

The pioneer in modern harrowing and cultivation



Why a TREFFLER?

Effective weed control

TREFFLER TS precision tine harrow

- Eliminates weeds in the germination and cotyledon stage by precisely covering and pulling them out - blind harrowing, indispensable mechanical weed control within the crop row

TREFFLER TH precision hoe

- Eliminates weeds, between the plant rows by cutting them and within the rows by covering them

Root weed control

TREFFLER TG (A) precision cultivators

- Full area cutting of roots, shallow tillage

TREFFLER TF precision spring-tooth-cultivator

- Unearths plants
- Controls sprouted weeds

Termination of grass-clover

TREFFLER TF precision spring-tooth-cultivator

TREFFLER TG (A) precision cultivators

- In the first pass, the TREFFLER TF breaks the grass-clover into strokes
- Perfect combination with a Treffler TGA front mounted or TG cultivator which cuts the plants at a shallow depth from the root and prevent water supply from the root as well as regrowth
- A second pass with the Treffler TF separates the plants from the soil and lays them out to dry

Efficient stubble cultivation

TREFFLER TG(A) precision cultivators

- Full area cutting of root spreading weeds
- Very shallow work from 2 to 5 cm, (1-2") prevents digging and subsequent re-emergence of weed seeds in the crop
- The weeds sprout and are controlled in a subsequent pass

TREFFLER TF precision spring-tooth-cultivator

- Brings the roots to the surface for drying
- Destroys new germinating weeds

Always precise – always TREFFLER

Our solution for direct weed control

TREFFLER TS precision tine harrow

Each tine, regardless of the height and individually, adapt to the contour of the field and maintain equal downward pressure - especially effective in uneven terrain, beds and ridges

- Each tine has a bearing on the frame and is individually preloaded with a patented spring
- The preset tine pressure remains constant - making it possible to harrow very gently or more aggressive

Flexible and easy adjustment of the tine pressure

- Tine pressure adjustable from 100 g to 5000 g, (0,25-11 lbs) depending on the stage of the crop. Also available with 7000 g, (15 lbs)
- Largest tine-pressure setting-range on the market
- Optimal and easy hydraulic tine-pressure adjustment from on-board your tractor

Blind harrowing for mechanical weed control in the crop rows

- Laterally stable tines due to wide bearing, do not deviate
- Close tine spacing, 2,7 mm (1")
- Precise weed control in the first crop stages, including transplants

Gentle harrowing of plants in all stages - no jams

- Easy pass of residue, no build up

Light and stable frame construction - proven world-wide, Treffler stays tough!

When to use:

- False seed bed
- Blind harrowing in the pre-emergence stage
- In all stands from emergence to full maturity, full clearance harrowing
- Ideal for emerging crops and transplants
 - Corn from the two-leaf stage
 - Sugar beets from the two-leaf stage
 - Soya, potatoes; peas; cereals; grassland, etc.

TREFFLER TH precision hoe

Affordable and reliable steering control of the hoe

- Furrows created during sowing guide the way

Treffler spring tines

- Optimum depth control – tines adapt to uneven ground
- Tines do not deviate sideways

Options: crop protection plates, torsion weeders

Fields of application

- Hoeing in the pre-emergence stage ("blind chopping") possible
- Hoeing in very tall stands
- For soya and corn, very popular

Our solution for termination of grass-clover, cover crops and root weeds

TREFFLER TG(A) precision cultivator / precision 3-point cultivator

Maintains a precise working depth from 2 cm (1")

- Each tine has a bearing and is preloaded with a spring package (patented)
- Pendulum or tandem support wheels ensure perfect depth control

Full area cutting

- Goosefeet sweeps overlap 8 cm (3")
- Tines do not deviate, always a flat cut

With a Treffler cultivator less HP is needed

- 3 ½ -beam design of the 3-point variant - no side pull
- The Treffler engineering guarantees the 100% shallow cut

Full clearance and optimal work height

Fields of application

- Root weed control
- Tilling cover crops
- Stubble cultivation
- Save (soil) water

TREFFLER TF precision spring-tooth-cultivator

Precise maintenance of the working depth

- Each patented tine adapts to uneven ground
- Single support wheels or pendulum support wheels ensure perfect depth control

Full surface and uniform work

- Close tine spacing of 9.7 cm (4")
- No lateral movement of the tines

Blockage-free

- 6-beam frame
- Frame passage of 70 cm (28")

Packer, levellers and 3 row harrows are optional

Fields of application

- Root weed control
- Termination of cover crops and grass-clover
- Stubble cultivation
- Save (soil) water



TS Precision tine harrow



TH Precision hoe



TGA Precision 3-point cultivator



TF Precision spring-tooth-cultivator



TKS Combined sowing machine



TSW Cutting roller

Our solutions for sowing mixtures of catch crop or main crops

TREFFLER TKS combined sowing machine with two seed tanks, each with individual dosage unit

Precise depositing depth of the batch mix

- Large grain seeds are deposited on tine coulters up to 10cm deep (4")
- Small grain seeds are spread flat on double disc coulters from 0,5 cm (0,2")

Precise distribution of the batch mixes over the entire area

- No separation of large- and small-grained seeds
- Optimum individual dosage of both the batch mixes

Our solution for managing crop residues and catch crops

TREFFLER TSW cutting roller with 3 roller cutters

High area output

Management of crop residues and catch crops

Fields of application

- Cutting catch crops
- Stubble management after corn, rape, etc.



20 years of innovative and sustainable technology for mechanical weed control in (no-till) organic farming from a Bavarian family company. Why TREFFLER? Now you know why!

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