

Howl's Moving Castle Lithophane

RetromanIE

VIEW IN BROWSER

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Summary

Custom lithophane stand included. Software used: Photoshop, Blender, Meshmixer and S3D.

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Custom lithophane stand included.

Software used:
Photoshop, Blender, Meshmixer and S3D.

Dimensions: 176mm x 105mm x 5.5mm.

Print settings and information:
https://www.gadunky.com/litho-print-settings/

Note: This is a very large and detailed stl file and may put some systems/ slicers under pressure. It slices best in PrusaSlicer , Cura 4.2+ or S3D.

A note on slicing in Simplify3D:
It’s easiest to slice the lithophane in Cura(or Slic3rPE) as there’s an extra step in Simplify3D due to the way the lithophanes are created(this by design to allow additional editing/printing options for more advanced users).

If you want to use Simplify3D you just need to do the following:

Load the lithophane STL into S3D as normal.
Click Mesh–Separate Connect Surfaces
Slice as normal
The added bonus of doing this is you can re-crop the image into the frame if you wish, or easily resize or remove the frame altogether. Using this method you can also print the frame in one colour/material and the lithophane in another if your printer has that option.

If you don’t do the above in S3D there may be a tiny gap between the frame and the lithophane when you actually slice the model.

Check out more on my site: https://www.gadunky.com/

Print instructions

This is designed to be printed with a standard 0.4mm nozzle set to an extrusion width of 0.35mm. It should print ok with your standard slicer setup of 0.4mm or auto, but just be aware the litho was designed with 0.35mm in mind.

Model files



stand-howls_moving_castle-withframe-hdlithophane-.stl



howls_moving_castle-withframe-hdlithophane-gadunk.stl

Find source .stl files on Thingiverse.com

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