freeze – instead, they die of thirst.
Rolling in early spring achieves the following results:

- Roots are reconnected to the soil water.
- Tillering is stimulated and crop density is restored.
- Crusts are broken – which is important for optimal mechanical weed control.

Gas is exchanged, the soil warms up quickly and valuable soil moisture is preserved. The crops rapidly come to life.





Rolling seeds

Press on strongly frozen winter seeds to restore the soil contact.

Breaking up crusts and maintaining soil moisture.

Leaf- and node damages strongly stimulates tillering.

What to keep into consideration?

Firstly, we need to wait for the right weather.
The soil should not feel sticky between your fingers when you knead it. The roller must only be used after a period of 2–3 days without any frost. At the time of rolling, warm growing conditions should prevail during the day.
After rolling, there should be no night frosts for about two weeks.

Thanks to the way the roller rings are aligned, there is no friction with the GÜTTLER® Prismenwalze®, even when it is turned on the spot.

This helps to prevent damage to the headland caused by friction.





The roller with the golden hoofprint®
The Original. Since 1978

Rolling instead of plant growth regulator

The cultivation of climate resilient, high-quality plants with consistent yields is more important than ever.

Rolling cereals is an effective measure that brings us closer to reducing the use of plant protection products.



Quality standard

Breweries are increasingly demanding higher-quality, sustainable malting barley. A key aspect of this is the reduction in the use of plant protection products.

Our focus is on promoting dense and healthy plant growth without any loss of yield.

Strong crops, higher yields

Rolling on spring barley during jointing up to EC stage 32.

- More shoots: on average, one extra shoot per plant.
- Stronger roots:
  up to 10 –15 cm depth, higher root density.
- More uniform crops: more uniform flowering and a consistent protein profile.





GÜTTLER® Mayor – for growth regulating in winter wheat.

- Increased vitality: greater resilience to stress, such as heavy rainfall.
- Gentle rolling technology: Prismenwalze® with rings means fewer damage as a smooth roller.
- Stimulates lateral growth: Selective pressure on the roots and lower part of the crop encourages lateral growth in the plant.

Climate resilient. High-quality. Effective.

The Prismenwalze® is an effective tool for maintaining high-quality plants with consistent yields and climate resilience, as an alternative to or addition to growth regulators.

More cost-efficient and sustainable than chemical alternatives.





Combatting corn borers

One of the most economically pests in maize cultivation and leads to significant yield losses and loss of quality.

Mechanical control of corn borer larvae is one of the most important measures for ensuring a successful harvest.



The active principle is quite simple:

Mechanical control of corn borer larvae is one of the most important measures for ensuring a successful harvest.

Another important benefit of maize stubble cultivation is improved soil health. This reduces the risk of subsequent crops, such as wheat or maize, becoming infected with harmful fungi or viruses.

The prism points drive the maize stubble into the hard soil.

In this case, it is essential that any front implement that works the soil, such as harrows, tines, cutting rollers or similar, is deactivated.

If the soil is worked before reaching the prism points, and flat, the maize stubble can „dive“ underneath the roller.





Striking, crushing or breaking maize stubble makes it rot faster, meaning corn borers cannot survive the winter.

Scarifying rapeseed stubble

To ensure effective preventive plant protection, it is important to allow as much of the volunteer rapeseed as possible to germinate after threshing.

This is why we recommend scarifying the rapeseed stubble so that it is completely flat at first, this causes the rubber pods to burst and failed rapeseed passes through the chaff to land safely on the ground.

The prism profile presses the volunteer rapeseed into the top layer of chaff, ensuring good soil contact and, at the same time, shreds the rapeseed stalks. This microclimate provides optimal conditions for germination.
So it can be eliminated during subsequent stubble processing.





Catch crop management

Your tool for soil protection, nutrient retention, weed control, and sustainable soil fertility.





Successful sowing

For a dense and even crop, a minimum of four plant species should be sown.
Careful sowing ensures lush growth even in dry conditions.
Rolling with the GÜTTLER® Prismenwalze® ensures an even soil moisture and encourages the emergence of catch crops. Legumes fix nitrogen, which is then readily available to the subsequent crop.

