

New Approaches with Ceramic Profile Extrusion

Center For Print Research
University of the West of England, Bristol

Project funded by the Arts and Humanities Research Council



Centre For Print Research



ceramics in architecture: our heritage





Press Moulding (by hand)



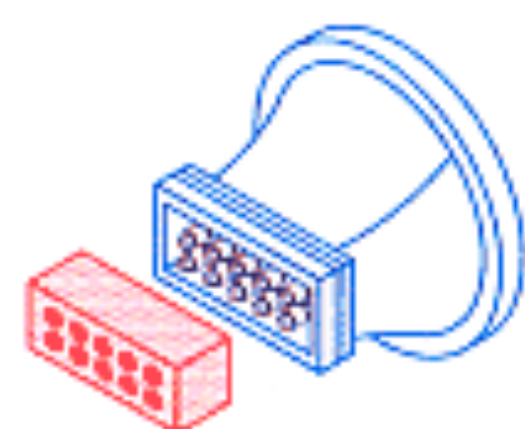
Die Pressing (mechanical)



Slipcasting



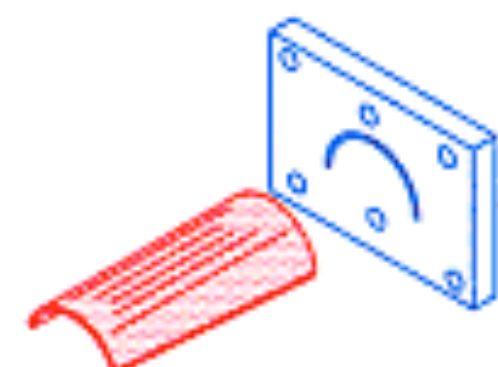
Extrusion



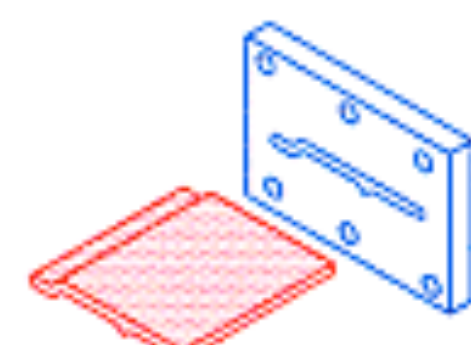
TEN HOLE CORED



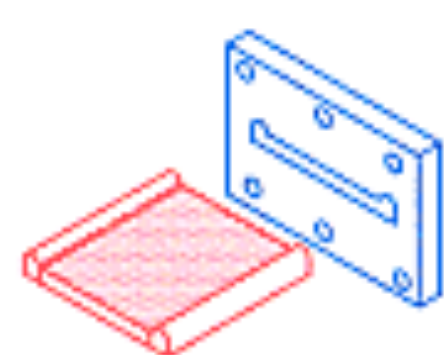
STANDARD BRICK



STANDARD MISSION (PCP)



