

Hidden Burden

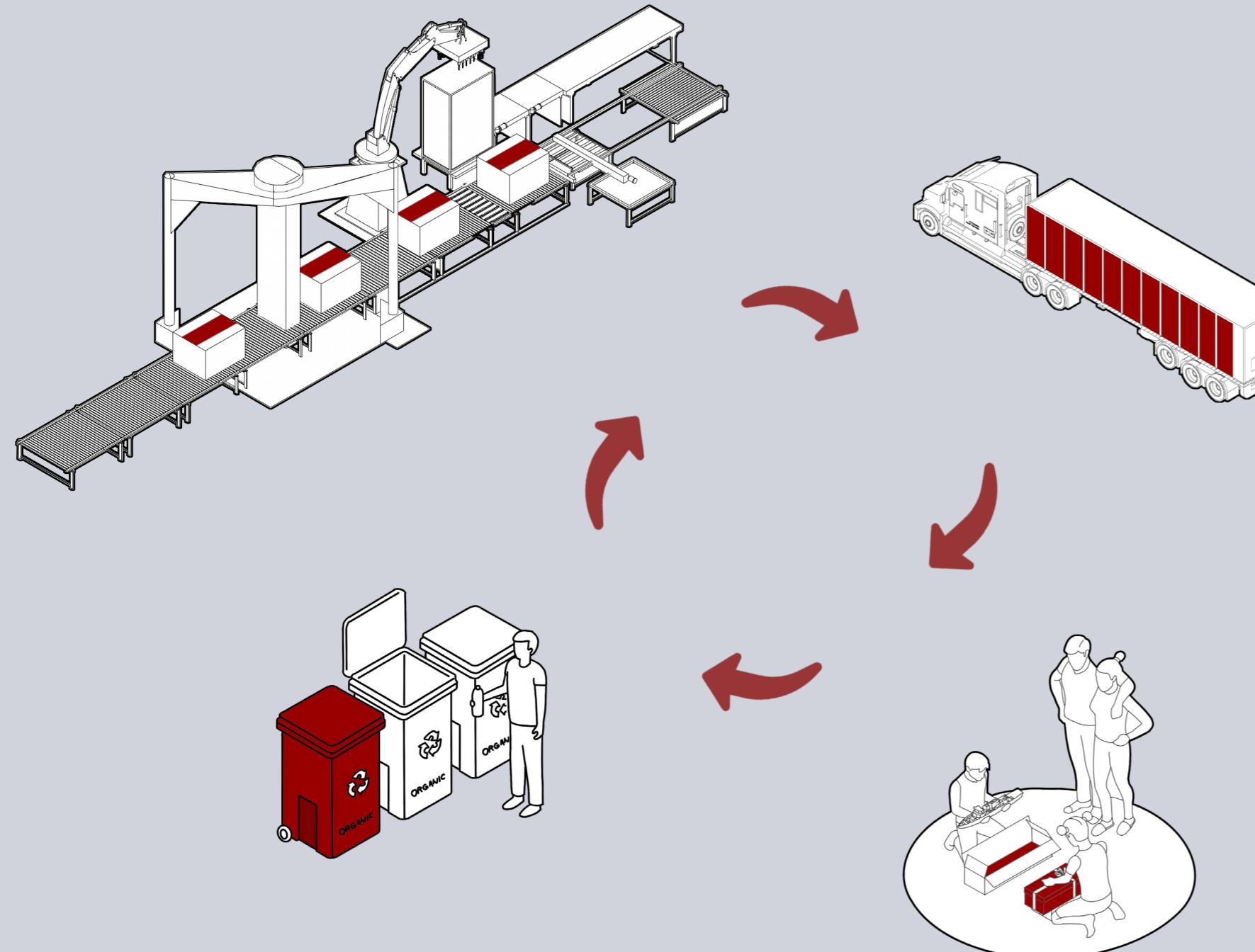
Exposing the Absurdity: An Interactive Installation on Overpackaging