Rerolling catch crops

It is essential to avoid lignifying the stalks of catch crops after they have flowered, so the crops are rerolled and bent. This interrupts the paths in the stems without excessively crushing the plants, which in turn provides good erosion protection for the winter. The plant material provides a long-term source of food for earthworms, while the infiltration capacity of the soil is also significantly increased.





Catch crop management at frost.

Rolling at frost

During freezing and thawing the area should be rolled twice every 2–3 weeks. Frost helps split and crush stems more effectively. This provides effective ground cover, which helps prevent erosion.
This also causes the ‘glyphosate effect’.
The prism points damage the cell walls, which causes the cell liquid to freeze in frosty conditions, resulting in the death of the plant.

Protect & nourish the soil

Catch crops provide soil cover and shade, stimulate root growth, activate soil organisms, regulate the balance of air and water, increase humus formation and soil fertility.

The water and nutrients that the plants consume while growing are returned to the soil when they rot, making them available to the next main crop.





The golden hoofprint in pastureland maintenance.

Already our great-grandfathers knew the effects of animal hooves on pastures:

- Strongly stimulates grass tillering
- Provides soil contact to ensure successful reseeding

The prism points of GÜTTLER® rollers replicate the effect of animal hooves on pastureland and fields.



Rolling winter-damaged turf

Repeated freezing and thawing causes grass to deep freeze, meaning the roots lose their connection to the capillary action in the soil and the grass dies due to a lack of water.

305 prism points per square metre apply pressure in 'just the right place' and reliably restores the contact between the turf and the soil.

Stimulating tillering

The Prismenwalze® strongly stimulates tillering.

This has the following effects:

- Denser turf = higher yields
- A strongly developed root
- = robust turf and reduced feed contamination
- = the grass is better able to reach water in dry conditions

Soil contact for reseeding

To ensure good germination when reseeding, simply working the seeds into the soil with a harrow is not enough.

The Prismenwalze® firmly and securely presses down every seed, resulting in even growth and strong, healthy pasture.

Use of rollers and harrows in the spring

Rollers and harrows only deliver the best results if the ground is not too moist. If the soil feels sticky and clumpy between your fingers, it is best to leave the roller at home. Otherwise there is a risk of soil compaction, which restricts gas exchange.

In such cases, it is better to firstly use only the harrow, until the soil has been dried.



Important especially on pastureland: All the prism rings are arranged aligned, meaning no friction damage during tight turns.

GÜTTLER® GreenMaster 600 | 750 | 800

The ideal addition.

The Mayor can be coupled to a GreenMaster whenever professional pastureland maintenance is required: allowing soil to be levelled, aerated, scarified, reseeded and pressed in a single process.

Whether combined or solo, this is the perfect pastureland solution for all applications.



Seedbed preparation after ploughing or cultivation work:
Seedbed preparation for sugar beet, maize and other crops from winter furrow.

Prepare for seeding rapeseed or winter barley in a ploughed field:
As soon as the ploughed soil dries up, prepare the field with the powerful GreenMaster combination for sowing.

- ✓ Preserves valuable moisture
- ✓ Using the GÜTTLER® Prismenwalze® for reconsolidation ensures ideal conditions for uniform crop emergence
- ✓ Weeds are encouraged to sprout
- ✓ High area performance



GreenMaster for easy seeedbed preparation

For professional pasture management, use a GreenMaster alongside your Mayor Prismenwalze®.

Cultivate catch crops with success

A huge impact - at a moderate price.
The catch crop is dosed precisely by the pneumatic seeder and distributed widely into the bar. The robust tine bars work the seeds in flat, while the Prismenwalze® ensures good soil contact and reliable field emergence.

The stable crumb structure is resistant to capping and erosion.

Reliably germinate failed rapeseed

GreenMaster scarifies the stubble and combs through the chaff. This causes the failed rapeseed to land directly on the ground under the chaff and the rubber pods to burst. The Prismenwalze®also facilitates this process. Mulch cover causes a mini greenhouse effect, which causes failed rapeseed to quickly germinate and grow so it can be completely eliminated during subsequent flat stubble processing.