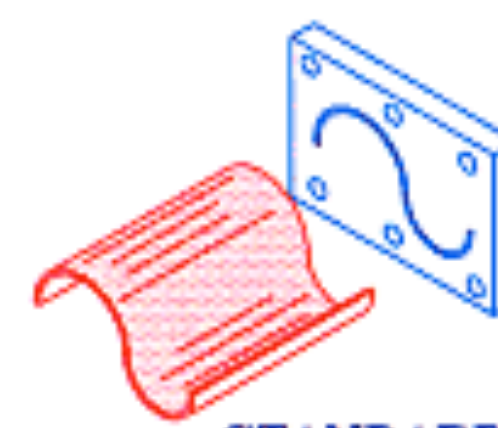
FLAT ROOF TILE



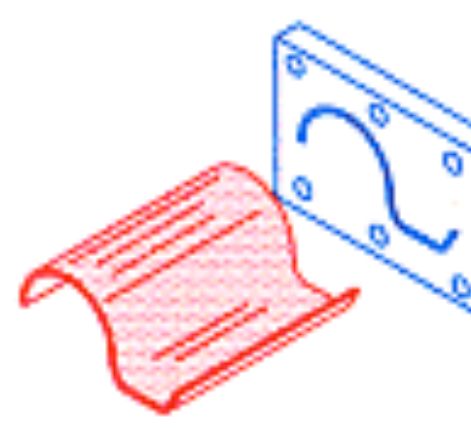
FLOOR TILE



BLOCK



STANDARD "S" TILE



FLAT "S" TILE



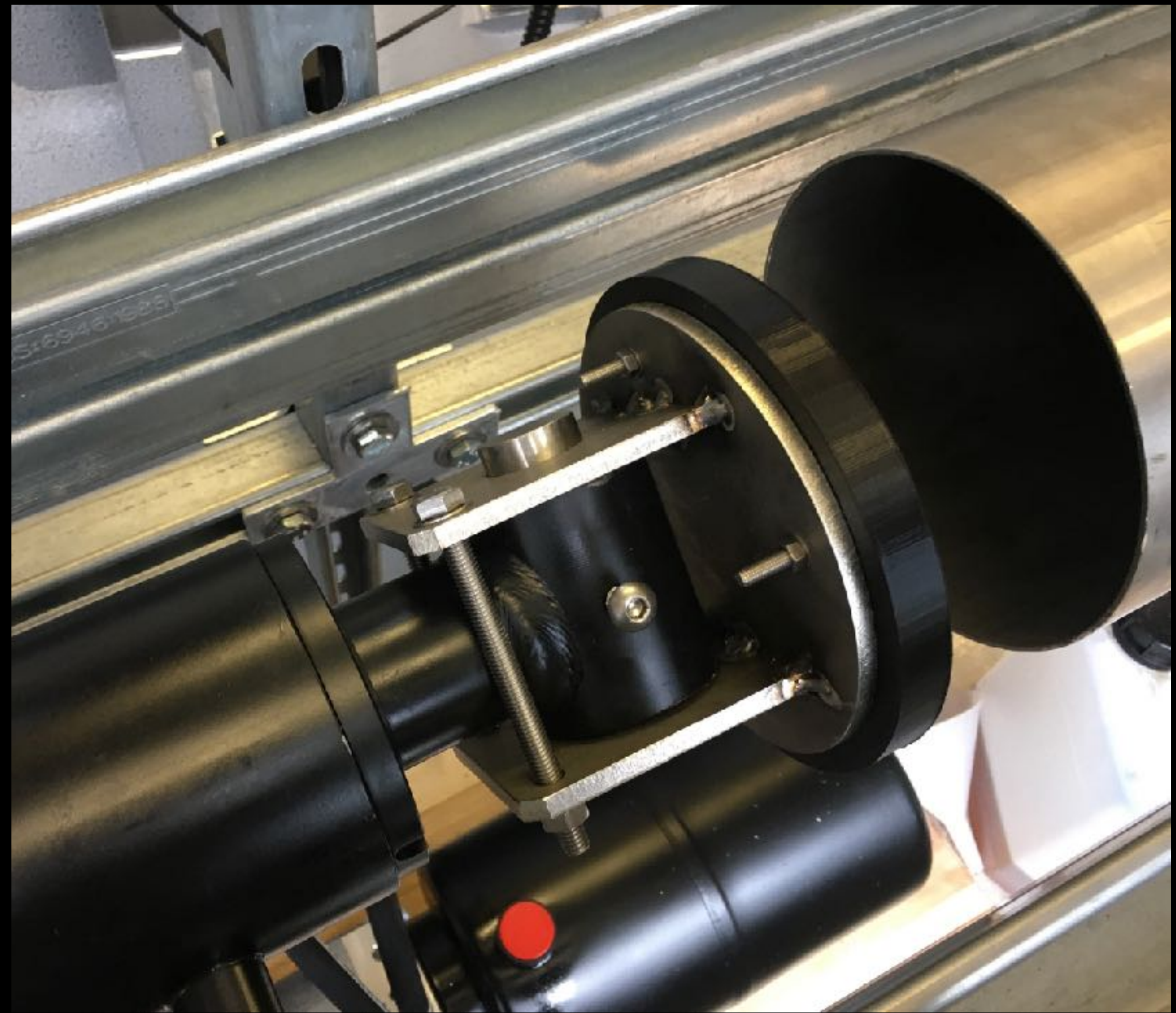






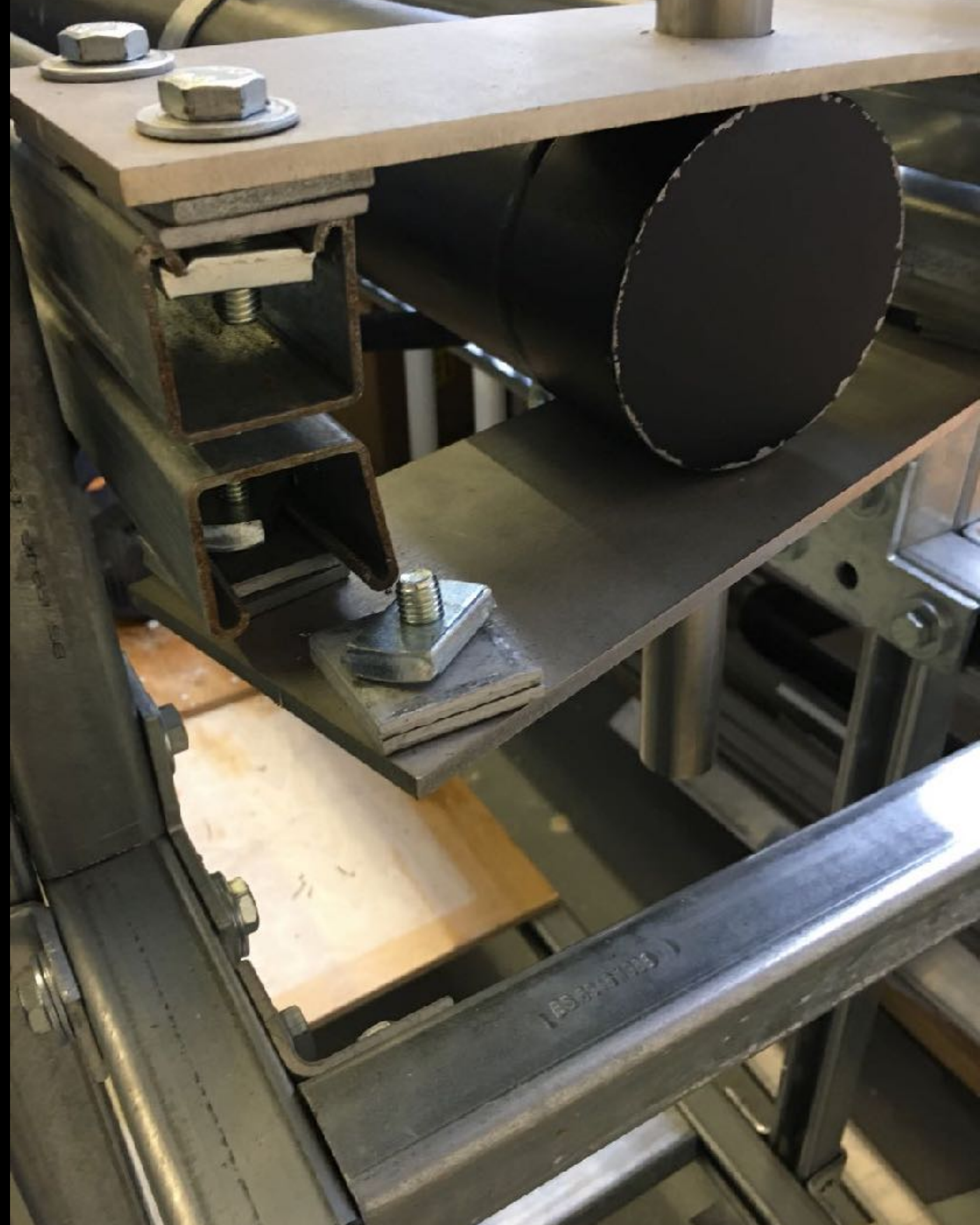


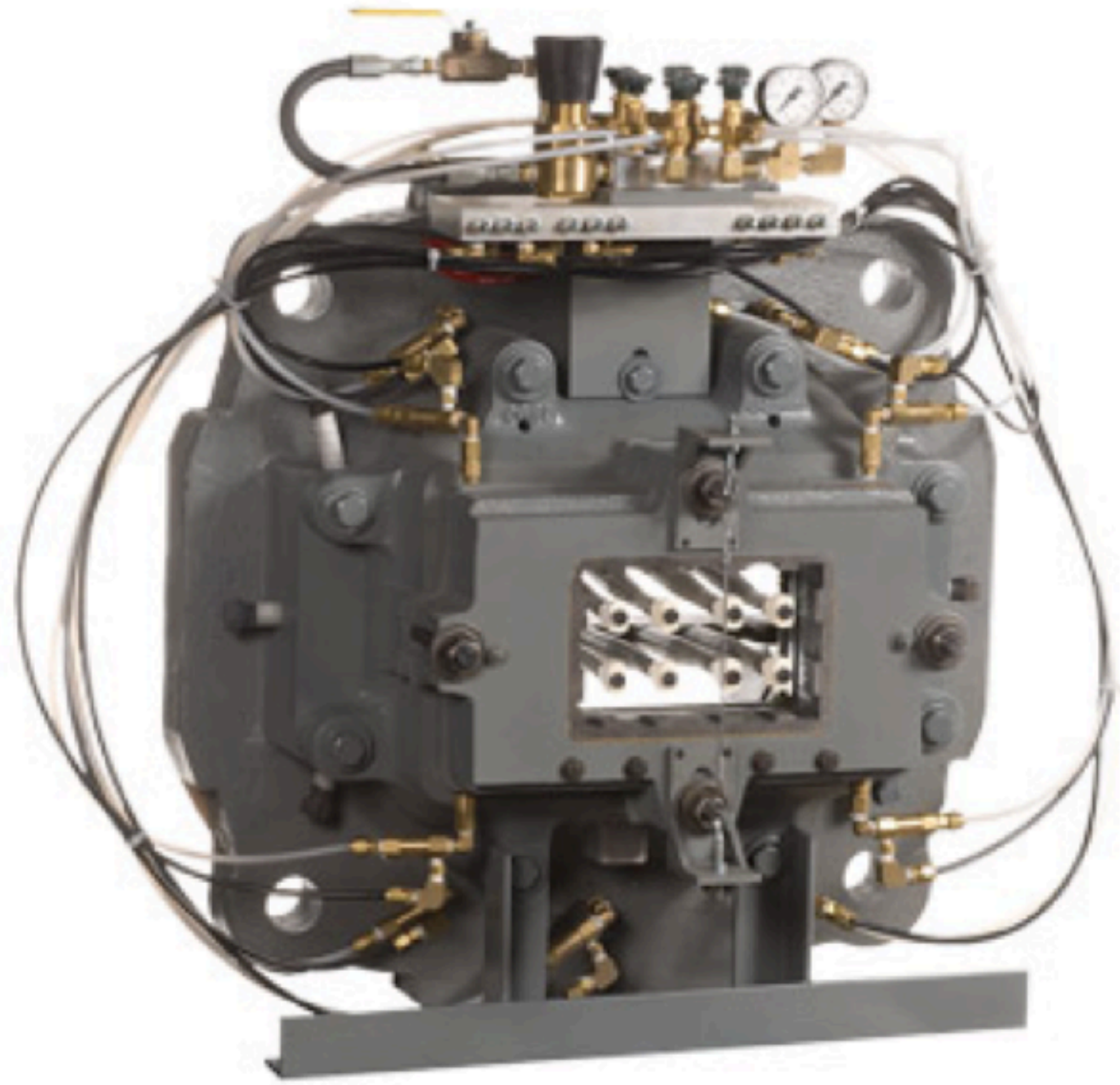






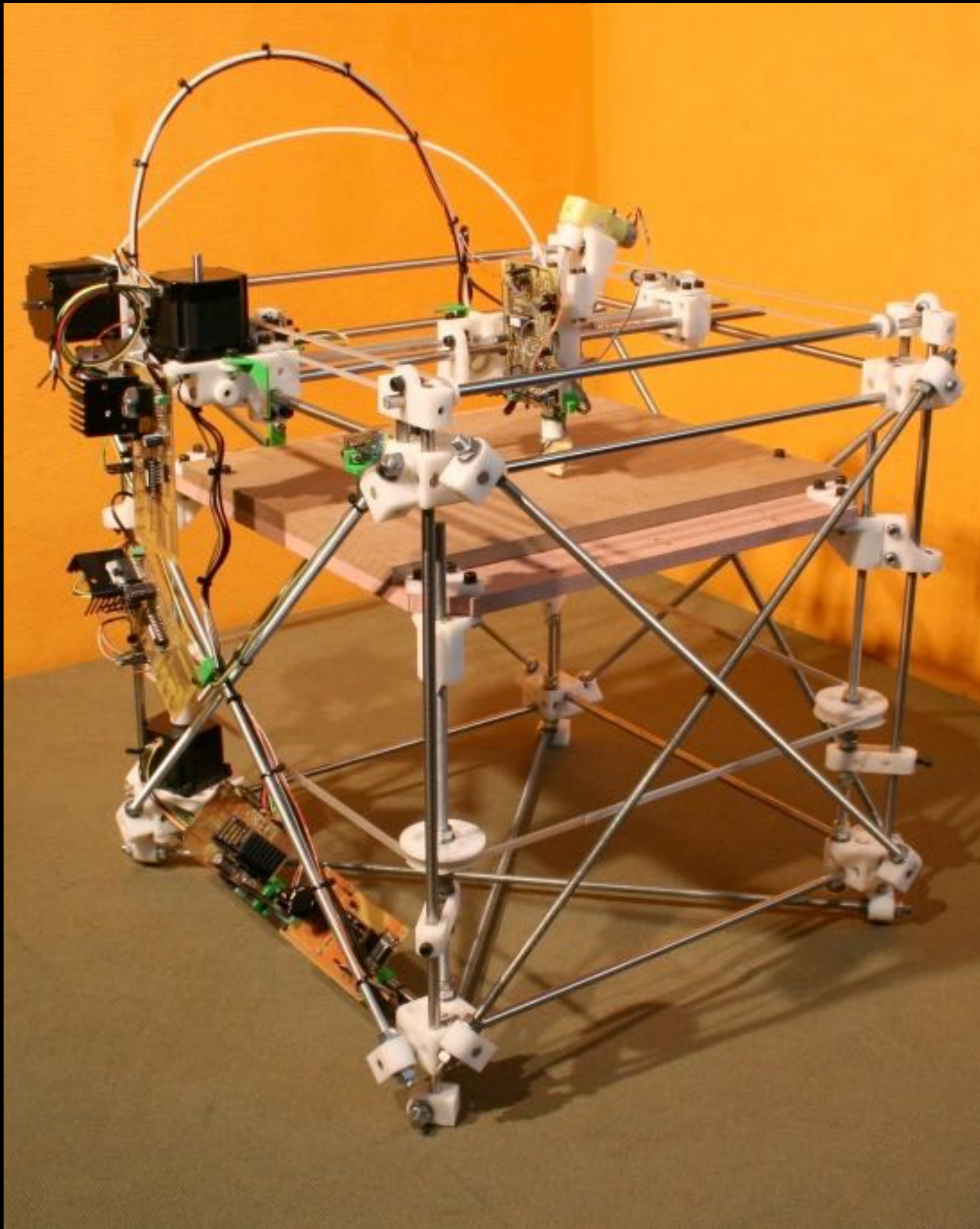
Commercial
CRATE HIRE
www.commercialcrateshire.co.uk
01203 254 100



