GÜTTLER® Front presses



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

Avant & DUPLEX®

Actively working instead of dead front ballast.

GÜTTLER®
Leading in Soil Structure

The right front press for every field.



Our front presses are an effective way of cultivating soil, actively working instead of using dead front ballast. No steering hitch is necessary.

It is unbeatable on both light and heavy soils. They protect structures, create ideal sowing conditions, save costs and working processes.

Front presses – intelligent weight compensation.

„Agriculture does not need more horsepower – it needs more brainpower.“ This is especially the case when using front weights. Front presses are often a smarter alternative. They ensure that the axle loads are balanced, preventing the front axle of the tractor from becoming overloaded. And work actively for you at the same time.

The front of the tractor becomes too heavy because of the front weights – with consequences:

This causes it to sink deeper at the front.
This may sound harmless at first, but it is anything but efficient. Just 1 cm more track depth means:
10 % more fuel consumption. In addition, the power harrow has to move up to approx. 150 tonnes more soil per hectare, which is equivalent to six full lorry loads. An inexpensive alternative to front presses? Not really.

Front presses are, in many respects, the more favourable alternative. The tractors track only minimally and rolls more easily. Power harrows can be used in a flatter manner. And soil that has already been crumbled and reconsolidated in front does not need to be laboriously worked at the rear with the power harrow.
A good front press can therefore significantly increase speed and area performance. It also saves one working process.

Front presses - for coping even difficult soil conditions.

Front presses are ideal for heavy soils and perfect for light soils, as they ensure an excellent crumbling and reconsolidation. For example, in spring on winter killed furrows.
Levelling with flat-adjusted tines means that damp soil is not brought to the surface. And because the tractor only tracks minimally, the power harrow can be driven very flat. The soil contact in front of the sowing coulter ensures flat en even seed placement.

Important in late autumn: The fewer passes over damp soils, the better. Front presses complete the cultivation process in a single pass after ploughing or deep soil loosening.
This creates a better seedbed with minimal effort. When combined with tined units, it provides a large passage for straw and plant residue. It can even be used for reseeding in very dry soil.

No track damage is caused on pre-levelled, solid soil surfaces. The smooth running of the tractor is also easier on your back.
Conclusion: Active front weights protect the soil, the tractor and the driver.



Save money while driving.

Increase the efficiency in the field with the GÜTTLER® front press – reduce the diesel consumption, minimise wear and tear, and maximise performance.

Many farmers are concerned that a front press would be too heavy for the front axle. However, the opposite is true: it ensures balanced weight distribution, relieves the rear axle, and improves traction.

Your advantage

- The front press ensures even weigth distribution.
- The tractor only tracks minimally, rolls more easily – this reduces rolling resistance.
- The power harrow can be adjusted more flately, this means: 1 cm less depth saves approx. 10% fuel.
  An extra 1 cm of working depth means that the power harrow has to move approximately 150 tonnes more soil per hectare.

1 This wastes energy and damages the soil.

2 With front weight: deep tracks. In order to level the soil, the power harrow must work very deeply. This loosens the seedbed unnecessarily deeply.
This means: Energy is wasted and the flat placement of the seed becomes unnecessarily difficult.





Saving work, time and money – while protecting people and equipment.

This is particularly beneficial when working with damp soils, such as when cultivating in late autumn. Just one pass is needed, with no additional passes required. This saves time, fuel and resources.

Your advantage

- In late autumn is cultivation with only one pass possible.
- The tractor drives on pre-levelled, solid soil surfaces – providing a smoother ride for the driver.
- Trailing implements are protected – less wear and tear, longer service life.
- No need for a more powerful tractor – the front device optimises axle loads.
- More speed with the same performance = higher area performance per hour.

Reconsolidation and soil structure – the guiding principle of GÜTTLER® for over 40 years! See for yourself!

We are pleased to advise you: ☎ +49 7021 9857 0







1 The soil is already levelled, crumbled an reconsolidated in front of the tractor.

2 The tractor rolls more easily on a flat surface and tracks less deep. The power harrow can work more flatly.

3 The result is a better seedbed with less work.

Good processing of plant residues.



With tined unit in plant residues

The 3-row tined unit has a frame height of 460 mm and offers a large passage for straw and plant residues. Blockages may occur if large quantities of straw are worked into the soil and then processed with the tined unit immediately afterwards.

