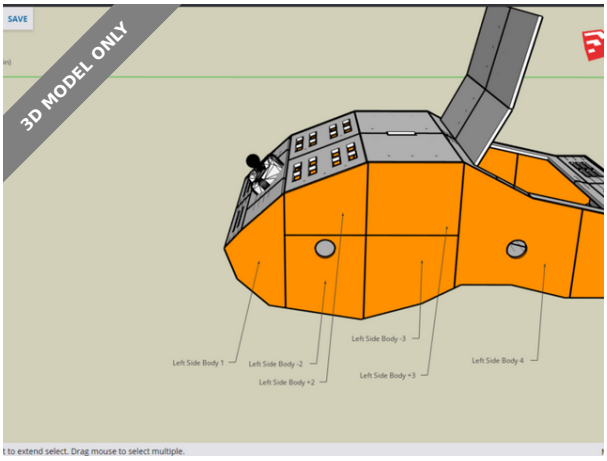


Fang's Body

P Paglia Industries

VIEW IN BROWSER

updated 27. 11. 2022 | published 27. 11. 2022

Summary

Fang is a fully 3D printable animatronic dragon. These are the files for Fang's body. The aligner parts and the peg...

Hobby & Makers > Other Ideas

Tags: dragon industries steampunk animatronic fang paglia

Fang is a fully 3D printable animatronic dragon.

These are the files for Fang's body.

The aligner parts and the peg connector are optional. You could use toothpicks instead of the peg aligners. I welded all the body parts (with a plastic welder) together so I had no need for the peg connectors. Once your done the body, you can cover it in scales, which can be found on Fang's skull thingiverse page: https://www.thingiverse.com/thing:4312923

Important Notes:

Anything that has (L.B) in its name means that it is Load Bearing. I recommend printing those with a high infill (40-100%). Everything else can be printed with an infill of 10-20%.

The parts that need to be printed twice have (x2 Needed) in their name.

For the neck and tail you will have to drill out some of the pre-made holes in order to feed the cable through.

For the access panel you will need to print a hinge and bolt it to the body and the panel in order to have the panel open and close.

Don't worry if the pegs on the right & left side body break off. They are there as a guide to help you align the parts. A few of mine broke off but I was still able to assemble the body properly without re-printing or repairing the part.

The Body Parts.zip contains all the body parts along with the assembly pictures.

Note:

This version of the body is a MK 1 so eventually it may be upgraded (After I finish my other projects). This body is designed to be a general shape, once you cover it with scales it should look a lot better. But feel free to make it better if you can ;)

Keep up to date with all my latest projects & tutorials here:

Link to my Instrucatbles page: https://www.instructables.com/member/pagliaindustries/

Link to my website: https://pagliaindustries.wixsite.com/mysite

Link to my youtube page: https://www.youtube.com/channel/UC1OBvuYrBDoy5uEZ0f03G-A

Print Settings

Rafts:

Doesn't Matter

Supports:

Doesn't Matter

Notes:

Anything that has (L.B) in its name means that it is Load Bearing. I recommend printing those with a high infill (40-100%). Everything else can be printed with an infill of 10-20%.

The parts that need to be printed twice have (x2 Needed) in their name.

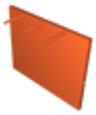
Category: 3D Printing

Model files

access-panel-2-1.stl

top-body-2-x2-needed.stl

access-panel-2-0.stl

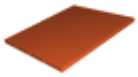


left-side-body-3.stl

left-side-body-1.stl

back-body-2-lb-x2-needed.stl

right-side-body-5.stl



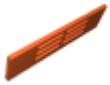
access-panel-2-3.stl

right-side-body-4.stl

circle-aligner-peg-x2-needed.stl

left-side-body-2.stl

right-side-body-2.stl



bottom-body-0-x2-needed.stl

back-body-0-x2-needed.stl

right-side-body-3.stl

left-side-body-2.stl

right-side-body-2.stl

neck-plate-1-0-lb-x2-needed.stl

reversible_hinge_with_holes.stl

back-body-2-1-lb.stl

left-side-body-4.stl

square-aligner-peg-x2-needed.stl

back-body-1-x2-needed.stl

bottom-body-3-x2-needed.stl

connecting-peg.stl

bottom-body-5-lb-x2-needed.stl

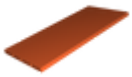
bottom-body-2-lb-x2-needed.stl

top-body-3-x2-needed.stl

bottom-body-1-x2-needed.stl

right-side-body-3.stl

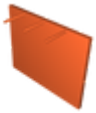
right-side-body-1.stl



bottom-body-6-x2-needed.stl

access-panel-1-0.stl

neck-plate-1-1-lb.stl



left-side-body-3.stl

bottom-body-8-x2-needed.stl

access-panel-1-3.stl

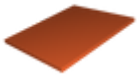
access-panel-1-2.stl

access-panel-1-1.stl

bottom-body-4-x2-needed.stl

left-side-body-5.stl

top-body-0-x2-needed.stl



access-panel-2-2.stl

bottom-body-7-x2-needed.stl

reversible-hinge.stl

Other files

body_parts.zip

Find source .stl files on Thingiverse.com

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