



# Harrows for all farmers great and small

Mechanical weed control for all size farms,  
in all crops and at all stages



## How does the Treffler harrow work?

The harrow works by disturbing the weeds, uprooting them or covering them with soil.

With a spacing of 2.8 cm (1") and minimal deviation, the entire surface is evenly harrowed.

On top of a ridge or in an uneven patch, the tines follow the contour, and the downward tine pressure remains the same.

In addition, the tine pressure can be infinitely adjusted from 100-5000g (0,25-11 lbs) depending on the size and strength of your crop: harrow gently in the early emergence stage of your crops, harrow aggressively when your crop is better rooted.



## Why manage weeds with the Treffler harrow?

Timing is very important for managing weeds.

The success of harrowing is the highest when you start early. The weeds have less chance to grow and compete with your crop. Treffler gives you the widest tine pressure range on the market. When you can combat the white thread-like weeds early-on, you will see greater affect in your weed management. That way you stay ahead of the weeds.

## Which crops can be harrowed?

Do you grow beets, lettuce, spinach, onions, garlic, leeks, tomatoes, fennel, soybeans, strawberries, melon, corn, carrots, pumpkins, potatoes or any other crop?

With Treffler harrows you can manage your weeds effectively in the row and get more yields from all your crops.



## These features make our harrows unique

- \* *Tines adjust to the uneven ground*
- \* *Even tine pressure*
- \* *Uniquely large tine pressure range from 100-5000g (3.5 oz – 11 lb.)*
- \* *Stable tines*
- \* *Self-sharpening carbide tines*
- \* *Full coverage especially beneficial in the crop rows*
- \* *Hydraulic adjustment of the tine pressure*
- \* *Optimal weight, stable, tried-and-tested since 2004*



## Treffler TS vs TT

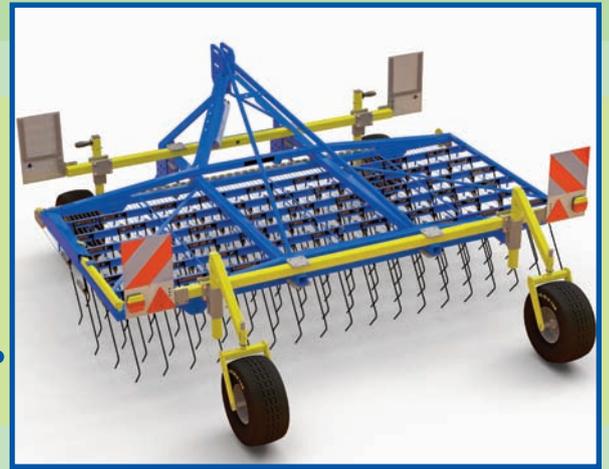
Keep in mind we have two types of machines to choose from, the TS Series (TS) and the TINY Treffler (TT). The machine that best suits your farm depends on the size of your farm, the workload, and the soil type. TS harrows are tractor driven machines only, whereas the TT harrows are hand driven with an optional 3-point hitch.

### TS

The TS Series begins as small as 130 cm (4'3") and you can custom fit your kit to your farm. The TS has some unique features that the TINY Treffler series does not have. Although they can both be tractor mounted, the TS is sturdier with more durable features. If you plan on only working with the machine attached to a tractor, then you are better off with a TS. This machine will serve you for life!

### TS Custom Fit your Kit

You can get the TS completely outfitted with all the outstanding Treffler features: hard metal tines, combi spring and 120-degree tines for gentle harrowing. Hydraulics make it easy to adjust the tension while driving so there is no need to get off the tractor to adjust the tine pressure by hand. Rear wheels are available for even more precision and you can add safety lights and warning shields to make your machine safe when doing road work. More than 30 models to choose from, widths and models with specifications can be found in our TS folder on our website.



### TT

The TINY Treffler was developed with the same advantages as the Big Treffler harrows. This smaller machine is especially useful in greenhouses, tunnels or for small enterprises in vegetable production or seed propagation. The machine is all-round lighter and considerably less expensive than the TS.

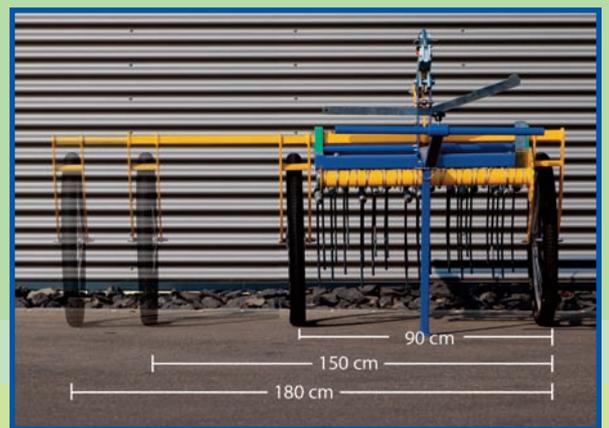
Did you know that the TINY Treffler comes in three working widths?

Working width : TT80cm (2'7") \*,  
TT100 (3'4") and TT130 (4'3")

Tine spacing : 2,8 cm (1")

Pressure range of tines: 100-5000 grams (0,25-11 lbs)

The TT is equipped with combi springs and carbide tines at an angle of 120 degrees and has one adjustable wheel.



### Optional:

- \* Removable attachment, for working with the 3-point of your tractor
- \* Aluminum frame 50 kg (110 lbs)
- \* Two adjustable wheels to straddle a bed



## How can the TINY Treffler be used?

You walk between the rows or along one side of the track. Depending on your working width, the wheel tracks can be adjusted. One wheel is adjustable and can stretch out to max. 180cm (5'11") to adjust to your working width.

False seed beds can be prepared and the harrow can be used for breaking a crust. A spindle helps to adjust the height of the frame so that you can easily harrow in tall crops or lower the frame for a more dragging tine in pre-emerged passes.

## Do I have to clear my drip irrigation before harrowing?

This is not necessary. Though it is important to secure the drip irrigation on both sides, it can be left lying in the row. The harrow passes over it without any disturbance.

## How does the Treffler work in transplants?

Preparing the bed before you plant your transplants is an important step prior to harrowing. It is important to firmly plant your transplants in the ground to give them a better start. Keep in mind that a new transplant, once planted, needs time to establish roots. Start harrowing softly in the beginning and more aggressively once the crop can manage it.



# Think BIG, buy a TINY Treffler



**TREFFLER** - Man@Machine

[OrganicMachinery.net](http://OrganicMachinery.net)

Interested in a machine?

Contact us at:

Ana and Jos Pelgröm

[treffler@manatmachine.com](mailto:treffler@manatmachine.com)

+31 (0)6 444 28 391