Successful cultivation of catch crops



Scarifying rapeseed stubble – getting volunteer rapeseed to germinate

The 12 months Prismenwalze®

The reliable all-season roller for agriculture and pasture.

What characterises all GÜTTLER®– rollers!

- Unsurpassed self-cleaning
- Monoeuvrable like no other:
  - > No scraping damage during tight turns
  - > Any time lifting with the transport wheels
- Optional with levelling bar
- Combinable with GreenMaster



January
- ✓ Rolling catch crops
  > CAP-compliant catch crop management

February
- ✓ Rolling winter seeds and stimulate tillering

March
- ✓ Pasture maintenance with GreenMaster & Prismenwalze® Mayor

April
- ✓ Stimulate tillering
- ✓ Pressing on frozen roots – soil contact
- ✓ Golden foofprint
- ✓ Pressing on grass seeds

May
- ✓ Seedbed prepartion
- ✓ Rolling seeds

June
- ✓ Pasture remediation with seeding

July
- ✓ Rapeseed stubble processing
- ✓ Encourage volunteer rapeseed to sprout

August
- ✓ Catch crop sowing with GreenMaster + Prismenwalze® Mayor

September
- ✓ Pasture maintenance and seeding with GreenMaster & Prismenwalze® Mayor

October
- ✓ Pasture maintenance with GreenMaster + Prismenwalze® Mayor
- ✓ Combating the corn borers
- ✓ Preparing seedbeds
- ✓ Rolling the seeds

November
- ✓ Combating the corn borers

Dezember
- ✓ Rolling catch crops
  >CAP-compliant catch crop management


January


February


March


April


May


June


July


August


September


October


November


December

Techninology that pays off.



Levelling bar

- Levels molehills on pastureland
- Breaks maize stubble to combat corn borers
- Turns catch crops

Parallelogram-shaped guide adapts to the soil



Adapting to soil conditions

The folding joints allow the side sections to pivot up or down. Hydraulic pressure compensation distributes the weight of the frame and transport wheels proportionally to the side sections.

Reversing using the transport wheels

Even in confined spaces, moving backwards is easy. The roller can be instantly lifted using the transport wheels.



A cutting-edge concept

The first generation Mayor has proven itself time and time again since 2005. We've taken this solid basis and given it a facelift to keep it at the cutting-edge for a long time.

EU type approval

The Mayor Prismenenwalze® is supplied with a type approval in accordance with EU law. Based on this, the relevant authorities will grant an operating permit for 40 km/h.

40

Technical data

Sales support – always nearby.

The full range of GÜTTLER® products is available across Europe through a network of authorised agricultural machinery dealers.

For a personalised consultation, please contact your designated sales representative in Germany or Europe, or our global sales team.

We are pleased to advise you and, if you wish, put you in touch with a sales partner in your area.



The roller with the golden hoofprint®
The Original. Since 1978

The best choice for your soil. Strong crops means better yields!



Trailed rollers Mayor, OffSet®, Master and Magnum
Top seedbed

- Soil-friendly protection against capping and erosion
- Combats corn borers with huge impact
- Excellent on pastureland



Simplex Prismenwalze®
The optimal solution for power harrows

- Made from synthetic material to reduce weight by almost 50%
- Unique worldwide



Front presses Avant and DUPLEX®
Actively working - instead of dead front ballast

- Improve the seedbed in fewer passes and using less diesel
- Less demanding on the tractor, the implement and the soil



Super Maxx® BIO
Process double the area using half the fuel

- Suitable for flat stubble processing all year round
- Prevents herbicide resistance
- For weed control
- Applies slurry



Matador Prismenwalze®
The all-rounder for front and rear use

- For fields and pastureland
- Heavy seed roller at the front
- Pastureland roller at the rear
- Combats corn borers



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

- Effective for dealing with meadow gras
- Modular system:
  The harrow and roller can be used separately

GÜTTLER®
Leading in Soil Structure

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