## Installation instructions for RS fence



- All posts are mounted at a distance of 1.67 meters from the center.
- Corner posts are drilled with holes $90^{\circ}$ or $135^{\circ}$ depending on the type of corner.
- Gate posts are drilled with 5 holes towards the fence side and 3 holes towards the gate opening.
- In the case of a double gate, a ground bracket is mounted for the center post, the ground bracket is a black pipe with a diameter of 160 mm , the center post is drilled with 3 holes in both directions.


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## Assembly of posts

- Recommended earth drill diameter 200 mm , but drills with diameters down to 150 mm and up to 250 mm can be used.
- Drill holes and put out the corner posts.
- Tighten a guideline between the corner posts and measure out the holes.
- Drill other holes.
- Put the posts, straighten and pack very hard at the bottom with the help of a piece of board, stomping to the holes results in the posts not standing firmly and the fence will after a while become crooked and twisted.
- Two months after installation, the posts are fine-tuned and the holes are filled in, especially important for wet soils.


Hole drilling with earth drill
it the last bit with a rubber mallet


## Assembly of rails

- The rails are 5 cm too long and must be adjusted in place as you assemble. The reason is that you may not be able to mount the posts exactly with a center dimension of 1.67 m .
- Start the assembly in a corner and mount the lower hose all the way, do not forget to leave a distance of $10-30 \mathrm{~mm}$ between the rails because the rails shrink in the winter and expand in the summer.
- At $+20^{\circ}$ leave 10-15 mm distance, at $0^{\circ} 15-20 \mathrm{~mm}$ and at $-10^{\circ} 20-30 \mathrm{~mm}$.
- When drilling holes for the pin, be careful not to drill into the electrical wire. A sprint extension is included which you can reach down to the lower lane with.



- Loosen the electrical wire one turn on the cable.
- Drill a 14 mm hole 10-15 mm into the hose.
- Pull the electrical wire through the pole.
- Insert the sling into the post.
- Sprint inside the post.
- Pass through a new sling in the next post.
- Loosen the electrical wire one turn on the cable.
- Drill a 14 mm hole 10-15 mm into the hose.
- Twist the electrical wires together well.
- Insert the electric torches into the pole.
- Insert the sling into the post and sprint.
- Pull out the sling 10-30 mm.
- Connect the electric wires between the upper and lower wire, preferably take a piece of wire from a leftover part or use the same type of


## Installation of gate



- Tree on gate end 2 on the lower sling.
- Attach the lower sling to the gate post.
- Tree on gate end 2 on the upper slat.
- Attach the upper hose to the gate post.
- Attach the center gate cable to gate end 1.
- Attach the lower and upper gate cable to gate end 1.
- Make sure that the measurements are kept according to the pictures, a 5 meter hose differs in length depending on temperature, at $-20^{\circ}$ it is approx. 30 mm shorter than at + $30^{\circ}$.
- Attach the lower gate rope to gate end 2.
- Attach the upper gate rope to gate end 2 .
- Check the function of the gate and all dimensions.





## Material properties:

The RS fence is made of polyethylene HD and has very good properties for a fence, it does not crack and is resistant to sunlight, weather and wind. If you drive on the fence with, for example, a tractor, the post and sling will fold, but it is almost always possible to repair it without having to replace damaged parts .

## Maintenance:

- On an ongoing basis, you should check that there is always current on the fence and take action if e.g. some horse kicked out a sling.
- Every year the fence needs to be inspected, the frost may have pushed up a pole, remove objects that lean towards the fence, e.g. branches and grass.
- Check that there is always current on the fence.

Well maintained, the RS fence can fulfill its function and be an ornament for an entire man's life in the future.