The Gallery of Waste



The Problem of Over Package



- **Production**

9.2 billion tons of plastic produced

- **Transportation**

5 million unnecessary delivery journeys a year

- **Consume**

90% of the costs of recycling funded by individual taxpayers

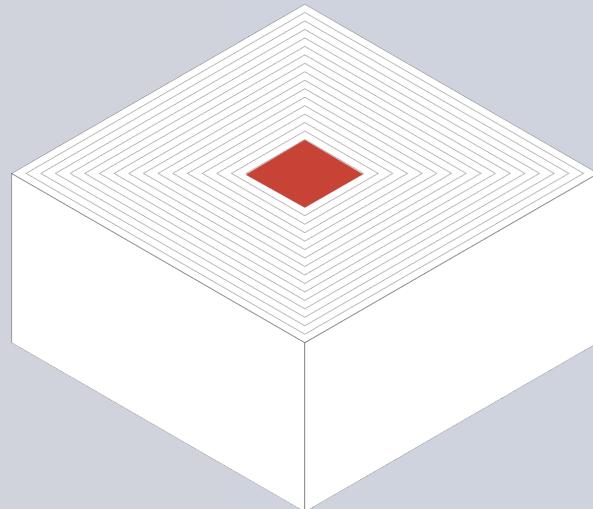
- **Recycle**

Producing a ton of recycled paper requires about **7,000 gallons** of water, whereas creating new paper demands **10,000 gallons**.

The Design

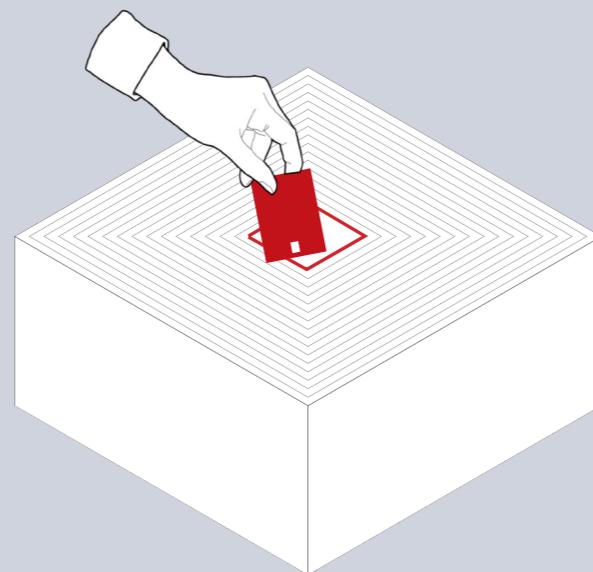
Sensor

The **sensor** in the middle invites audiences to put something in.



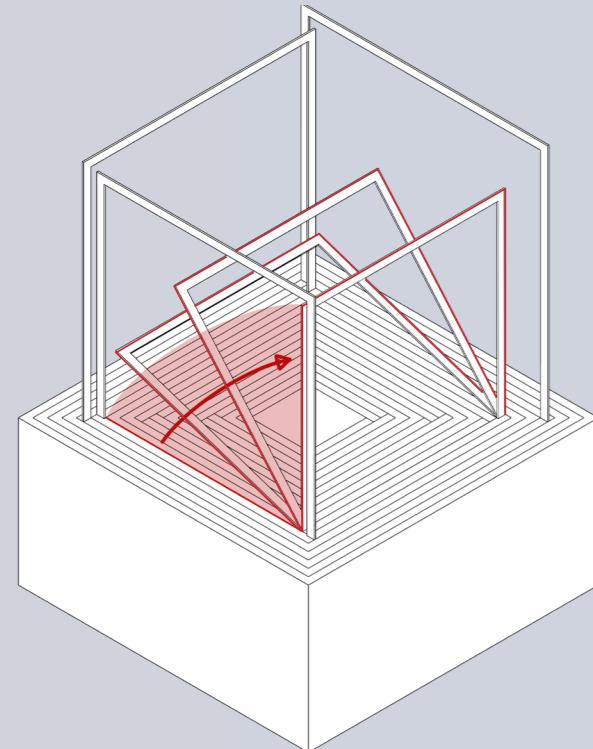
Interaction

The installation will start to function once it **detected** the card.



