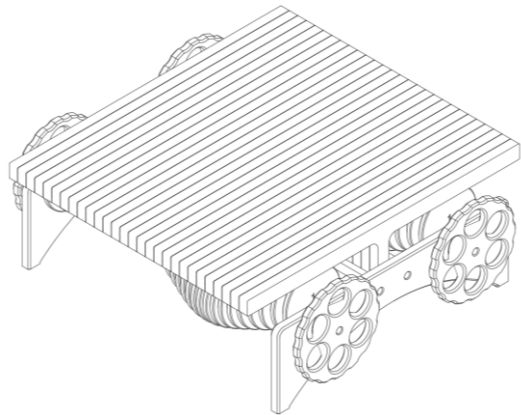


# INSTRUCTIONS



**MARK RHODES MAKER**



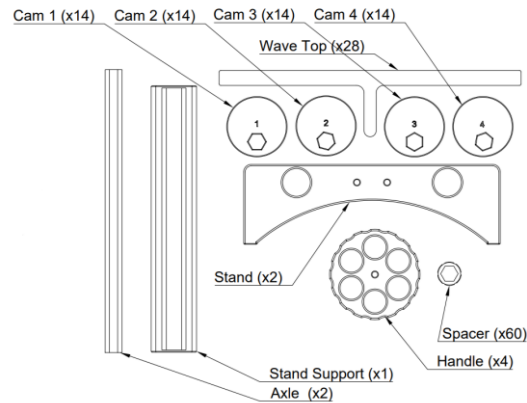
**KINETIC ART**

**WAVE MACHINE**

# PARTS LIST

Ensure the following parts are present:

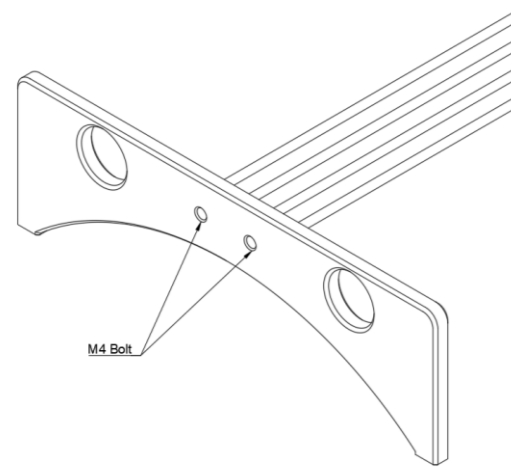
- 14x Cam 1, Cam 2, Cam 3, Cam 4
- 60x Spacer
- 28x Wave Top
- 4x Handle
- 2x Stand
- 2x Axle
- 1x Stand Support
- 8x M4 Bolt (16-20mm)



**Note:** You will need a screwdriver or allen key to secure the **M4 Bolts**.

# STEP 1

Attach **Stand Support** to one **Stand** only with two **M4 Bolts** through the indicated holes.

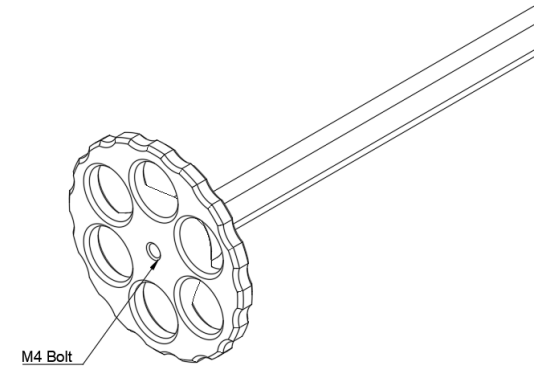


**Note:** This should be a firm connection, do not over tighten however as this might cause damage.

# STEP 2

Attach one **Handle** to one **Axle** with an M4 Bolt. It should be firm, but not over tightened.

Repeat this step for the second **Axle**.

