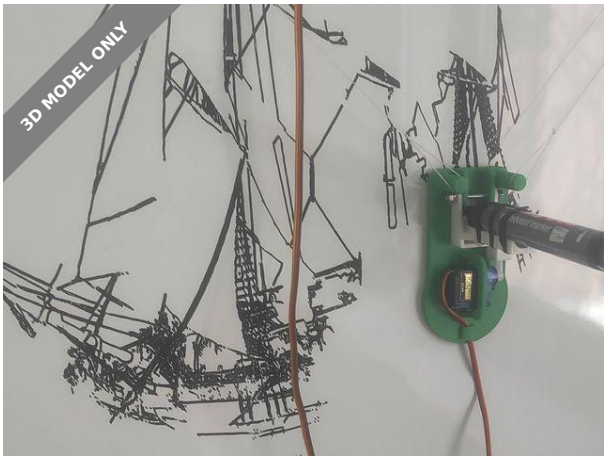


Walldraw / Wall plotter / Polargraph

Pontifex Maximus

VIEW IN BROWSER

updated 6. 8. 2022 | published 6. 8. 2022

Summary

The Walldrawer project is a funny maker project for everyone.

Gadgets > Other Gadgets

Tags: arduino esp32 robotics battery electronics fusion360 office pcb programming robotic steppermotor uln2003 uno

The Walldrawer project is a usual maker project which is suitable for old and young.
There is so much fun in watching it working on giant sheets, walls or whiteboards.

I modified usual constructions, now everybody can build one on a 3D printer with an Arduino UNO
or, for the more engaged Makers, a selfmade PCB with ESP32.

My solution is below 30 bucks, beside some parts you may find around.

I published the full project in German language on GitHub:
https://github.com/Pontifex42/Walldraw

There you find all files, code, instructions, part list photos, videos and all you need.
If requested, I'll translate everything to english.

Model files

spool.f3d

stepperstand.f3d

sledge.f3d

baseplate.f3d

wireclamp.f3d

sledge.stl

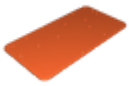
lever.stl

spool.stl

twinering.stl

stepperstand.stl

baseplate-pcb.stl



baseplate-uno.stl

wireclamp.stl

hook.stl

Other files

wandplotter.pdf

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