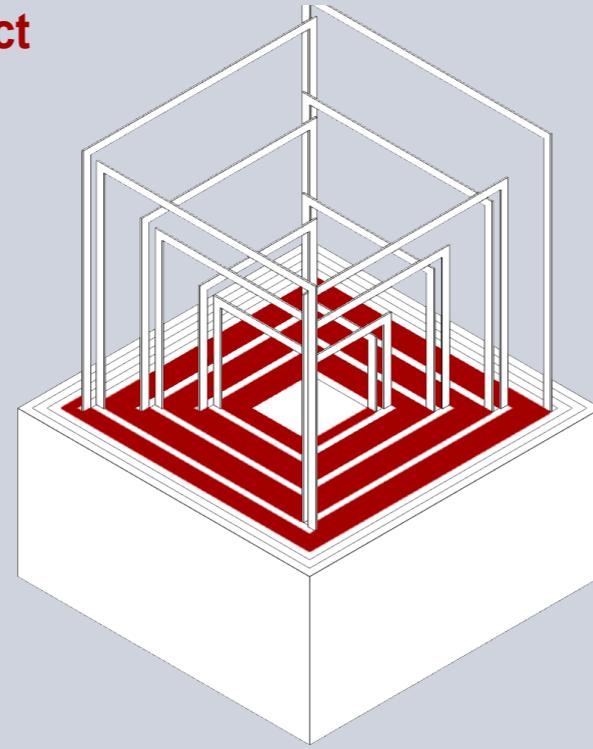
Movement

The frames will then **lift** one by one, from outer to inner.



