

# ANT @ CUBE

User manual

Ant - Spiral Tower



# User Manual

The **Ant Spiral Tower** made of high quality acrylic is used to bridge the height from the ant arena to the ant farm and additionally offers the ants a lot of walking distance on a compact area. The additional walking distance simulates the paths that ants have to cover in nature to their food sources and can have a positive effect on the development and behavior of the ant colony.

## The set includes:

- 2x bottom / top plate
- 2x hose access
- 4x hose column
- 10x clamping pin
- Size:           S - 20 = 5 m hose 10/06 mm  
                      M - 20 = 5 m hose 14/10 mm  
                      L - 20 = 4 m hose 20/16 mm  
                      S - 30 = 7 m hose 10/06 mm  
                      M - 30 = 7 m hose 14/10 mm  
                      L - 30 = 5 m hose 20/16 mm

# Construction

## Step 1 - Unpacking

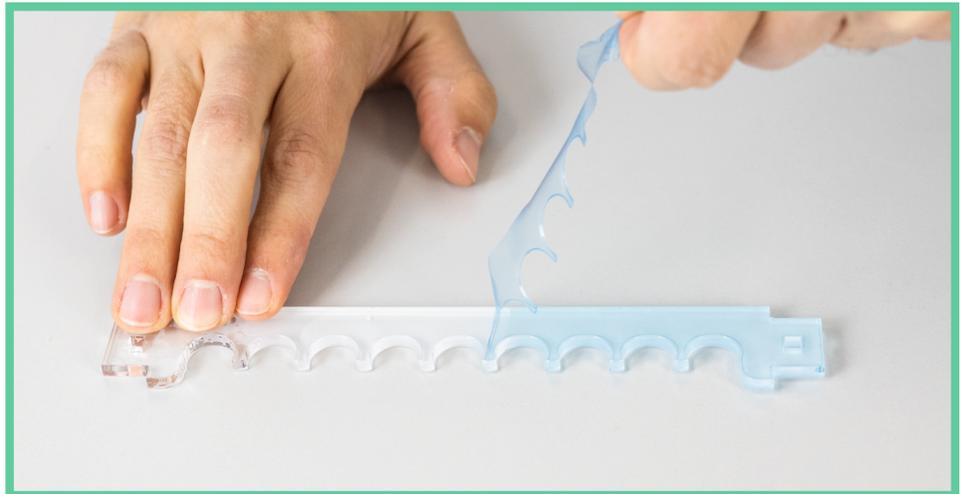
First, open the packaging with scissors or a knife. Be especially careful not to damage any of the individual parts. Take out all the parts and check that everything is included.



## Step 2 - Remove foil

Remove the protective foil from all components.

Make sure that you also remove all remnants, otherwise you will have a hard time when connecting the hose.



### Step 3 - Assemble

Before assembling, you need to know exactly how you want your ant spiral tower to look in the end, because it can be assembled in many different ways.

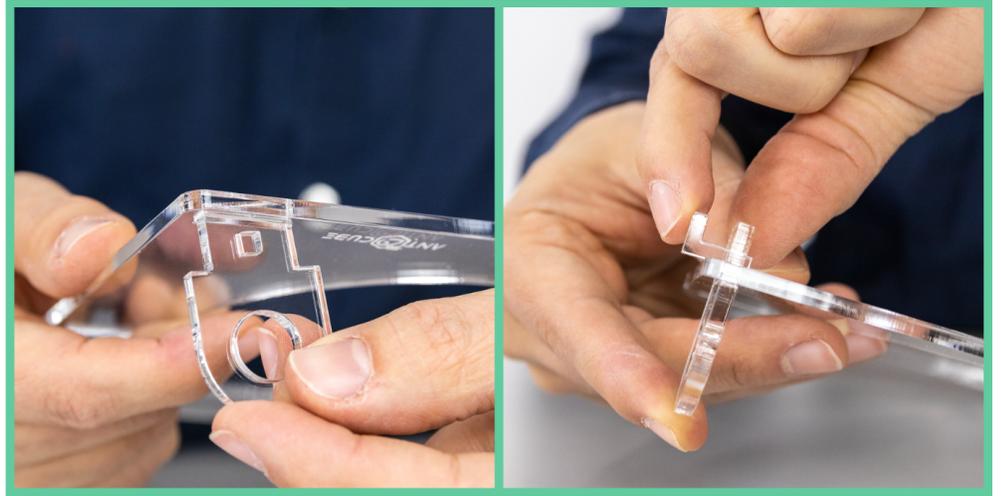
**Note:** If you make a mistake or want to use the spiral tower in a different combination later, you can easily disassemble it again.

