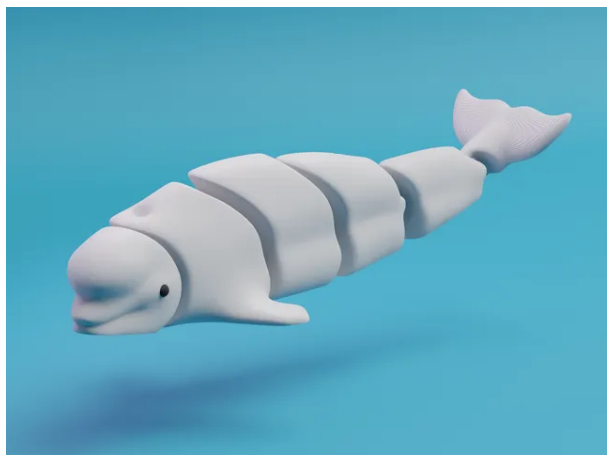




Articulated Beluga whale



Jopek Design

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updated 21. 12. 2024 | published 21. 12. 2024

Summary

Print in place articulated Beluga whale



3.08 hrs



1 pcs



0.20 mm



0.40 mm



PLA



30 g



Prusa
MK3/S/S+

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Tags: [sea](#) [articulated](#) [flexible](#) [printinplace](#) [marine](#) [fish](#)
[whale](#) [beluga](#)



Model parameters

Dimensions (LxWxH)

170 x 64 x 36 mm (100% scale)

Basic information

A long awaited, fifth addition to the Articulated Sea Life collection, the Beluga whale is here!

It was designed to print as easily, and as reliably, as possible. No post processing, or tweaking is needed. The model is fully functional right off the buildplate, and doesn't require any additional assembly.

Included files

You can choose from total of 3 files: **.3mf** (recommended); **.stl** (for slicer compatibility issues); and **.gcode** (for MK3S+, pre-sliced, ready to print)

This design is a part of the Articulated Sea Life collection by me. You can check out other designs from this collection [here](#).

The Articulated Sea Life collection is a live project, and I'm continuously adding new designs, anytime I get an interesting idea, or a suggestion. The designs are also updated, if any changes or tweaks have to be made. Feedback, suggestions and ideas are welcome!



Print settings

Material

PLA

Layer height

≤0,2 mm

or

>0,2 mm + variable layer height

Infill

>10%

Support

None. The model was designed not to require any support material.

Scaling

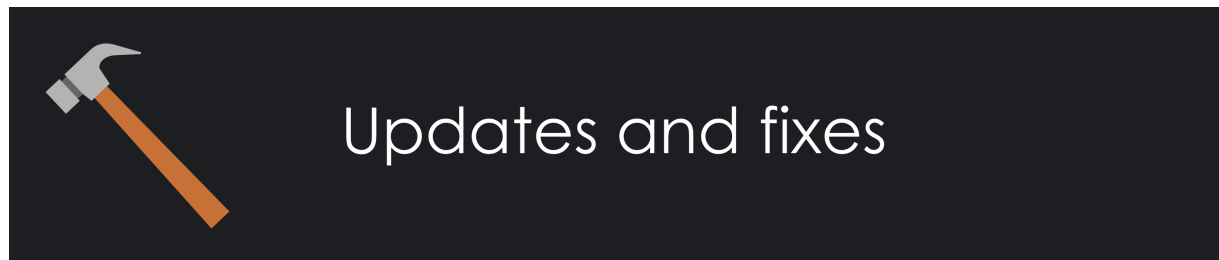
The model should come out perfectly functional even at lower scales. Tested up to 60% of the original scale. Results may vary depending on the accuracy of your setup and quality of the materials used.

Orientation

Default, laid flat on the belly

Adhesion aid

Not necessary, contact area with the buildplate should be sufficient. If your print surface suffers from poor adhesion, consider using some adhesive spray, or other kind of adhesion booster. Using brim is possible, but not recommended, as it would be difficult, and inconvenient to remove afterwards.



All resolved past issues with the model files and detailed information about their fixes will be listed in this section. If you're having any problems which aren't on this list, please visit the **Known issues** section below. If you don't see your problem mentioned there as well, please leave us a message with more details, so that we're able to address it as soon as possible.

11/30/2024

- Fixed a non-functioning link in the model description

12/21/2024

- Updated the image gallery.
- Minor changes to the model description.



Known issues

There currently aren't any known issues/work in progress. If you run into any, please contact me via dm.



Commercial use

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Model files

articulatedbelugawhale.stl



articulatedbelugawhale.3mf



Print files

articulatedbelugawhale_02mm_pla_mk3s_3h5m.gcode



⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 3.08 hrs ⚖️ 30 g 🖨️ Prusa MK3/S/S+

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