Visual Effect

The raised frames **expose** the waste compression blocks on the lower level



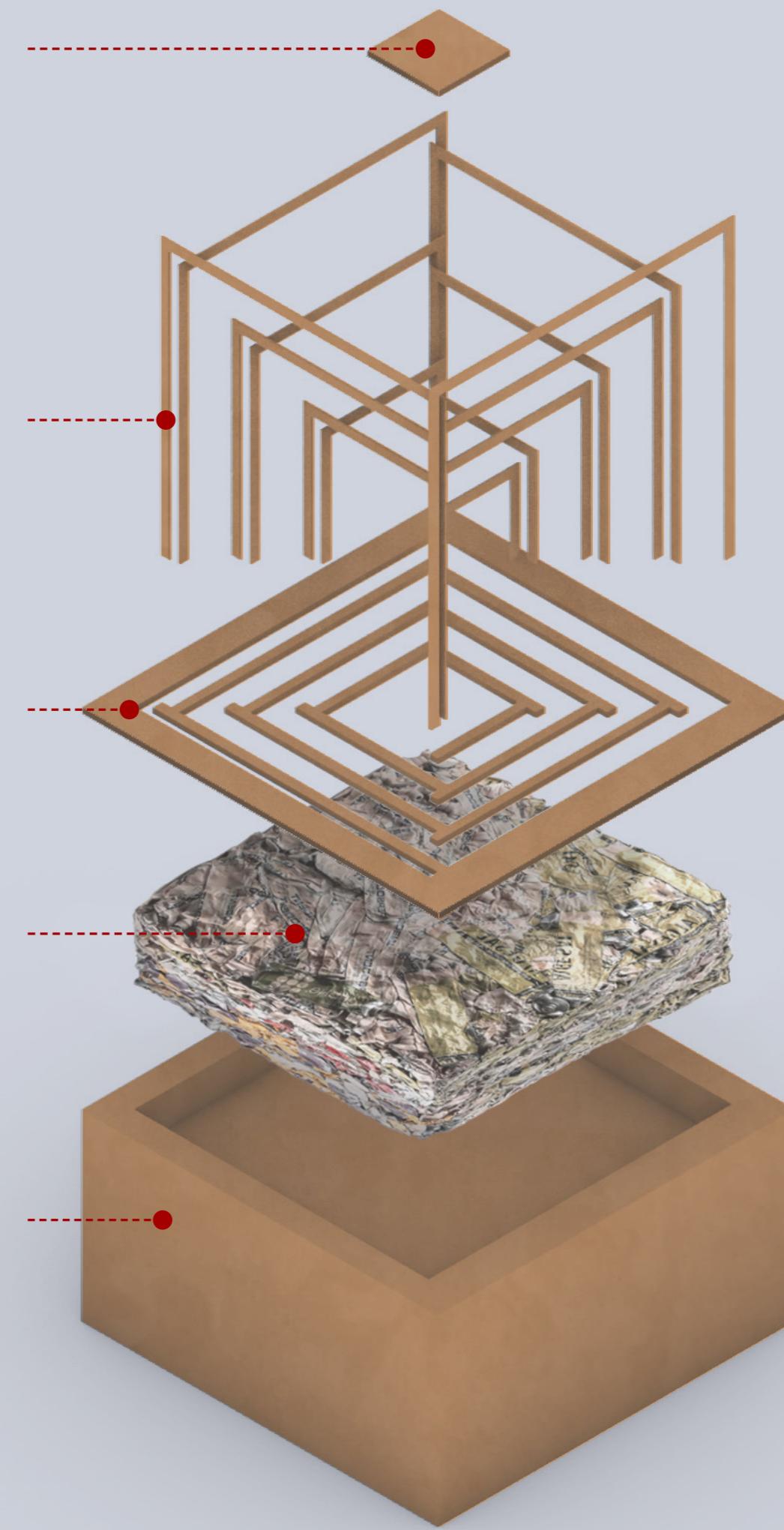
Sensor

Frames

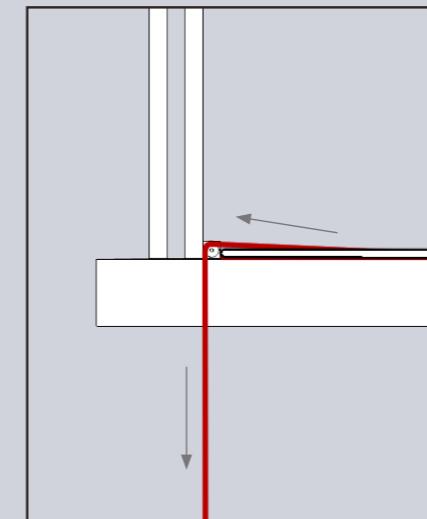
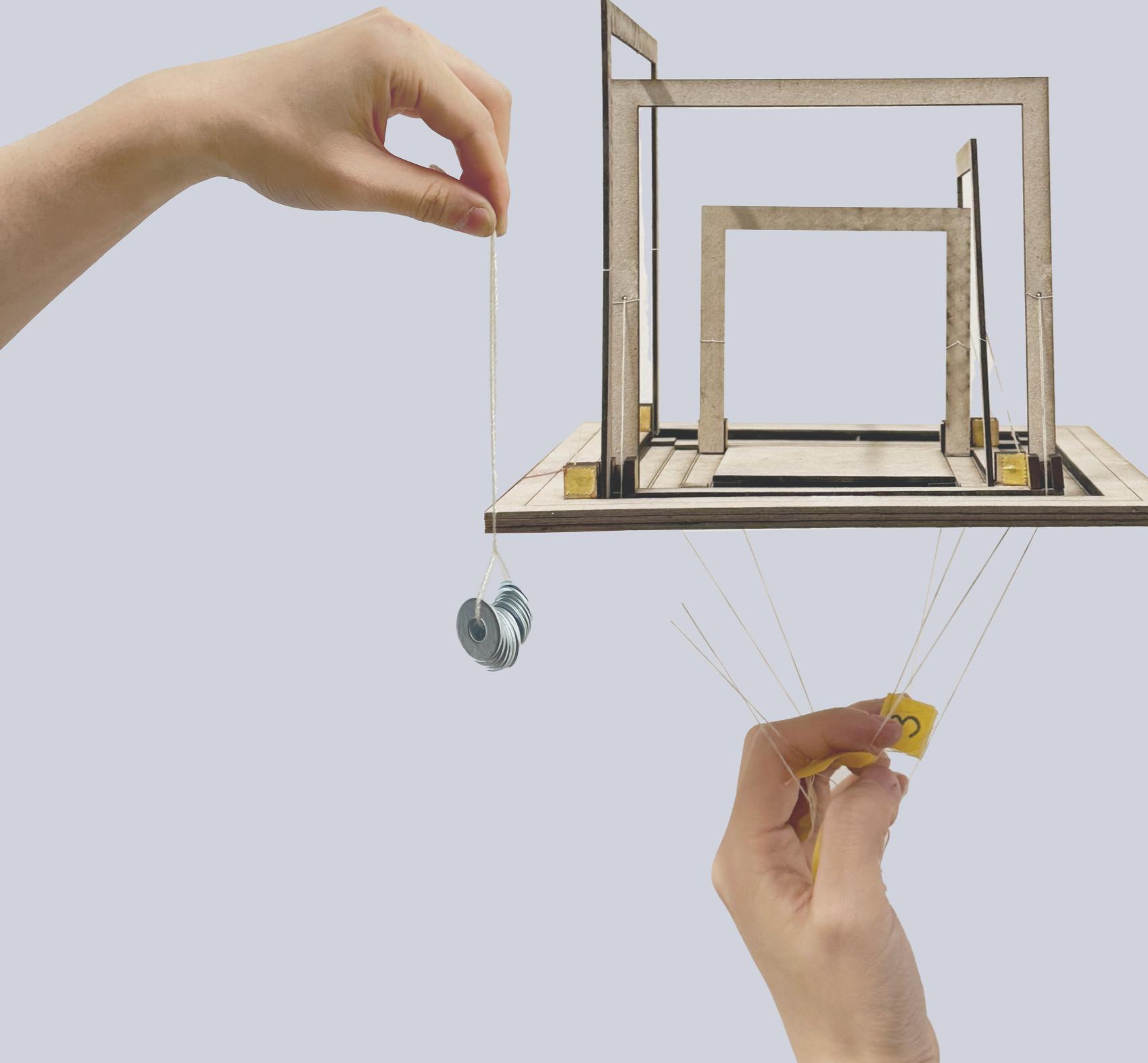
Base