First, you take one of the two floor/ceiling plates and place it in front of you. At the corner of the floor/deck plate the hose access is plugged in. This is possible on both sides, depending on how it fits to your formicarium. You fix the tube access with a clamping pin.

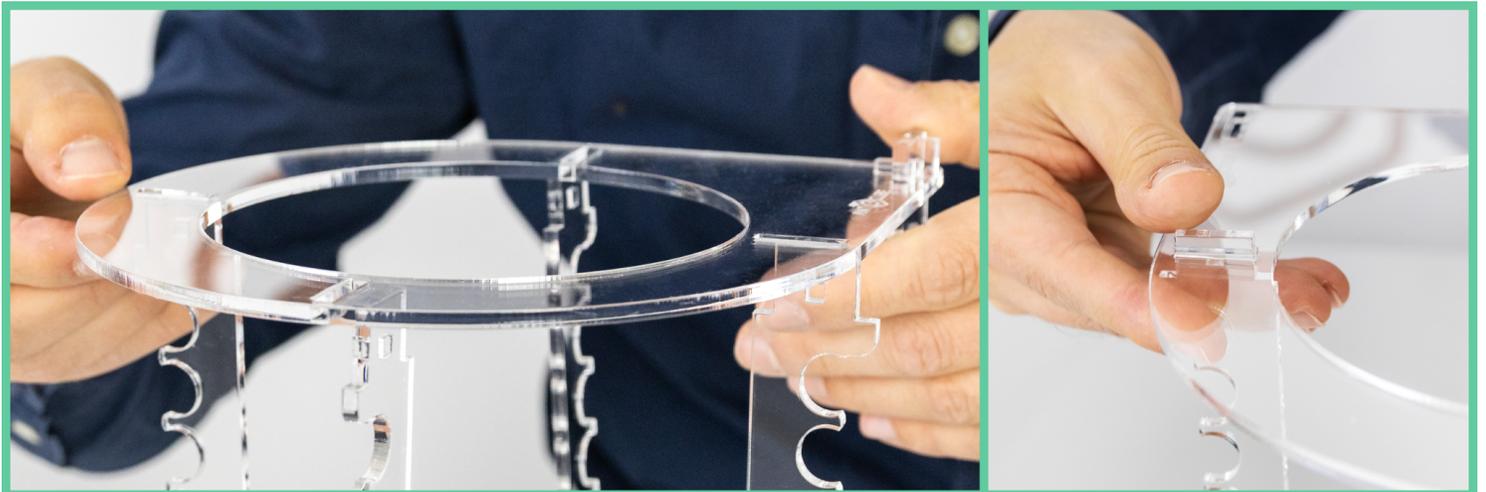
Then you insert the four hose columns, with the recesses for the hose facing outwards, into the Bottom / top plate and fix them with clamping pins as well.



Now take the second bottom/deck plate and insert the hose access here like with the first, and fix it with a clamping pin. Again, make sure to use the right variant for your formicarium.



Place the second base/cover plate on the four tube columns from above. Press everything firmly and now fix the hose columns with the remaining four clamping pins. Check again if everything is fixed and if the position of your hose accesses is correct.