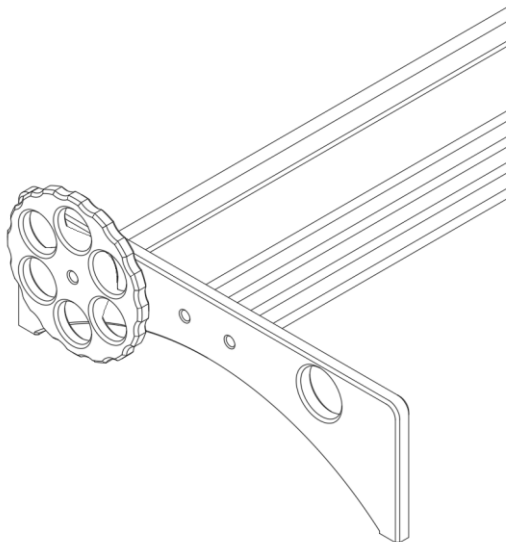


**Note:** Do not attach a second **Handle** to the **Axles** at this point.

# STEP 3

Place the **Handle & Axle** assembly into the holes on the stand assembly.

Repeat with the second assembly.

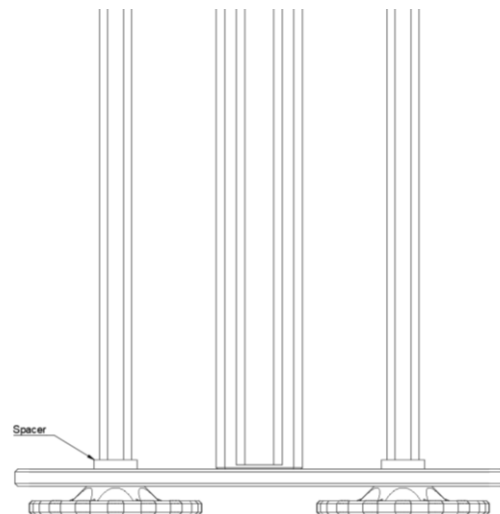


**Note:** Fit between parts will be loose, this is intended.

# STEP 4

Turn the completed assembly vertical, so that it is resting on the handles with **Axles** pointing towards the roof

Slide a spacer onto an **Axle**.

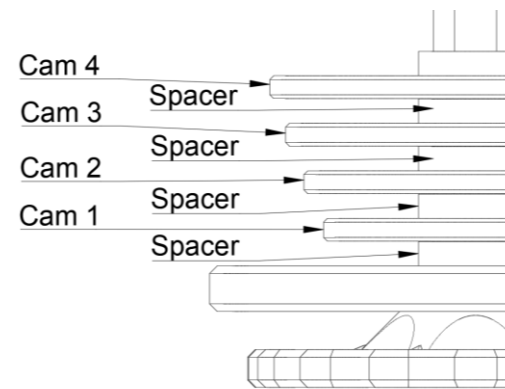


**Note:** If the protruding **M4 Bolt** heads make this unstable, use a piece of foam, or cloth underneath to stabilize.

# STEP 5

Slide **Cam 1** onto the axle then slide a spacer onto the axle.

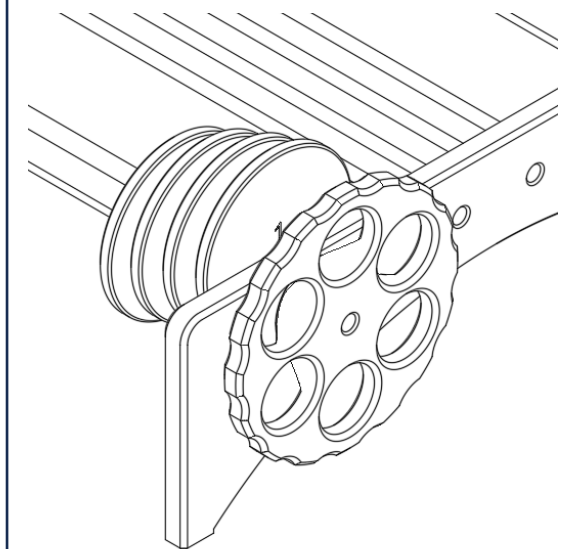
Repeat this process with **Cam 2, spacer, Cam 3, spacer, Cam 4, spacer.**