Compressed Material Waste

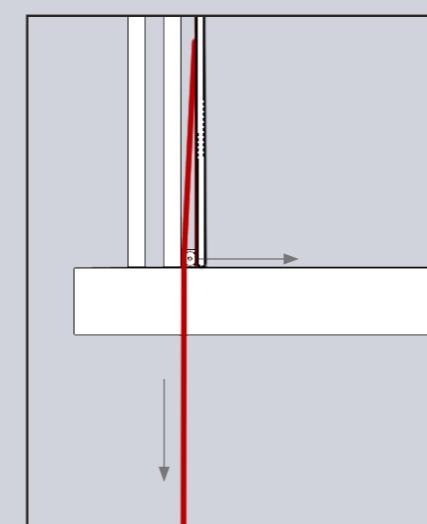
Support



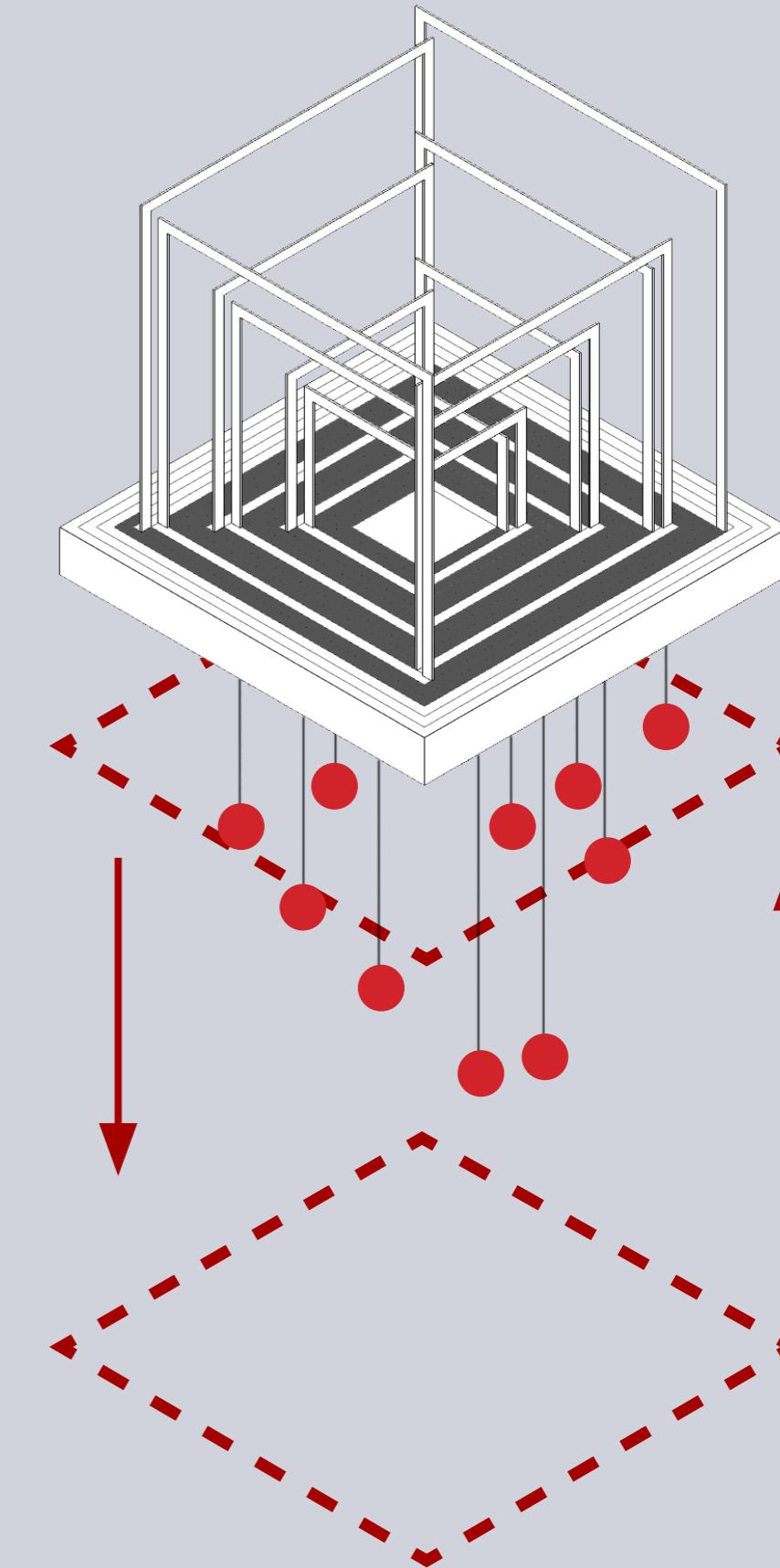
The “Burden”