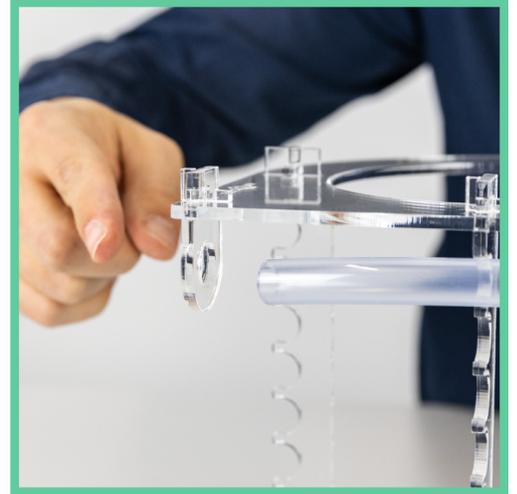


## Step 4 - Insert hose



Next, insert the hose into the spiral tower scaffold. To do this, cut the cable ties on the coiled hose.

Now push the hose through the hose access. It does not matter whether you use the upper or lower end of the spiral tower scaffold. The hose should stick out 20-30 cm depending on how it fits best to your Formicarium.



Now wrap the hose around the spiral tower frame. Make sure that it is not too loose, but also not too tight. So it will be even at the end and look best.

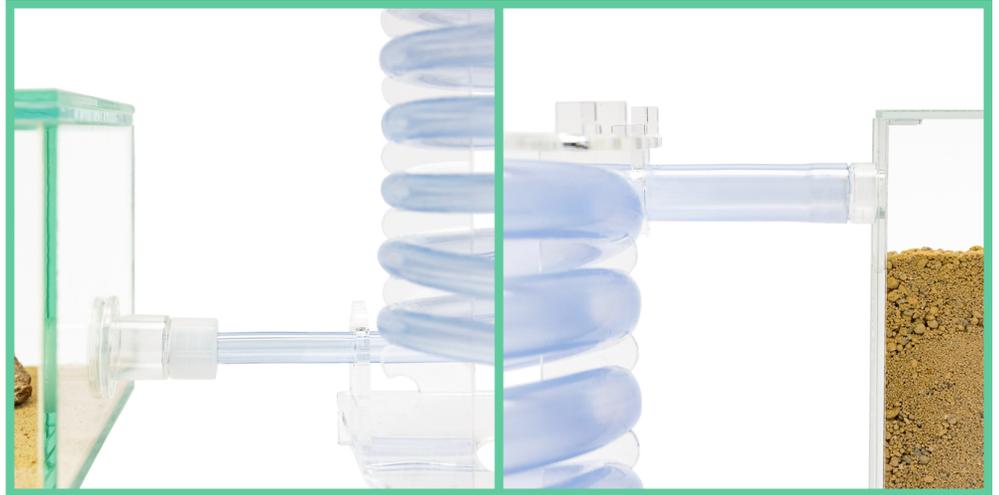


Press the hose firmly against the hose columns and continue winding it to the end. There, too, you push the hose through the hose access again. If the hose ends stick out too far, you can shorten them with scissors or a knife.

## Step 5 - Connecting to the formicarium

The setup is now complete and you can connect your spiral tower to your formicarium.

Depending on the hose size you have to make sure that you use the suitable connection sockets or adapters.



Now everything is ready and your ants will be pleased with the new running track.

**Note:** If your colony starts to store their waste in it, you will of course have to remove it. To do this, unplug the spiral tower from the formicarium and blow into one end of the hose.

It can happen that your harvest ants (e.g. *Messor barbarus*) store their grains in the tube due to the low humidity. However, this is not a problem.

All further information about our ant spiral tower  
you can find on [www.antstore.net/shop](http://www.antstore.net/shop) and [www.anticube.shop](http://www.anticube.shop)

or

under the following QR code / link



<https://anticube.shop/product-category/formicarium-components/spiral-tower/>

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