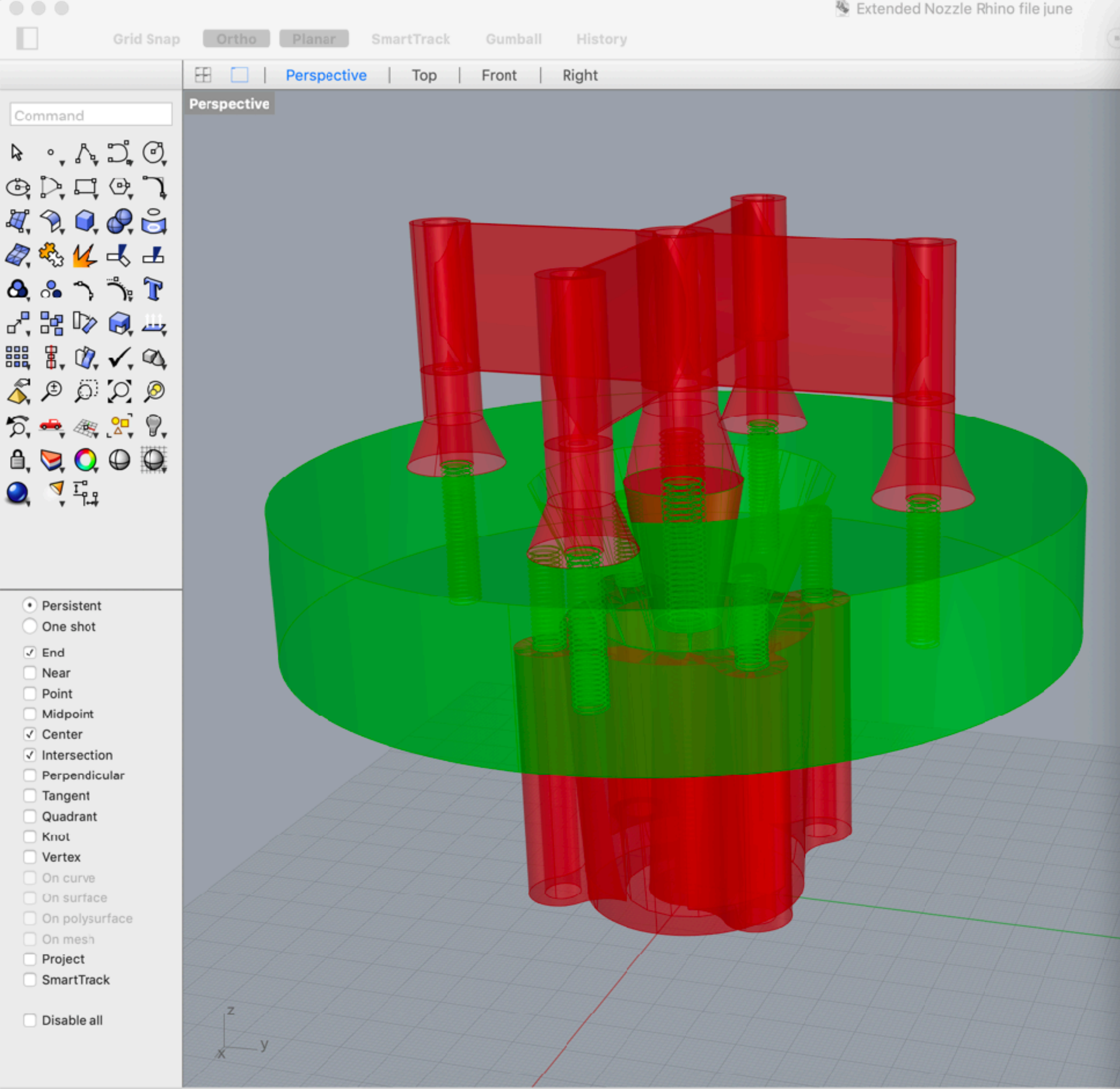


Extrusion Dies

3D Printing: New Industrial Revolution



The REPRAP - open source Rapid Prototyping Project
Andrian Bowyer, University of Bath 2006