**Note:** Each **Cam** should have a spacer between it.

# CHECK-IN

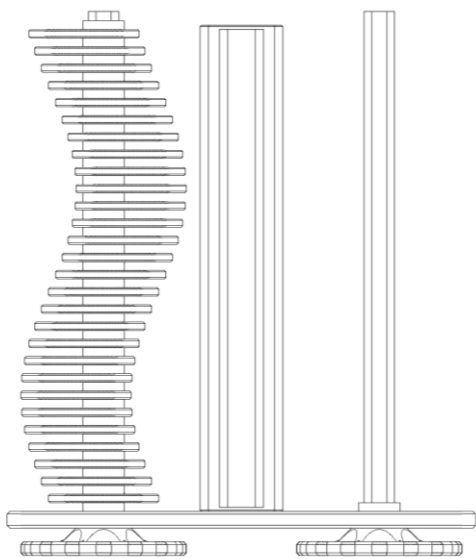
At this point, your assembly should look similar to this.



**Note:** **Cams 1-4** should be only slightly offset from each other. If they are not, this needs to be corrected.

## STEP 6

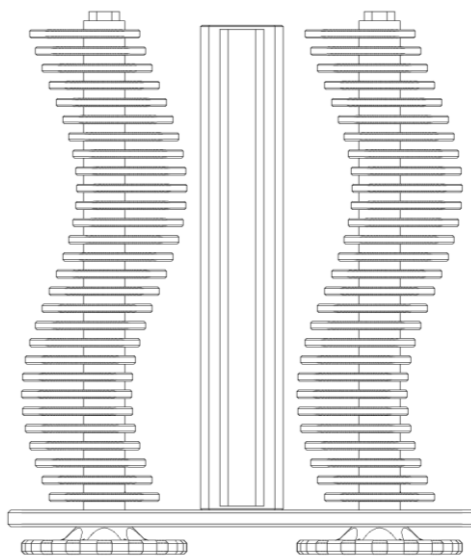
1. Repeat Step 5 until you reach the end. This should be 7 sets of **cams**. Ensure you continue the pattern by offsetting each **cam**.



**Note:** There is a final spacer at the end of this process.

## STEP 7

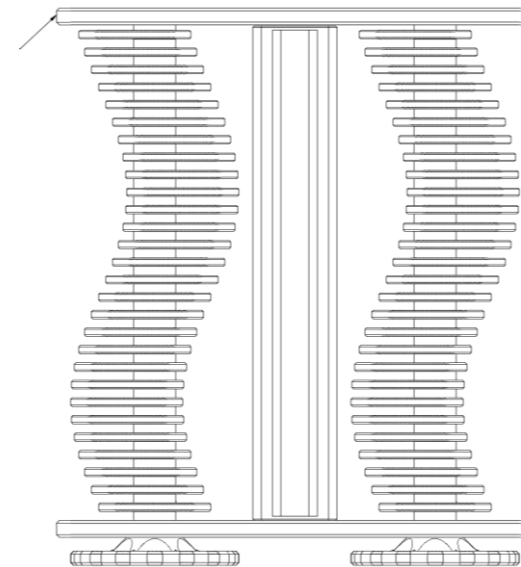
Repeat **Steps 5 and 6** for the second **Axle**.



**Note:** If you have left over **Spacers** that is fine. These instructions include extras as they are prone to misplacing.

