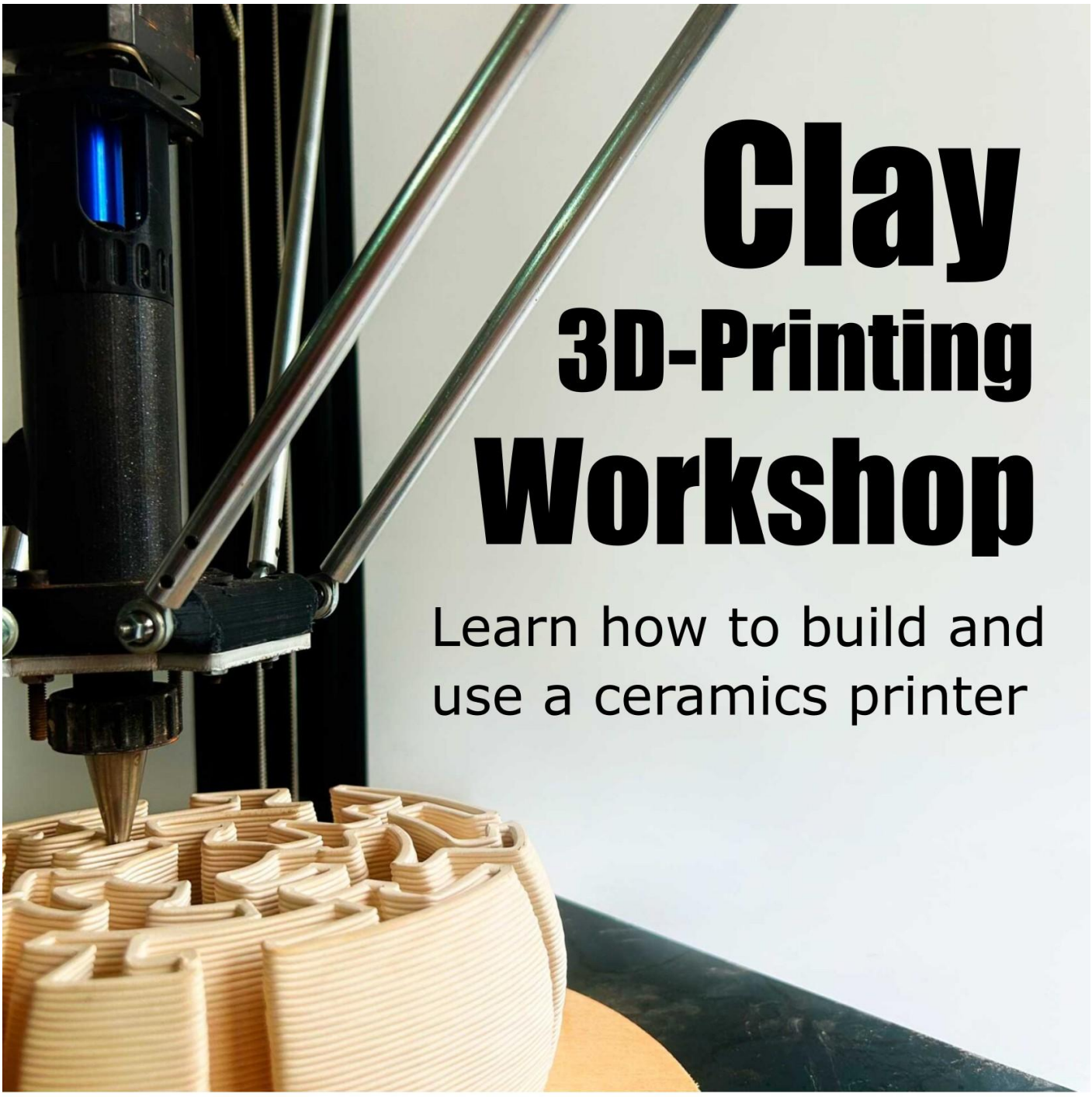
Information and Process

- JetClay Information and Workshop
- Example of a JetClay Process

JetClay Information and Workshop



Clay 3D-Printing Workshop

Learn how to build and use a ceramics printer

Together with Jetclay we are offering a 3-day course on 3D-ceramics printing. We will assemble two Jetclay-Minis (Ø200mm, height=400mm) and teach you how to use them.
We will work in the facilities of the AG Keramik, where we will also fire the prints.