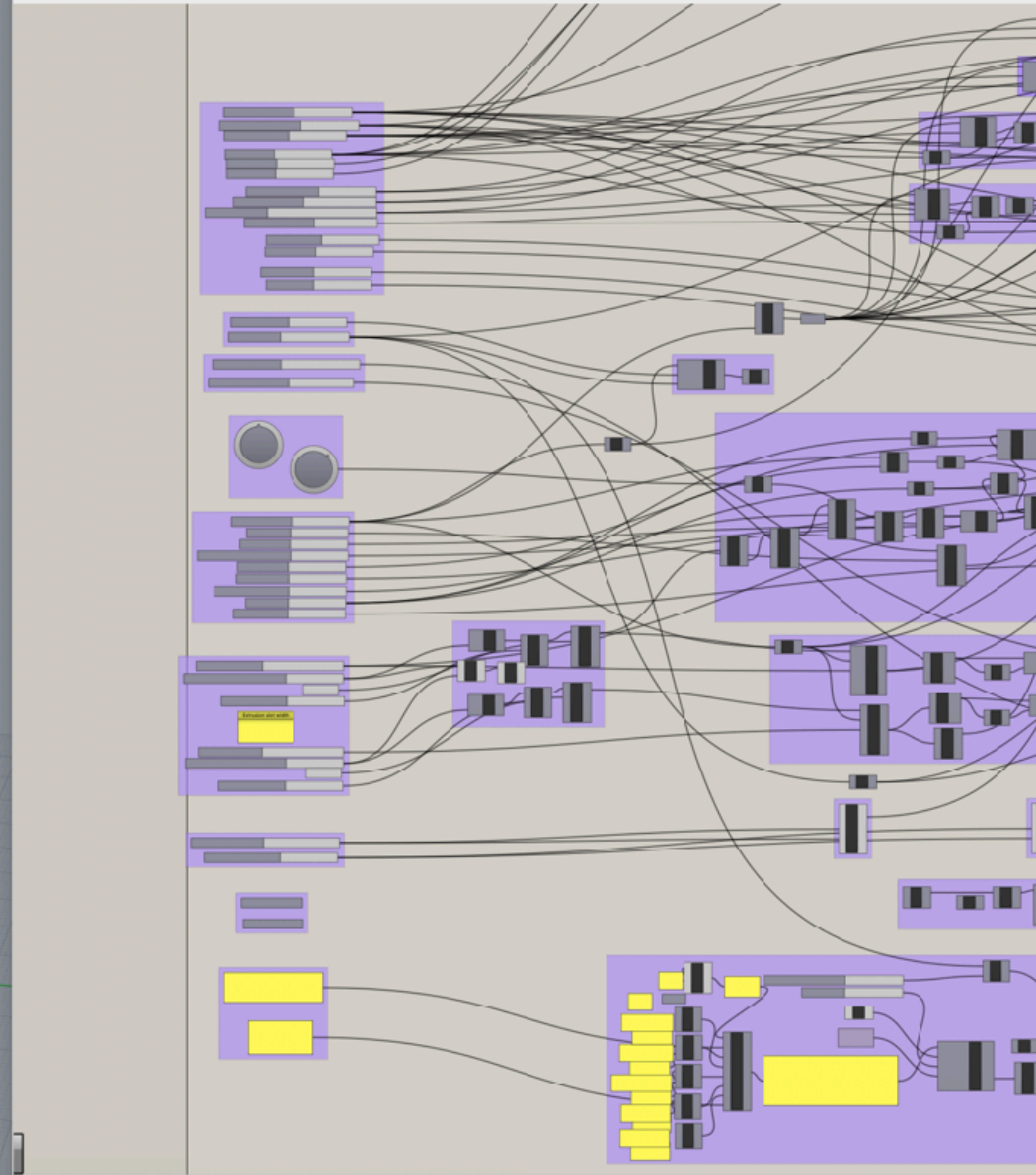
Command



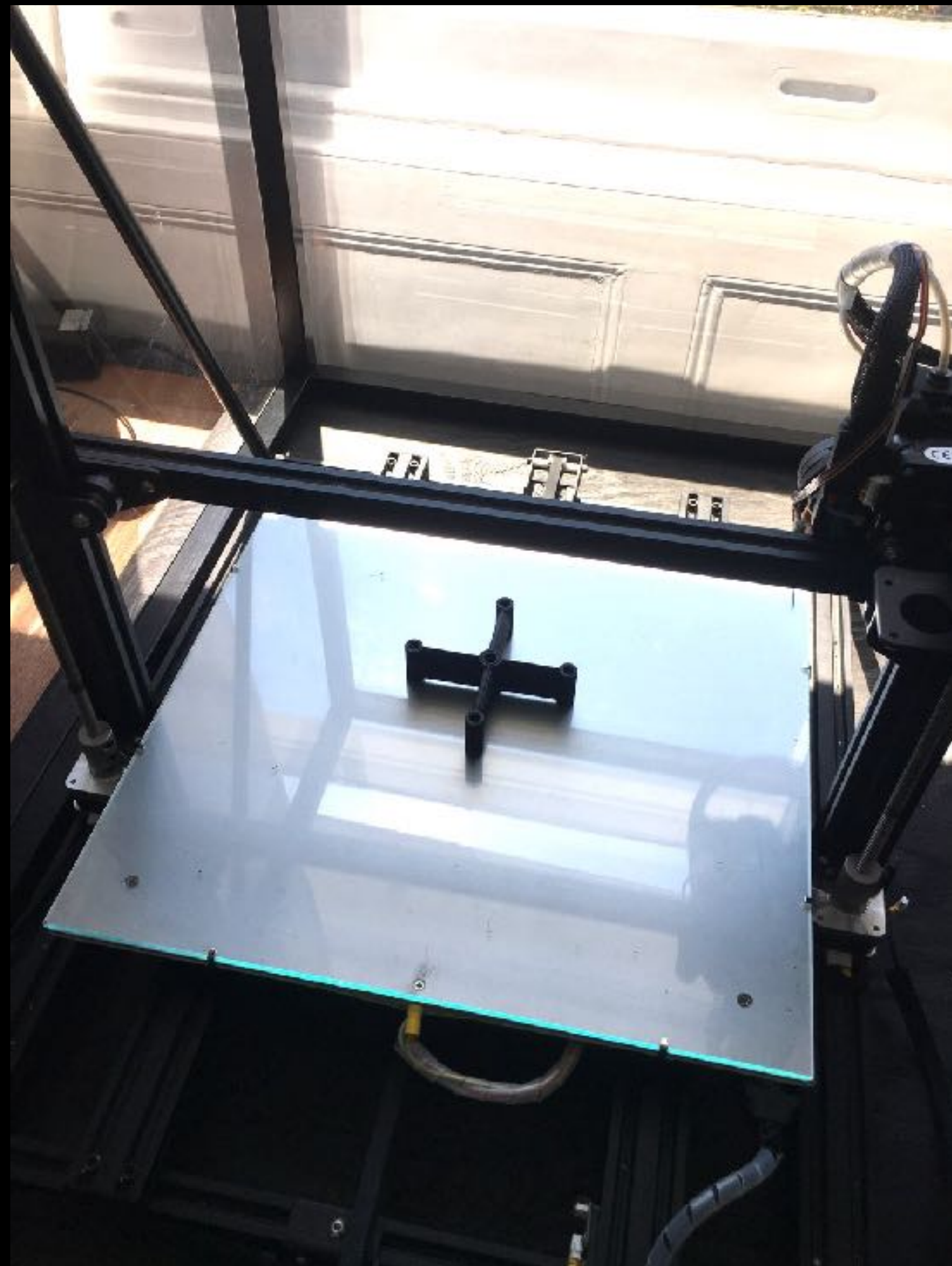
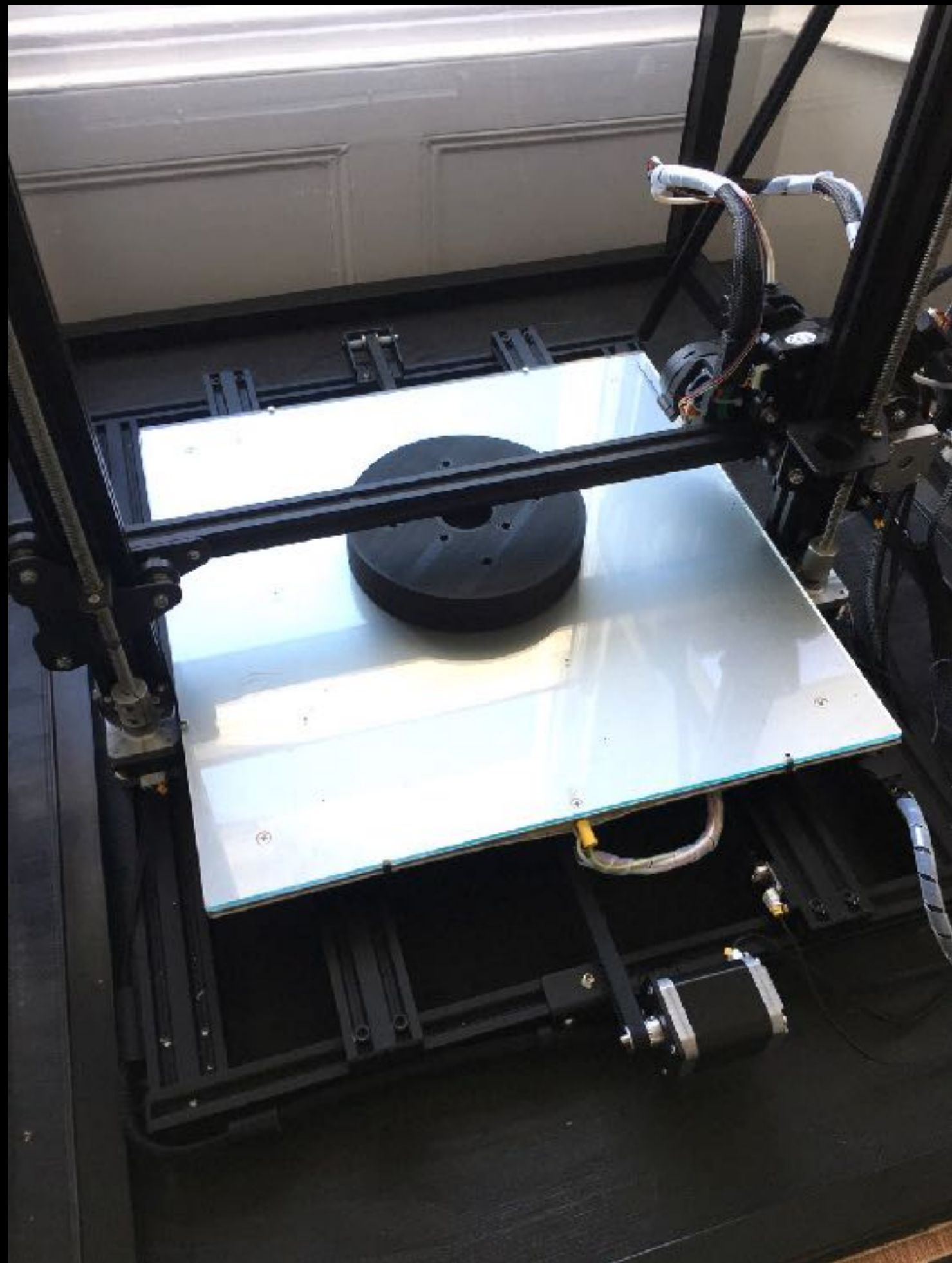
- Persistent
- One shot
- End
- Near
- Point
- Midpoint
- Center
- Intersection
- Perpendicular
- Tangent
- Quadrant
- Knot
- Vertex
- On curve
- On surface
- On polysurface
- On mesh
- Project
- SmartTrack
- Disable all



32% [Refresh] [Eye] [Fire]



Solution completed in ~16.9 seconds (60 seconds ago)