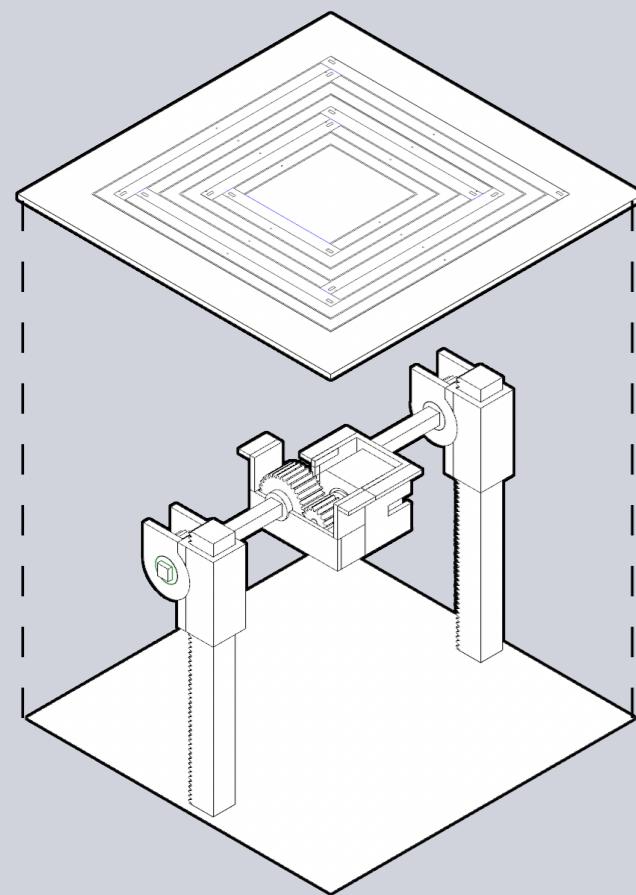
The initial force has an angle to raise the frame effectively.