Where: AG Keramik
Haus L
Max-Planck-Ring 6
Aufgang 8c – im Keller
When: 30.10.-01.11.2025

Ilmkubator Lab

JETCLAY ACADEMY

https://kuko-ev.de/ags-und-vereine/ag-keramik/

Documents:

Jetclay Workshop.pdf

EN_dOSIER_Iniciación.pdf

Montageanleitung.pdf

https://jetclayacademy.com/cursos/

Recommended software:

https://ultimaker.com/de/software/ultimaker-cura/

You could also use any other slicing software like

https://www.prusa3d.com/de/page/prusaslicer_424/ or

https://www.orcaslicer.com/

3D-Models:

https://www.thingiverse.com/

https://www.printables.com/

https://www.myminifactory.com/

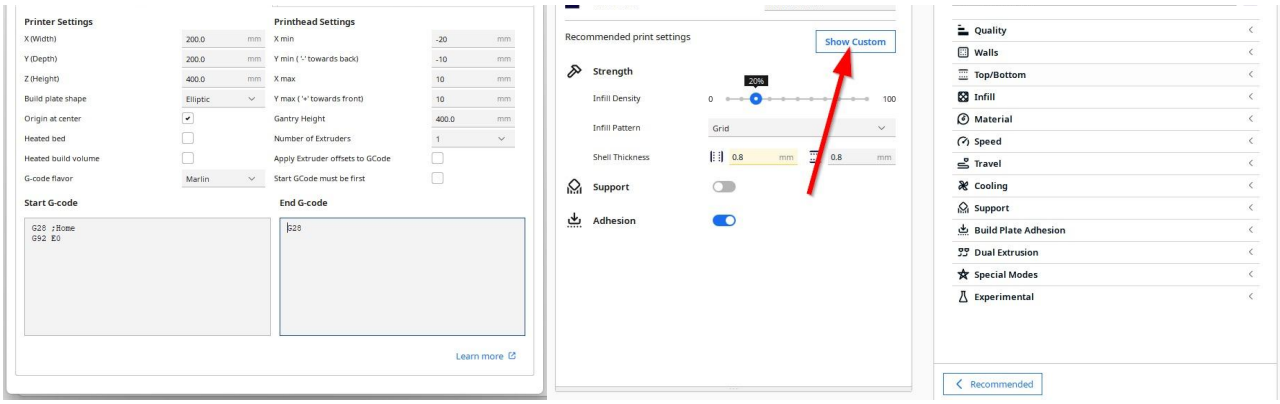
https://sketchfab.com/

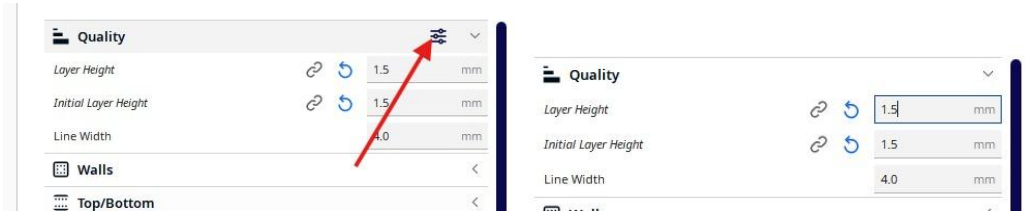
https://thangs.com/

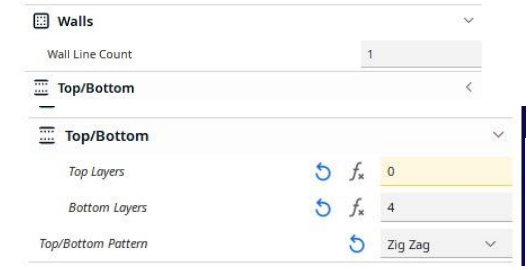
Cura Settings

JetClay MINI - Standard.curaprofile.zip

Images:







https://www.thingiverse.com/thing:126567

cilindro.stl

cubo.stl

Links:

- https://godotstudio.com/

- https://emergingobjects.com/project/gcode-clay/
- https://parametrichouse.com/3d-printing-clay/
- https://www.thingiverse.com/thing:4251952
- https://all3dp.com/1/free-stl-files-3d-printer-models-3d-print-files-stl-download/
- https://www.eufymake.com/blogs/printing-guides/3d-printing-software-for-beginners?srsltid=AfmBOop28OTLrb6zxCrToxfmc8K-zclnv2ciWLWvKhinocn4vmkhUfAC
- https://old-advancedtechnology.architecture.yale.edu/clay-3d-printing-design-guide
- https://www.eazao.com/blog/ceramic-3d-printing-with-grasshopper/
- https://3dprinting.com/environmental/saving-hong-kongs-coral-reefs-with-3d-printed-clay-tiles/
- https://www.instructables.com/Ceramic-Printing-3D-Print-an-Interior-Clay-Structu/
- https://www.potterware.com/
- https://3dspro.com/resources/blog/3d-printed-vase
- https://www.3dwasp.com/en/3d-printed-ceramic-tiles-for-wall-cladding-wasp-residency/
- https://www.artsyshark.com/2020/12/04/featured-artist-brian-peters/
- https://oliviervanherpt.com/3d-printing-ceramics/
- https://www.fabbaloo.com/2016/07/van-herpts-incredible-ceramic-3d-printer
- https://www.burg-halle.de/lehrangebot/l/herbstsession-2020-keramik-3d-druck-einfuehrungskurs
- https://www.3dwasp.com/en/3d-printing-ceramic-furniture-and-design-products-with-keramik/
- https://www.vecteezy.com/photo/61900904-intricate-3d-printed-sculptures-with-organic-design
- https://www.3dwasp.com/en/3d-printed-sensory-ceramic-garden-for-chelsea-flower-show/
- https://www.merlin-living.com/3d-printing-vase-modern-art-ceramic-flower-home-decor-merlin-living-product/
- https://www.domestika.org/de/courses/3459-einfuhrung-in-3d-druck-mit-keramik
- https://mainifesto.com/ceramic-parametrics-fluid-forms-cast-from-3d-printed-molds/
- https://parametric-architecture.com/studio-rap-made-a-3d-printed-ceramic-facade-for-a-store-in-amsterdam/?srsltid=AfmBOoq4tv-5CRzs5MXCOvJFQFGv81TizOlK3Z_Oc4lpEmXsIvWBIv0m
- https://paacademy.com/blog/ceramic-3d-printing
- https://www.3dwasp.com/en/3d-printed-cooling-system-in-ceramic-terramound/
- https://www.humanparametricdesign.com/ceramic

- https://www.printedpots.co.uk/knot/#expanded
- https://3dpotter.com/
- https://www.youtube.com/watch?v=RAV-raH-iRA
- https://www.shammas.xyz/projects/woven-clay/
- https://www.youtube.com/watch?v=1MpZjdhjNBQ
- https://liberalarts.tulane.edu/art/studio-art/facilities/digital-ceramics-lab
- https://vormvrij.nl/3dclayprinting/?p=1423
- https://draganddrop.design/blogs/journal/3d-printing-with-clay-merging-craft-with-digital-innovation?srsltid=AfmBOoqQBQhCIOCG3Ume8a0DrM34_yUq-E9mdJLs3rM2LRSVWgMGKCmn
- https://3dprinting.com/news/artists-prints-clay-sculptures-to-resemble-textiles/
- https://parametric-architecture.com/brick-by-bit-redefines-clay-bricks-with-3d-printing/
- https://www.youtube.com/watch?v=Ob-1zw3UkUQ
- https://www.youtube.com/watch?v=VxNzo3ckVOo
- https://www.youtube.com/watch?v=gbrolg3NEoA
- https://design-milk.com/artist-jonathan-keep-sculpts-pottery-using-ceramic-3d-printer/
- https://www.3dwasp.com/en/ceramic-3d-printing-wasp-clay/
- https://www.youtube.com/watch?v=uuVGNSNaOjk
- https://www.youtube.com/watch?v=TF-vyjGUR0s
- https://www.youtube.com/watch?v=XMu-rgXZRCI
- https://www.youtube.com/watch?v=ZPUFKKcQ9ls
- https://makezine.com/article/digital-fabrication/3d-printing-workshop/3d-printing-ceramics-self-built-3d-printer/
- https://oliviervanherpt.com/3d-printing-ceramics/

Example of a JetClay Process

Here you can find a complete JetClay process as an example (complete process).