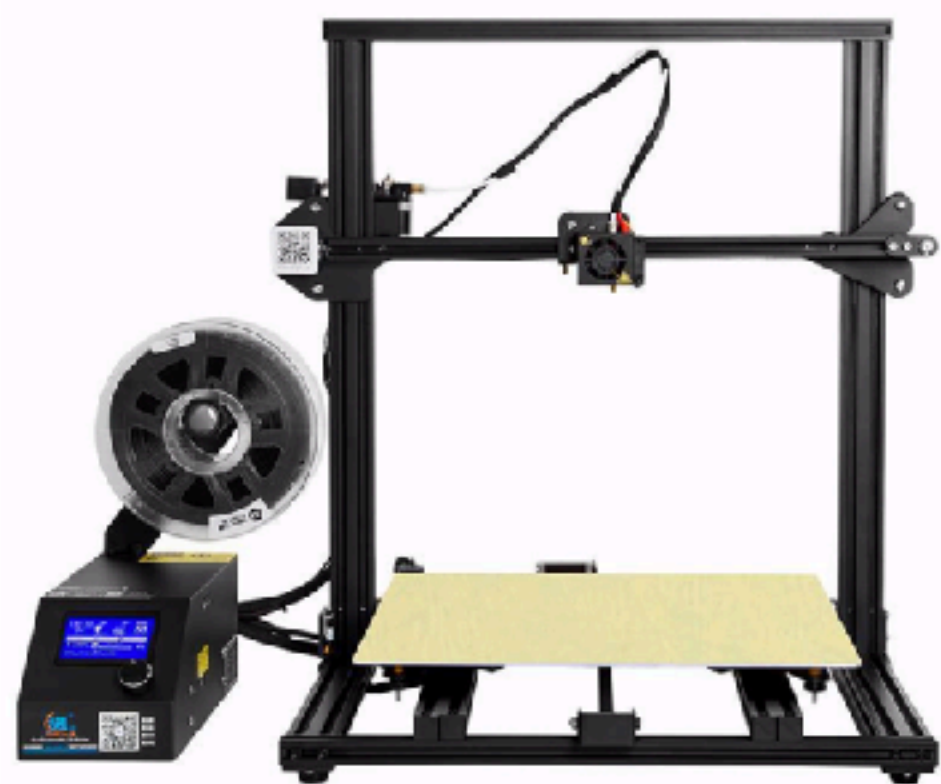


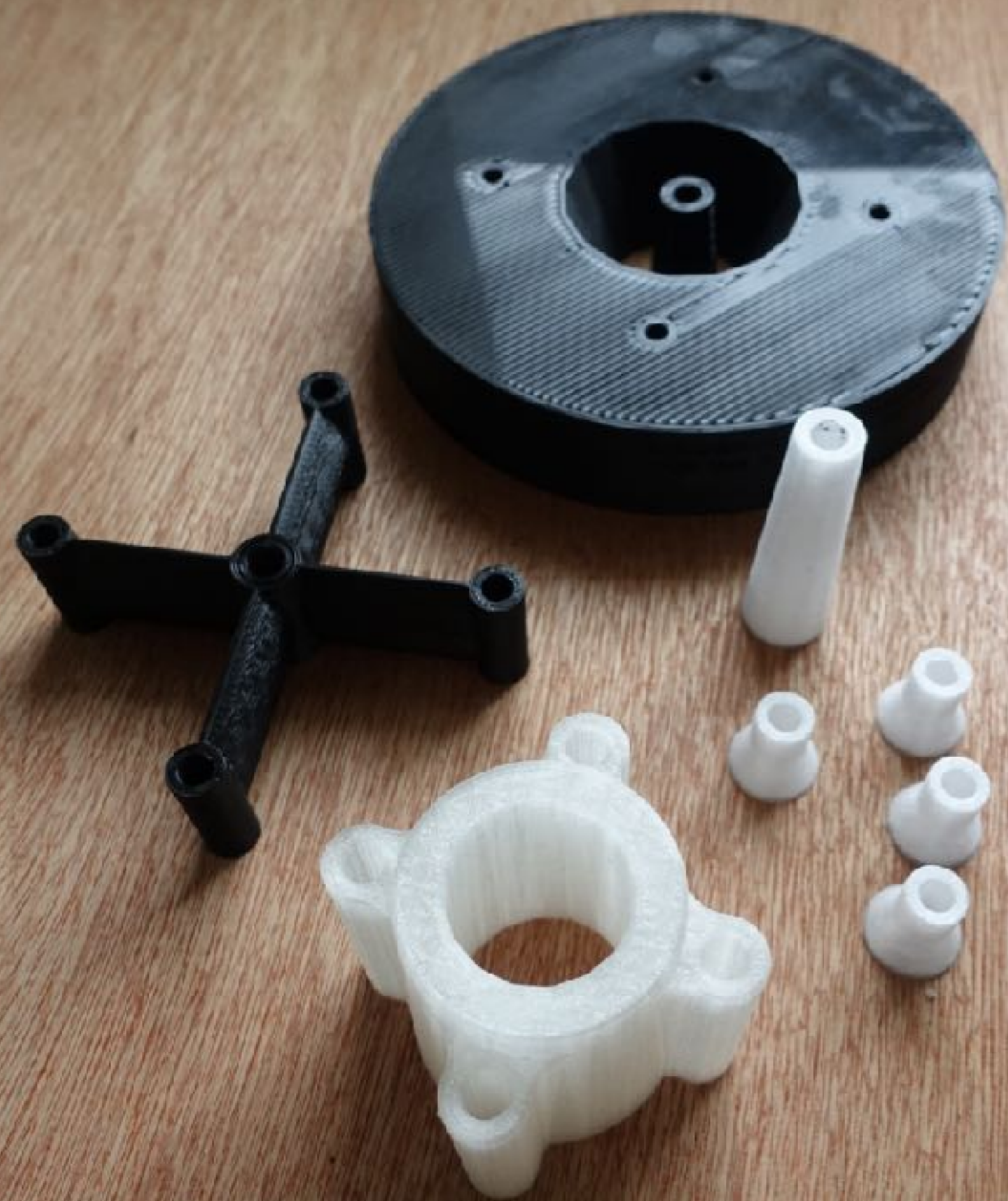
CREALITY

**Creality3D
Printer Large
400x400x400
(Color)**

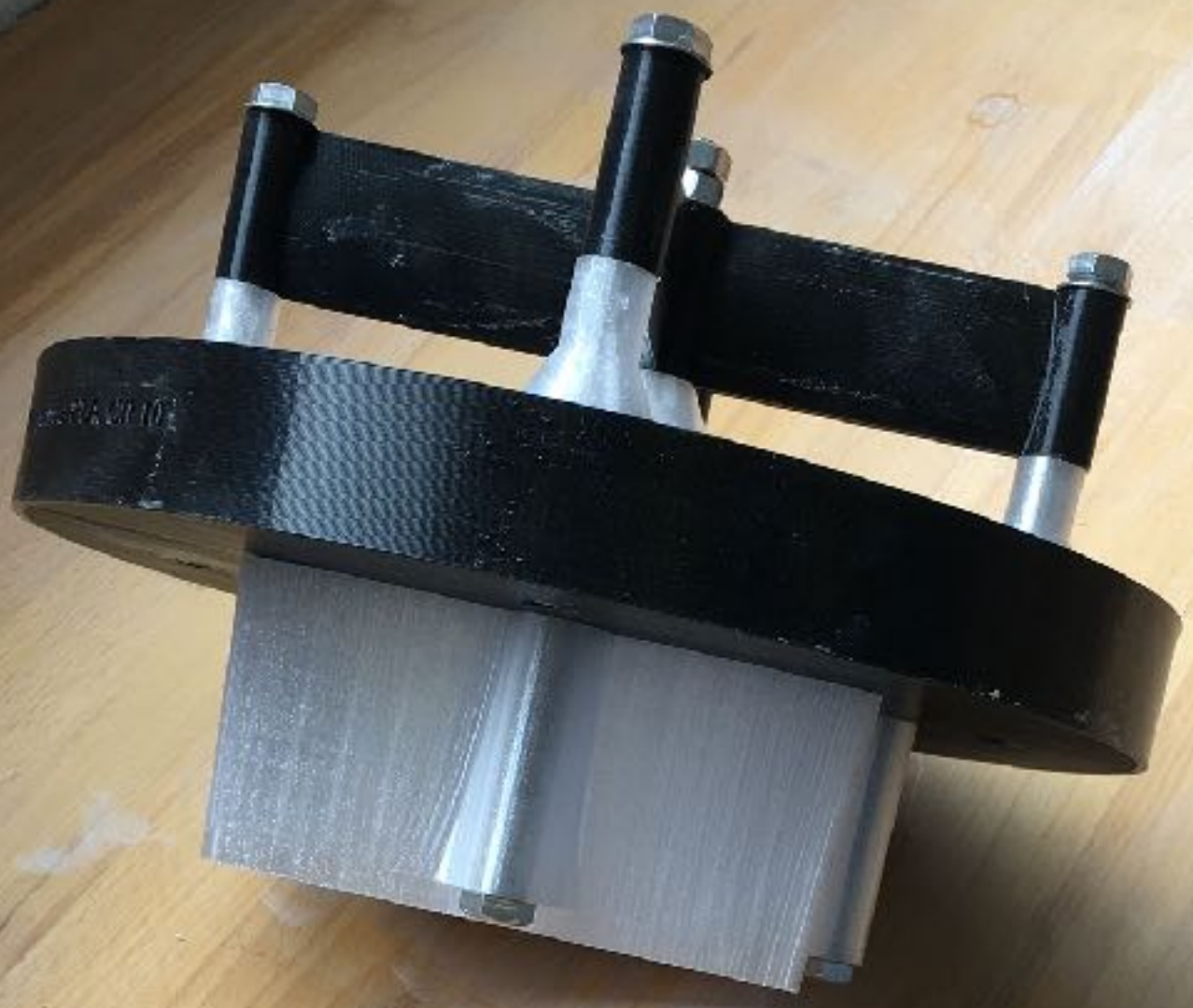
CREALITY 3D
~~€599,00~~ €509,99 Sale

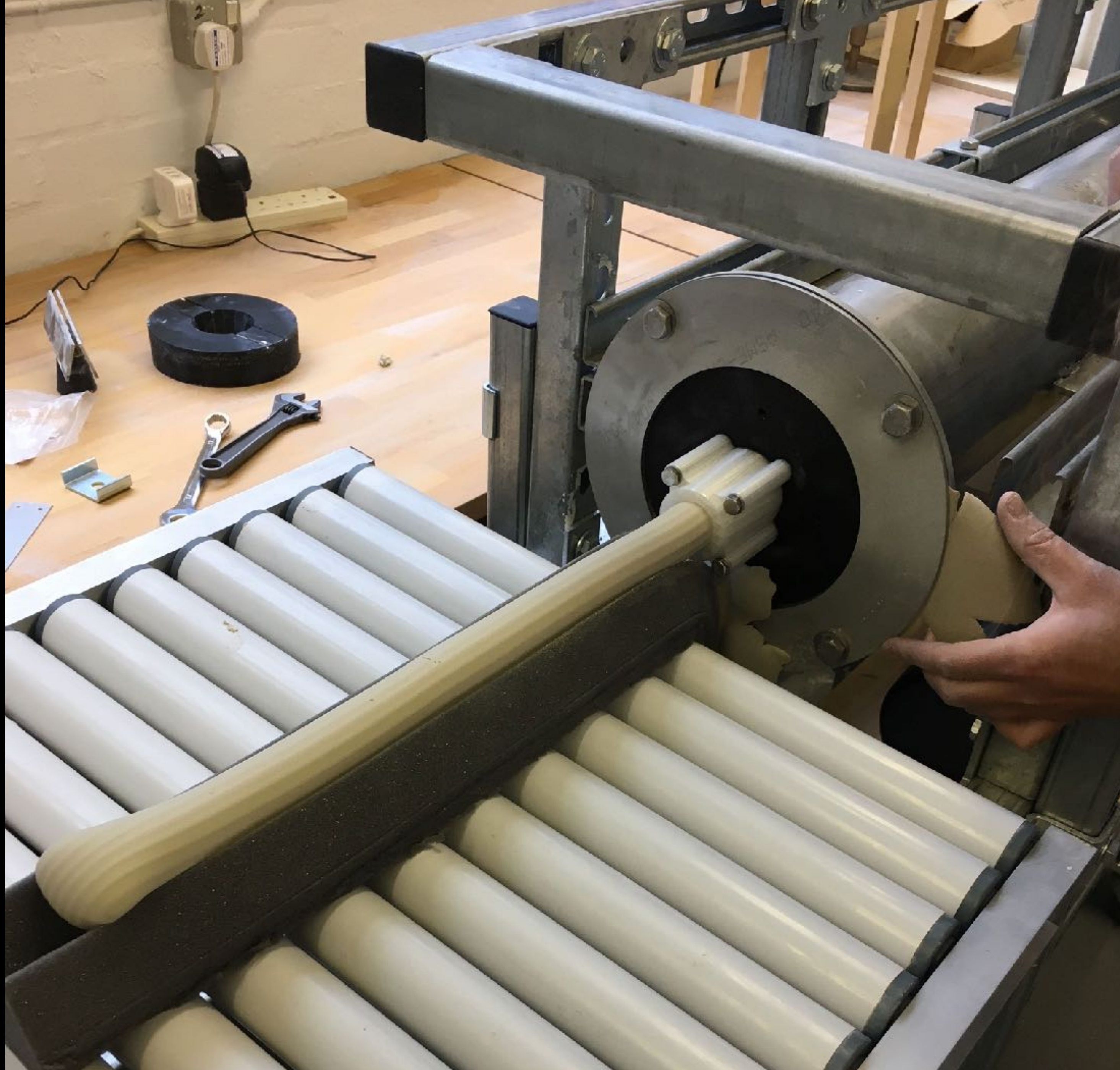
Warehouse
EU (In Stock)