## STEP 8

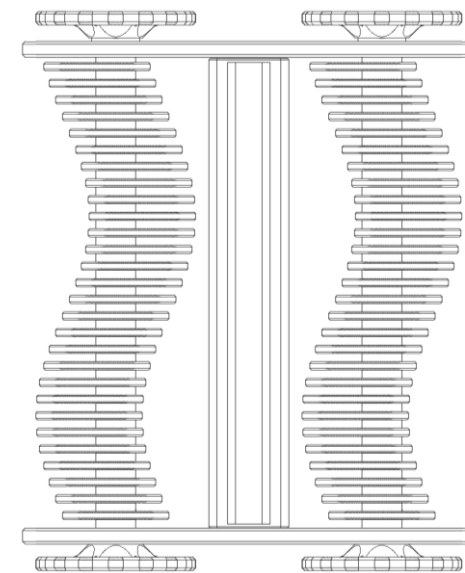
1. Place the second **stand** piece on top of the completed assembly and secure to stand support with 2x **M4 bolts**.



**Note:** Be gentle to avoid knocking the piece over and losing your progress.

## STEP 9

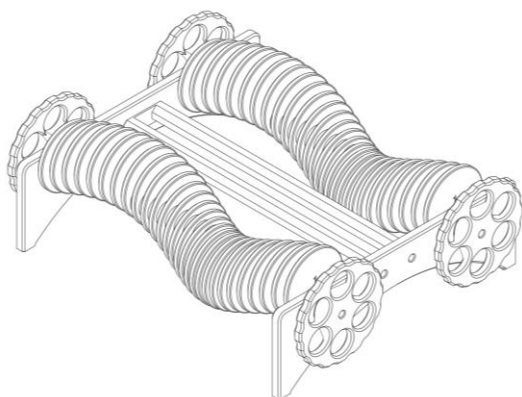
1. Place the remaining two **Handle** pieces through the stand and onto each **Axle**. Secure with **M4 Bolts**.



**Note:** Do not overtighten the **M4 bolts**.

## CHECK-IN

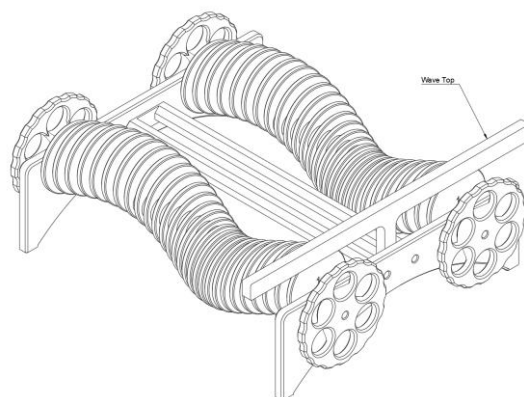
At this point, this is how your machine should look. You can now orient the completed assembly with the feet on your work surface.



**Note:** If **Handles** do not rotate smoothly, you can apply a small amount of a lubricant to the points where the **Handle** contacts the **Stand**.

## STEP 10

1. Place a **Wave Top** Piece atop the assembly, between the rails of the **Stand Support**.
2. Repeat for all 28 **Wave Top** Pieces.

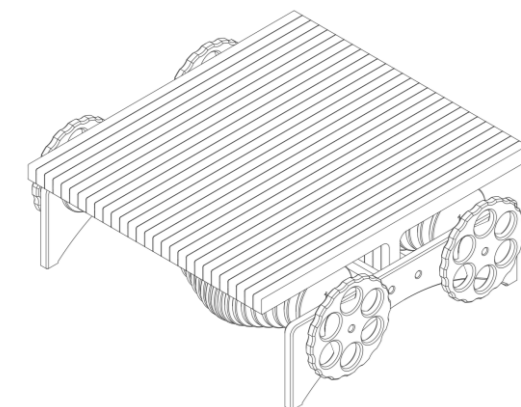


**Note:** The small groove on the underside of the **Wave Top** should align to the **Cams**.

## ENJOY

Your **Kinetic Art Wave Machine** is now complete. Simply rotate the wheels to create a wave effect on the top surface.

Hold the stand with your fingers while using your thumbs in the wheel holes to make them spin.



**Note:** If the **Handle** does not rotate freely, you may apply lubricant as per the last check-in.

## THANK YOU

Thank you and I hope you enjoyed the kit!

Feedback is always welcome. If you have any problems or issues, please contact me.

I'd also love to see your creation, so please feel free to tag me.



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