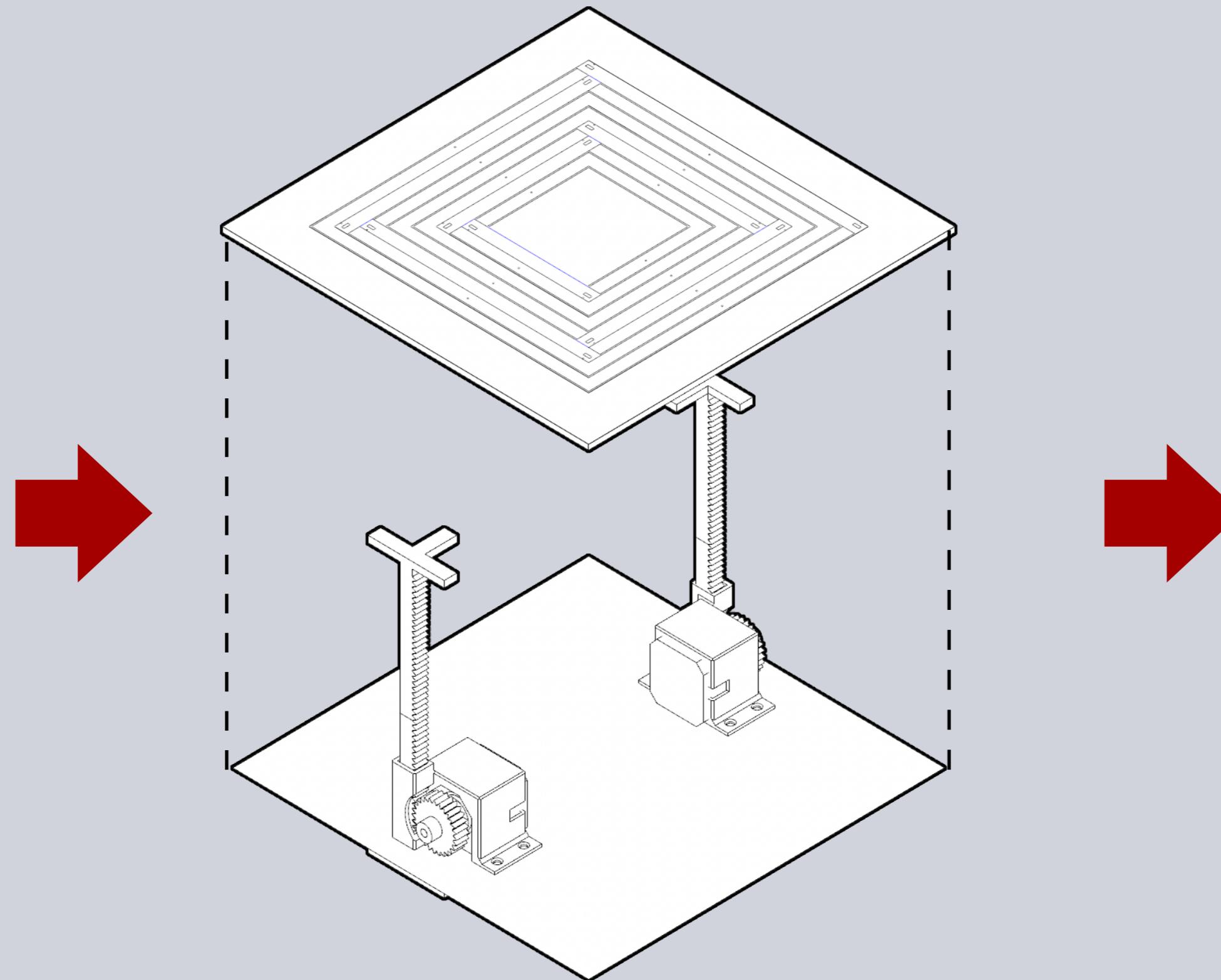
The rollers can also act as a stopper blocks to avoid over-rotation.



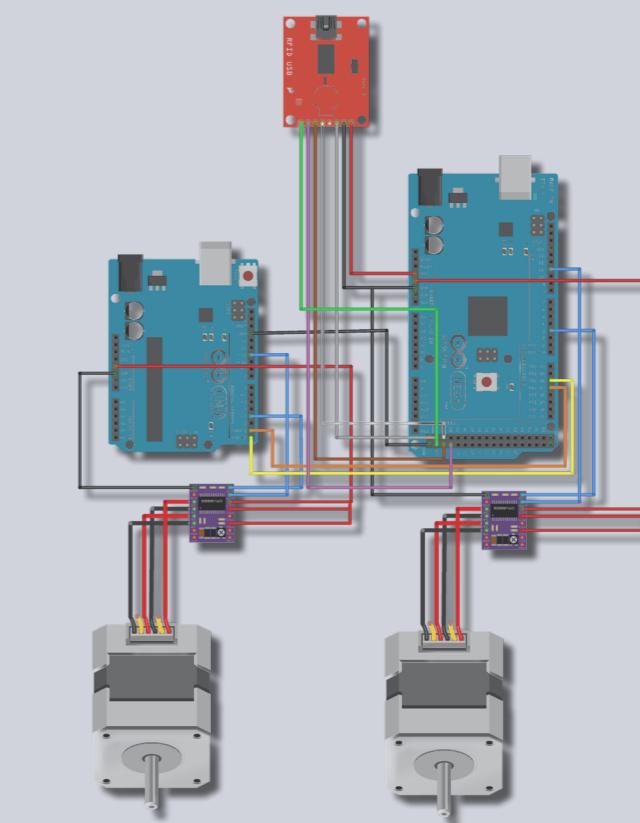
The Lift



Using 1 Stepper



Using 2 Steppers



Thank You !