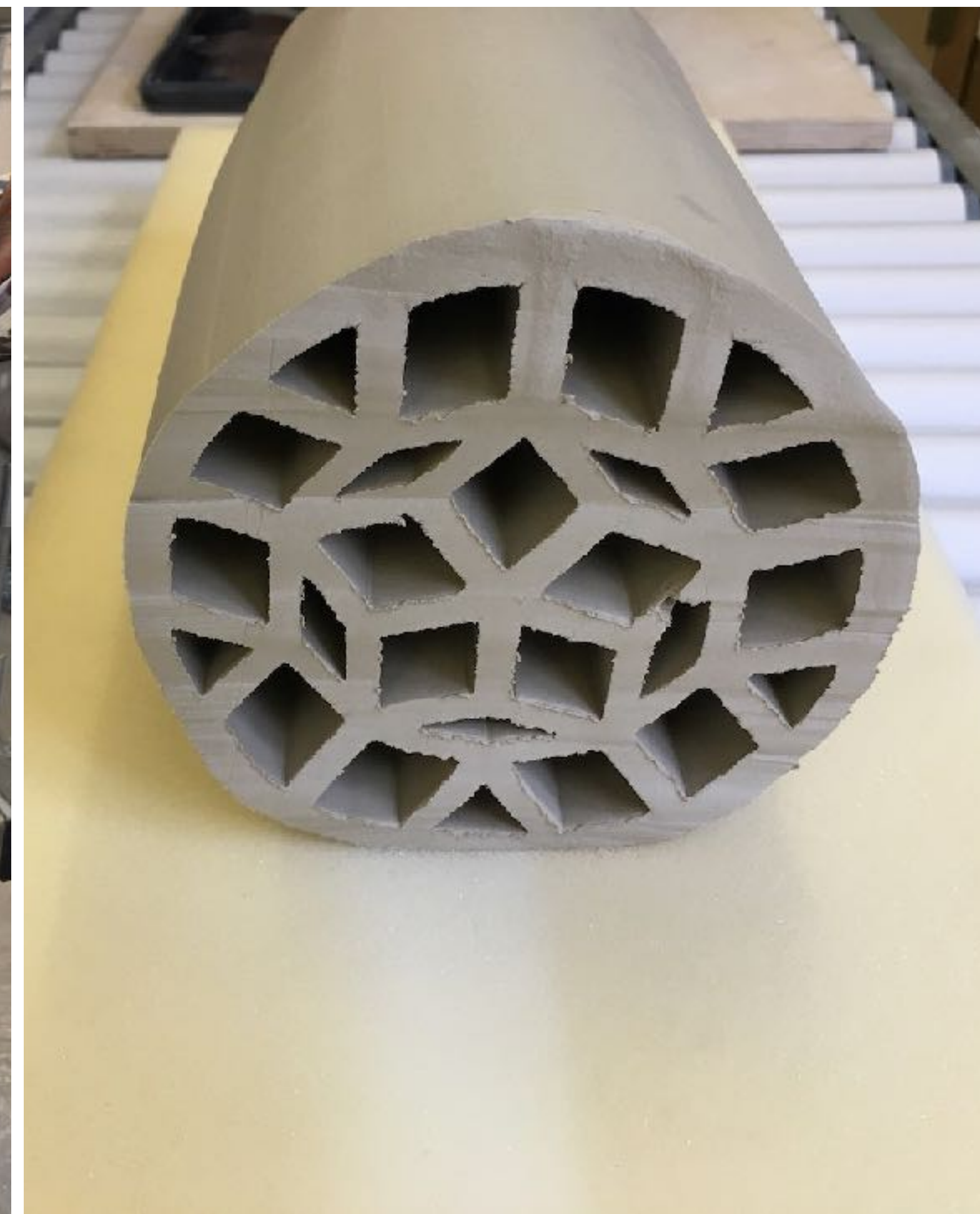
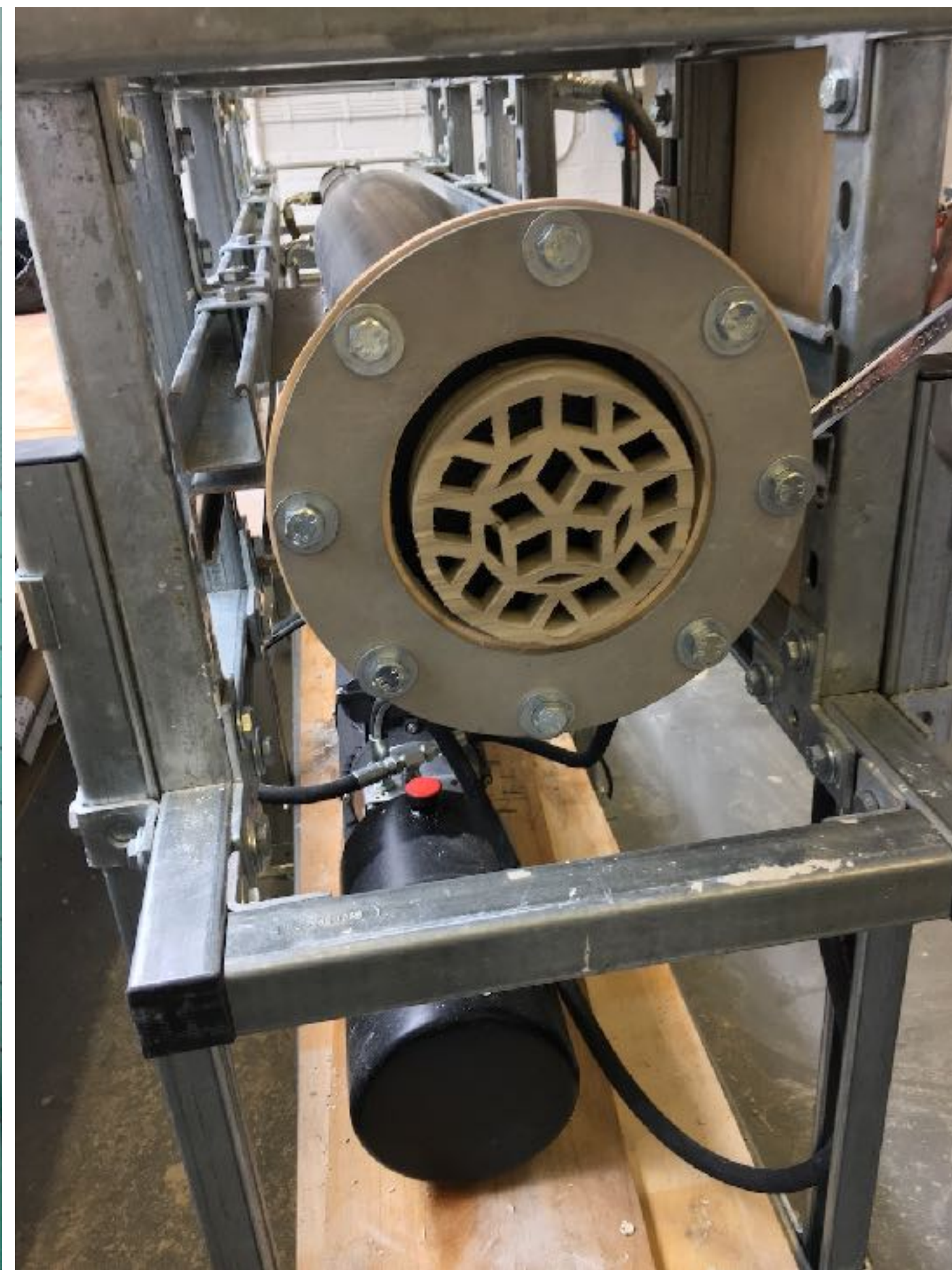
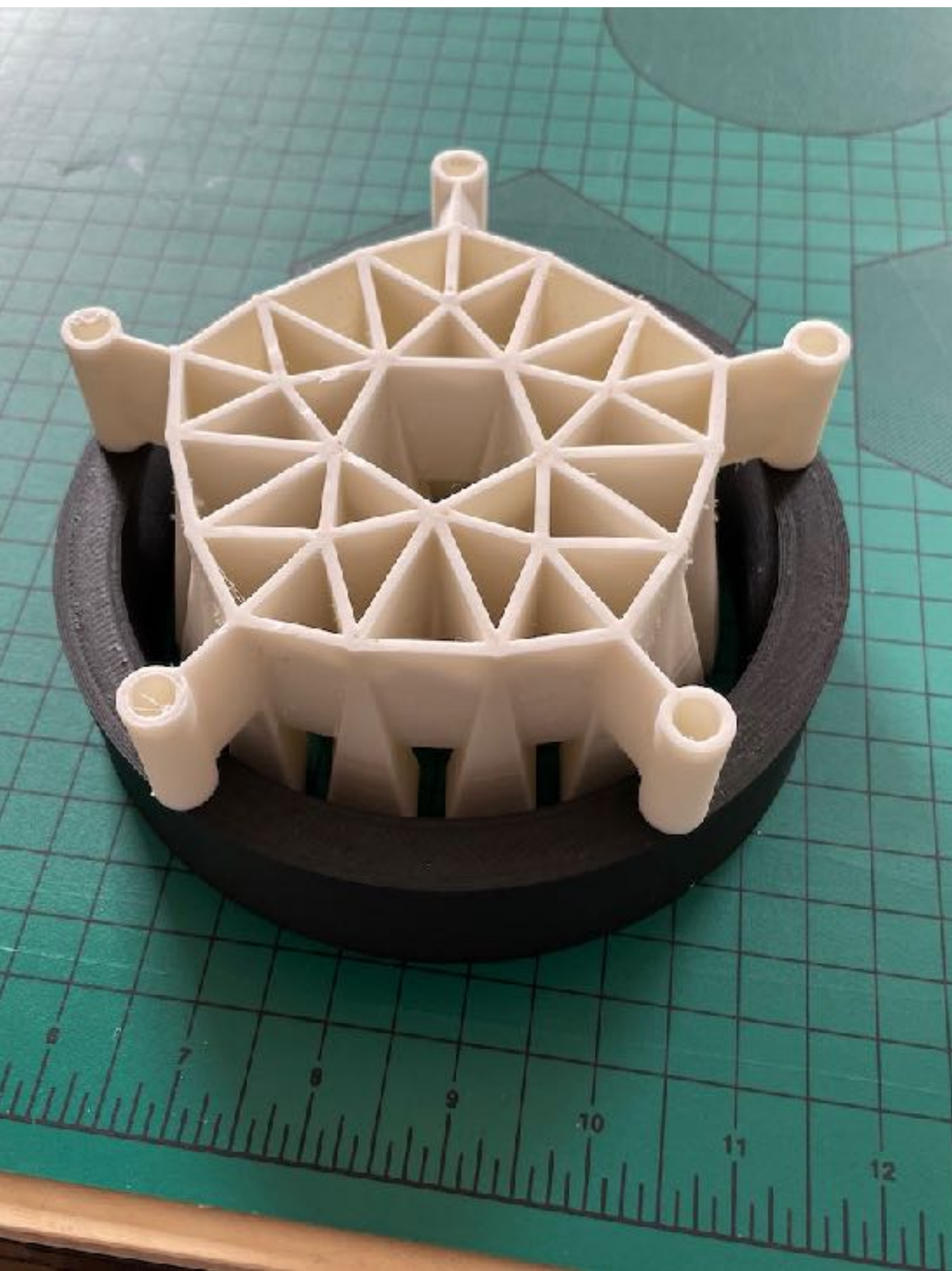


