3D printing process



* * *

Design

Design your 3D model.

Tinkercad Free online program for 3D design. www.tinkercad.com



Slice

Import your STL file.

Prepare your design for printing, adjust quality settings, wall thickness, infill etc.

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Export as: **G-code** *filename.gcode*

Cura

Free 3D printer slicing application (you need to download and install it). *ultimaker.com/en/products/ultimaker-cura*



Copy your g-code file to an SD card. Insert in 3D printer and start.



3D printing process

Using an extruded 2D design

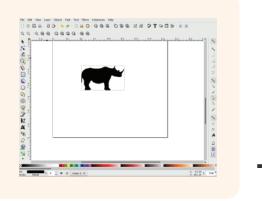


2D Design

Design your 2D vector graphic.

Inkscape

Free vector graphics editor (you need to download and install it). *inkscape.org*



Export as: **SVG** filename.svg

Export as:

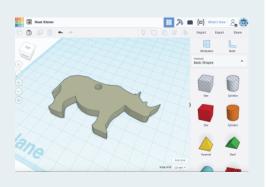
STL filename.stl

3D Design

Import your SVG and complete your 3D model.

Tinkercad

Free online program for 3D design. *www.tinkercad.com*





Slice

Import your STL file.

Prepare your design for printing, adjust quality settings, wall thickness, infill etc.

Cura

Free 3D printer slicing application (you need to download and install it). *ultimaker.com/en/products/ultimaker-cura*

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cur	α.	16.0 x 10.0 x 10			Save to





Print

Copy your g-code file to an SD card.

Insert in 3D printer and start.