The tines are not needed, as the soil has recently been cultivated and is usually levelled afterwards.
In this case, the tines are adjusted very flat or the entire tined unit is dismantled.

If the cultivated field has been left for eight days, the firm soil will provide sufficient resistance for the tines to vibrate off the straw. It has already started to rot and is brittle.

The vertical tines barely bring any straw or stones to the surface.

No steering hitch necessary

With narrow cutting edges that run straight ahead, press rings are stubbornly like railway wheels on tracks. Therefore, steering hitches are indispensable.

A steering hitch is not required because Güttler® prism rings do not have ‘railway-like’ guidance behaviour.

Without a steering hitch, we have the following advantages: Nothing can break or wear down. No nervous sideways movements, and smooth running even at high speeds. This is important for automatic steering systems.

More than a perfect front press – unsurpassed versatile

Modular device-configuration: The modular system is slightly more expensive to manufacture, but it offers much greater flexibility for the customer.

GÜTTLER® Avant





FlatSpring
Robust, strongly adjustable, ideal for levelling.





Tined unit
Precisely adjustable, flexible, ideal for superficial weed control and crumbling the seedbed.



Little things that matter

Tined unit

- Solid 'ladder frame' made of hollow profiles 80 x 50 mm
- 3-rows for a large passage and high stability
- Sturdy side plates as standard

Strong tines with a cross-section of 45 x 12 mm

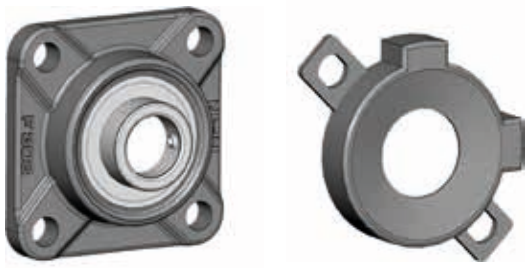
- Sturdy and long-lasting
- The under-frame clearance is 460 mm
- Steep tines pick up little straw and stones



Tined unit

Dust cap for the bearings

- Double-sealed ball bearings are used
- The bearings in front-mounted implements may become extremely dirty in certain circumstances
- For this reason, an additional dust cap is fitted to all bearings.



Dust cap

Side plates

- The side plates on the roller frames of the DUPLEX® are reinforced and double-walled
- This results in parts that are extremely torsion-resistant and stable



Side plate



FlatSpring

The FlatSpring is particularly efficient on shallow soils, as it does not need to penetrate deep into the soil.
It is hydraulically adjustable and ensures optimum working conditions at all times.



FlatSpring

45 ø cm rings

The 45 ø cm rings are axially tensioned onto the spring steel shafts, ensuring they remain free of play for a long time. If repairs are necessary, they can be retensioned at any local workshop without the need for special tools.

56 ø cm rings

The break-proof, special cast iron rings are securely clamped onto the 140 x 140 axle using four screws. If a ring does break, it can be replaced in no time at all without having to dismantle the roller.



45 ø cm rings



56 ø cm rings

The type of construction and diameter you require depends on your soil conditions and what you expect from a front press.

We are pleased to advise you: ☎ +49 7021 9857 0

Avant

Convincing all-rounders even on wet, cohesive soils:
Avant series of front presses are modular, all-season implements.





Avant 45
2.50 – 3.00 m rigid

As standard, complete with Simplex rollers made from robust special cast iron, tined unit and side plates.
This series is developed for medium to heavy, crumbly soils.

- Front device with Simplex Prismenwalze® (prism roller)
- Optional: tined unit or FlatSpring for levelling
- Diameter 45 cm (speed power harrow)
- Stone and break-proof cast iron
- Robust tined-unit, 3-rows, for large passage
- Optional: with double blade strengthened tines for very heavy soils, road lighting kit (LED)



Avant 56

2.50 – 4.00 m rigid
4.10 – 7.20 m hydraulic folding

For heavy tranctors and high speed:
The Avant 56 is designed for soils that are light and sandy, heavy and crumbly.