ON 10 W.P. 330 BAR M
VINCKE









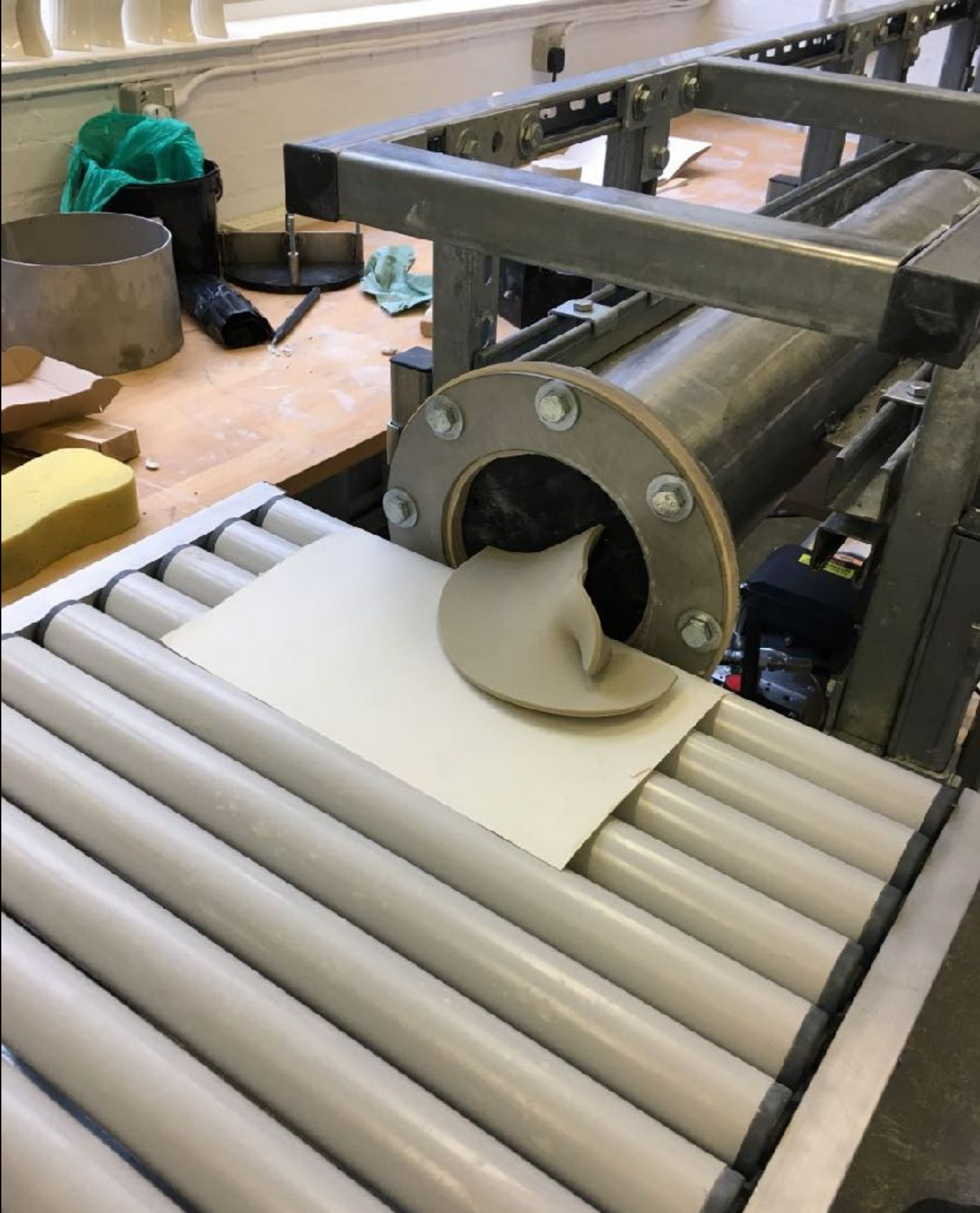
3D printed multicore extrusion die



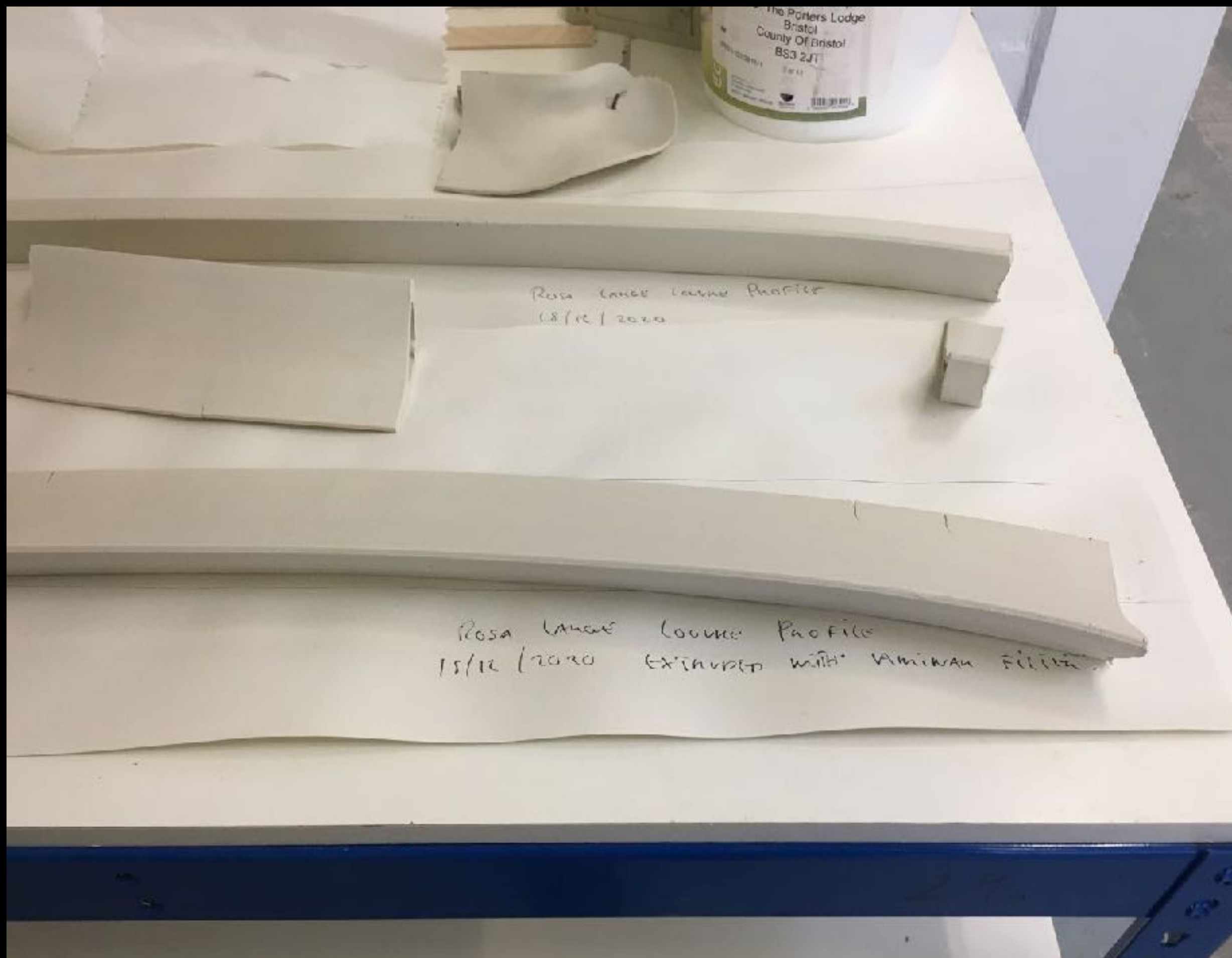
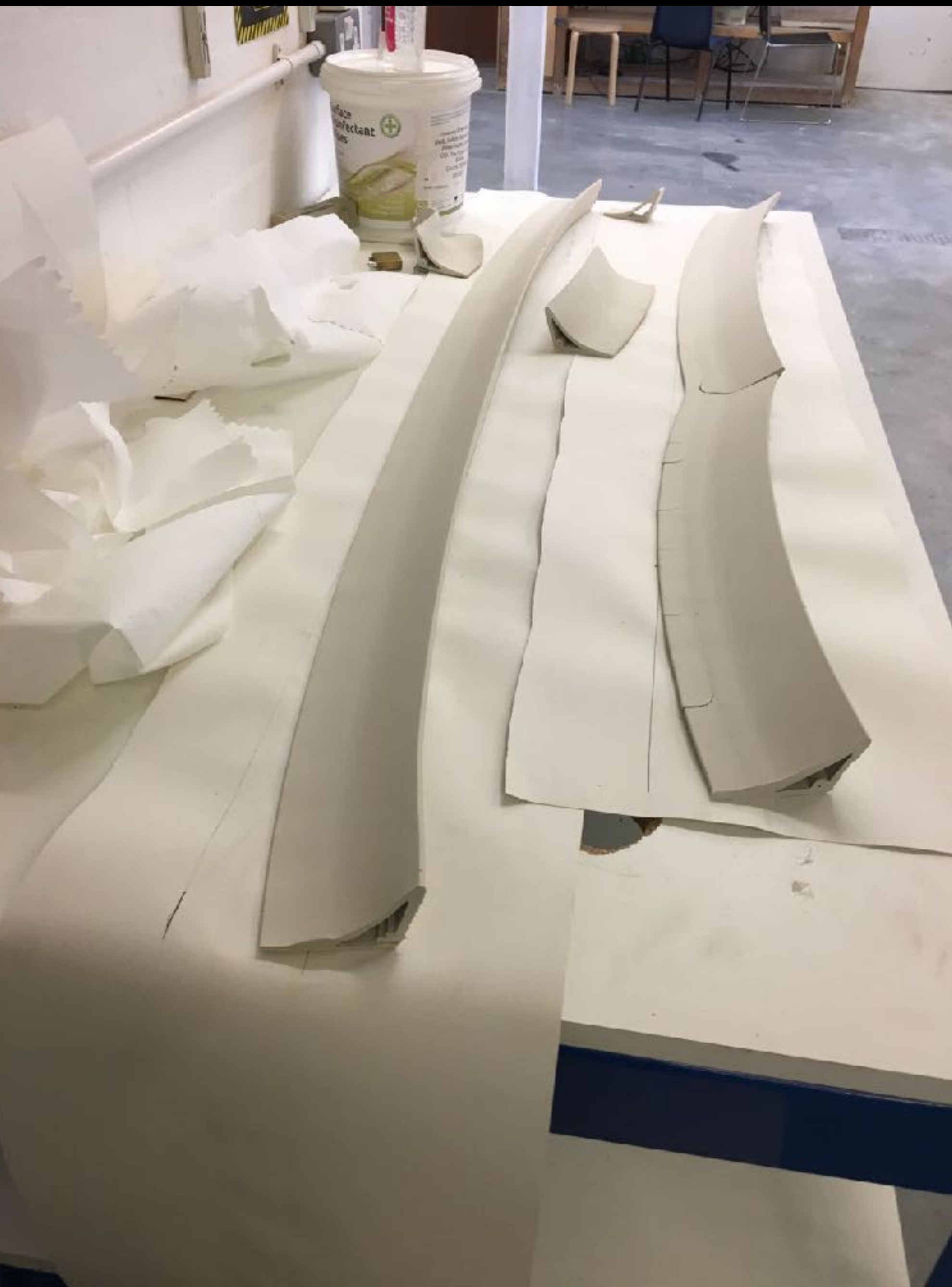


