Printables by JOSEF PRUSA

Rust Auto Turret remixed

johnbbb

VIEW IN BROWSER

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Summary

I made some changes to Usuarius great Rust Auto Turret design to fit the Arduino Nano and all the cables inside, add a...

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Tags: thingiverse

I made some changes to Usuarius great Rust Auto Turret design to fit the Arduino Nano and all the cables inside, add a lid to the bottom and some more housing to the laser. It's now self contained and just needs a usb power source like a phone charger plugged into the base.

I originally printed this just to do a practice paint job for a different project but then I got a bit carried away :)

The lid might need to be printed at 98% scale if my memory serves me right.

There are probably differently sized laser modules and mine (cheap chinese one) seems to be a bit smaller than what Usuarius model was designed for, thus the two jackets for it to make it fit. I think it looks good with them though as it hides the cable and solder points a bit.

For assembly, connections and arduino code: https://www.thingiverse.com/thing:3298689

Update Dec 2022:

Added a base with hole for laser cable and a rotating shaft that has a proper hole for a screw to fasten it properly to the servo.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

Yes

Resolution:

0.1

Infill:

20

Filament: PLA PLA Black/Grey

Notes:

.

Category: Model Robots

This remix is based on

Rust Auto Turret remixed

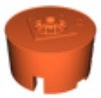
by johnbbb

Model files

laser_jacket2.stl

base_lid_100.stl

laser_jacket.stl



turret-base.stl

if not using laser

turret-base-with-hole-for-laser-cable.stl

if using laser

turret-rotating-shaft-v3.stl

Find source .stl files on Thingiverse.com

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