- Front device with Simplex Prismenwalze®
- Diameter 56 cm (high working speed)
- Stone and break-proof cast iron, for large working widths also in synthetik ultra
- Robust tined-unit, 3-rows, for large passage
- Hydraulic folding (420 – 610)
- Optional: tined unit (not for folded Avant) or FlatSpring for levelling
- Optional: with double blade strengthened tines for very heavy soils, road lighting kit (LED)



GÜTTLER® Avant



Avant 56 foldable also in synthetik ultra

On request, available as a Prismenwalze® in synthetic ultra. This series has been developed to reduce weight for large working widths at the front.

- Diameter 56 cm
- Good self-cleaning
- Durable and lightweight
- Optional: tined unit or FlatSpring for levelling
- Optional: road lighting kit (LED)



The Avant is not only important on heavy soils for crumbling, but also extremely important on light soils for reconsolidation.

Avant - application fields

Front presses level, crumble and reconsolidate with fewer working passes, such as a re-rolling.
With little effort and less tractor power they prepare a better seedbed - in spring and autumn. With an excellent pre-levelled, crumbly and pre-consolidated soil structure.

Technical data Avant

DUPLEX®

The DUPLEX® Prismenwalze® works its way through wet, heavy and extremely heavy soils with poor crumbling. Powerful, persistently and extremely robust.





DUPLEX® 45
2.50 – 4.00 m rigid, 4.10 – 6.0 m hydraulic folding

The massive Prismenwalze® for medium to heavy and crumbly soils.

- Front press with DUPLEX® Prismenwalze®
- Optional: tined unit or FlatSpring for levelling
- Diameter Ø 45 cm
- Breakproof in special cast iron
- Extremely robust construction
- Optionally for front or rear linkage
- Modularity – can be retrofitted at any time: tined unit for cloddy soils, FlatSpring for light soils, three point headstock for rear linkage



DUPLEX® 56
2.50 – 4.00 m rigid, 4.10 – 6.0 m hydraulic folding

It is designed for heavy tractors and high speeds. For light, sandy to extremly heavy soils.

- Front press with DUPLEX® Prismenwalze®
- Diameter Ø 56 cm
- Breakproof in special cast iron
- Extremely robust construction
- Optionally for front or rear linkage
- Modularity – can be retrofitted at any time: tined unit for cloddy soils, FlatSpring for light soils, three point headstock for rear linkage
- Optional: tined unit (not for folded DUPLEX®) or FlatSpring for levelling







The "buster" for cloddy soils

DUPLEX® 45 and 56 foldable

Hydraulic folding – this way, even large working widths are transported safely and parked space-saving.

- Optional: tined unit or FlatSpring for levelling
- Optional: with double blade strengthened tines for very heavy soils, road lighting kit (LED)

DUPLEX® - application fields

The aggressive and flexible front press can be used throughout the year. For sowing summer cereal, beets, maize or vegetables in spring. For rapeseed or winter crop in autumn.

Some types with tines can also be mounted at the rear for seedbed preparation. The tined units are quickly removable. The roller can be used solo, both in front and at the rear, to roll cereals, after sowing, on pastureland, etc.

Technical data DUPLEX®

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.

