



Throwing Wheel

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Summary

My wife was looking for a new hobby during Quarantine, So I designed and created a Throwing wheel for her.

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My wife was looking for a new hobby during Quarantine, So I designed and created a Throwing wheel for her.

3d printer parts and an arduino.

It works really really well

Would you sacrifice your printer parts for love? :)

Print instructions

print everything.

The wheel should be printed from PETG with high infill 40% - 50% (for weight and Structural strength).

install 4 X m4 threaded inserts in the stepper motor socket.

install 4 X m3 threaded inserts in the arduino socket (non critical)

Install the motor, and tighten it.

install the arduino with screws to the base.

Connect the arduino to the motor with a stepper motor driver.
install a 12 V switch, and connect to a 12 volt power supply.

Ta Da!
you got yourself a working throwing wheel.

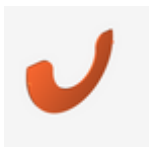
Model files



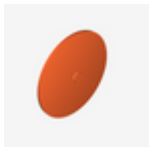
throwing-wheel-body.stl



motor-connector.stl



water_closure.stl



5mm_flange_wheel.stl

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