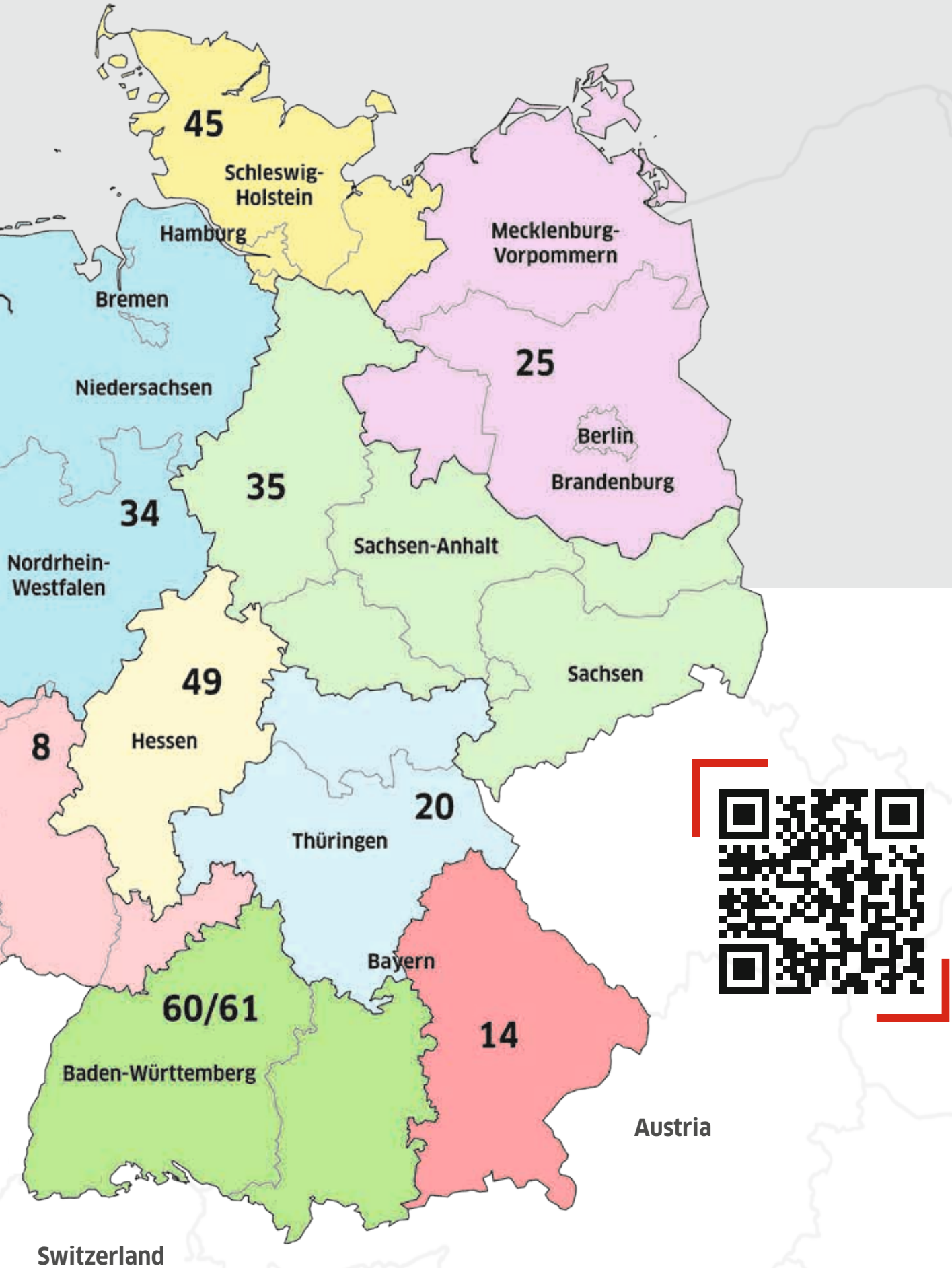
We are pleased to advise you and, if you wish, put you in touch with a sales partner in your area.





The roller with the golden hoofprint®

The Original. Since 1978


45
Schleswig-
Holstein
Hamburg
Bremen
Niedersachsen
Mecklenburg-
Vorpommern
25
Berlin
Brandenburg
35
34
Sachsen-Anhalt
Nordrhein-
Westfalen
49
Hessen
Sachsen
8
20
Thüringen
Bayern
60/61
Baden-Württemberg
14
Austria
Switzerland

The best choice for your soil. Strong crops – reliable yields emergence!



Mayor, OffSet®, Master and Magnum trailed rollers Perfect seedbed

- Soil-friendly protection against capping and erosion
- For combating corn borers with huge performance
- Excellent on pasture



Simplex Prismenwalze®
The solution for power harrows

- The synthetic material is almost 50 % lighter
- Unique worldwide
- Contact-free scraper system
- Easy to pull



GreenMaster, the 5-in-1-system
for pasture and arable farming

- Effective control of meadow grass
- Modular system:
  The harrow and the roller can be used separately or in combination



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

- For flat stubble cultivation all year round
- Preventing herbicide resistance
- Weed control
- Incorporating slurry



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

- For arable farming and pasture
- Heavy front seed roller
- Roller at the rear for pasture
- combating corn borers



Mediana Prismenwalze®
The medium-weight GÜTTLER® seed roller protects the tractor and the soil

- Ideal for beets, maize, vegetables and rape
- For front and rear linkage

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GÜTTLER®
Leading in Soil Structure

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