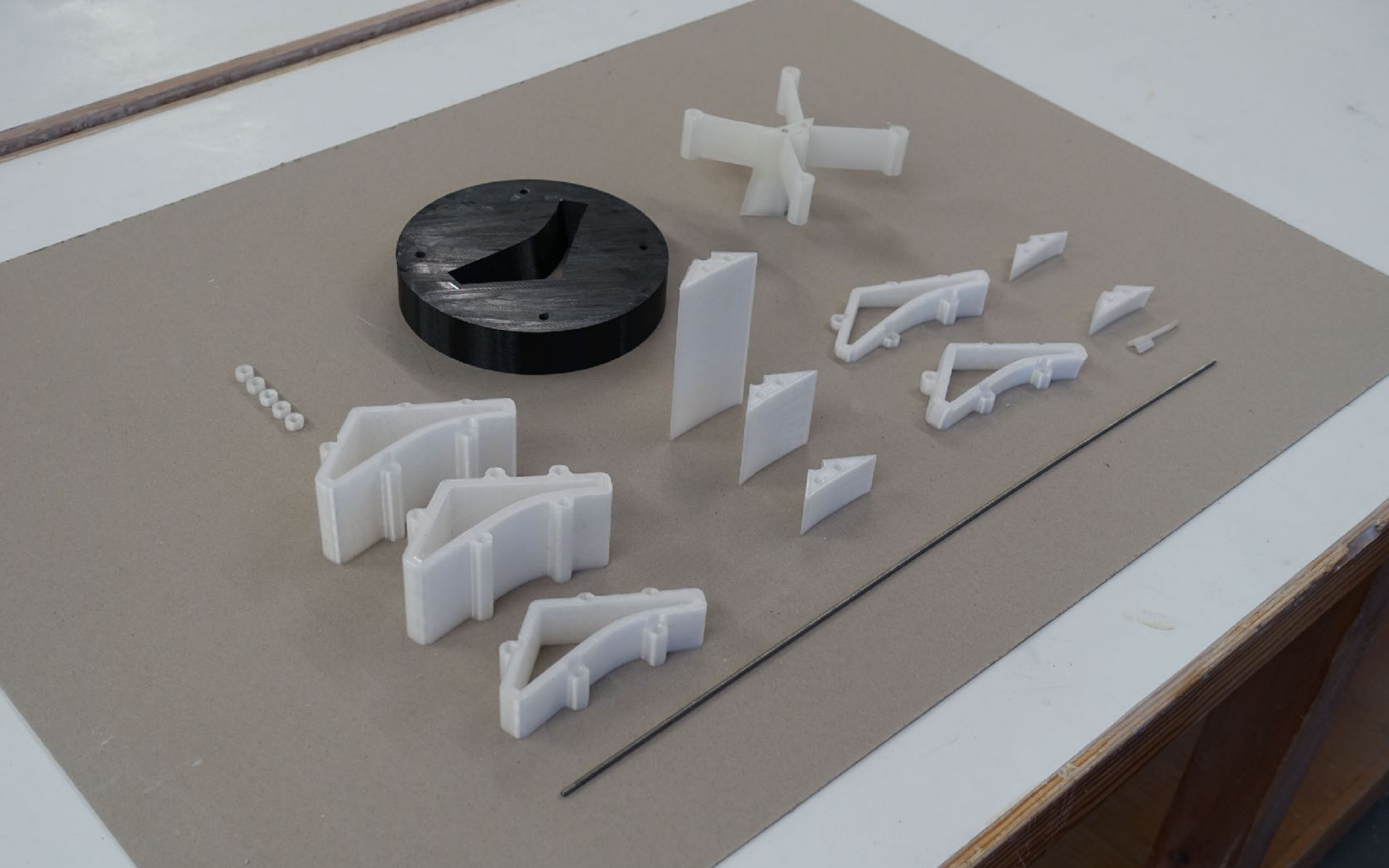


Production of ceramic louvres - collaboration with architect Rosa Urbano Gutierrez

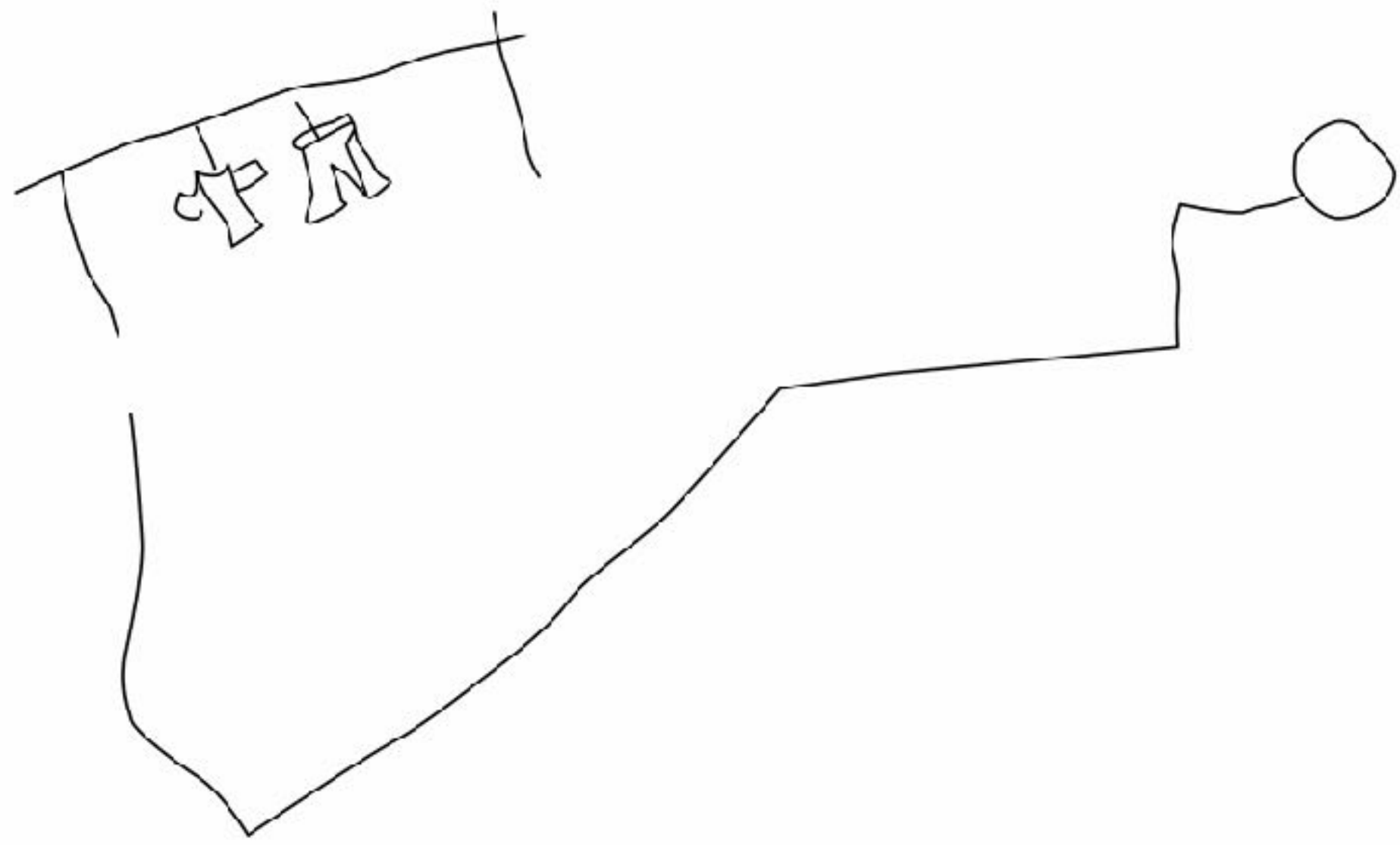






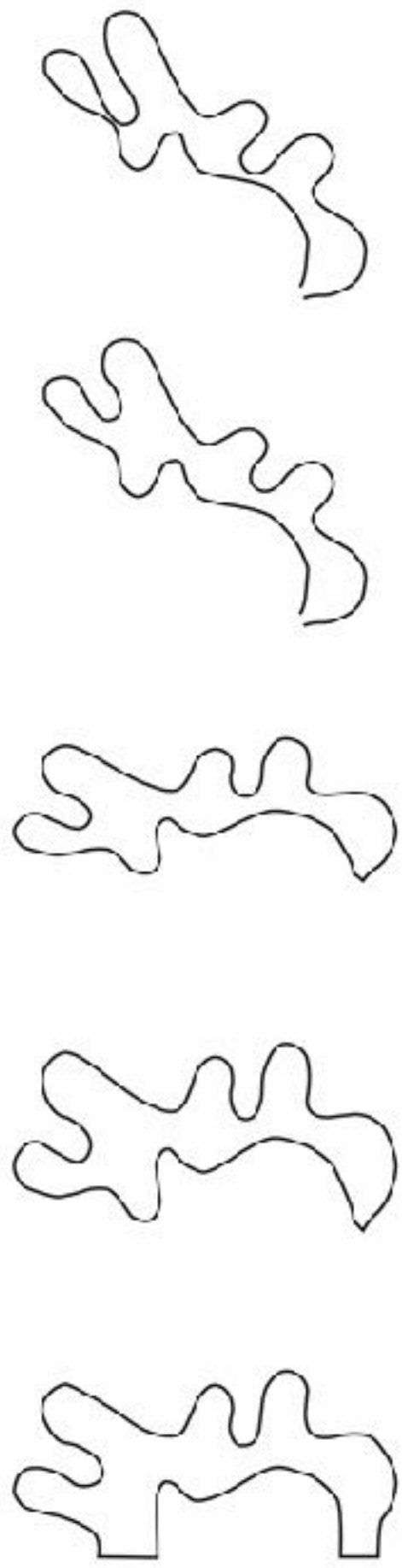




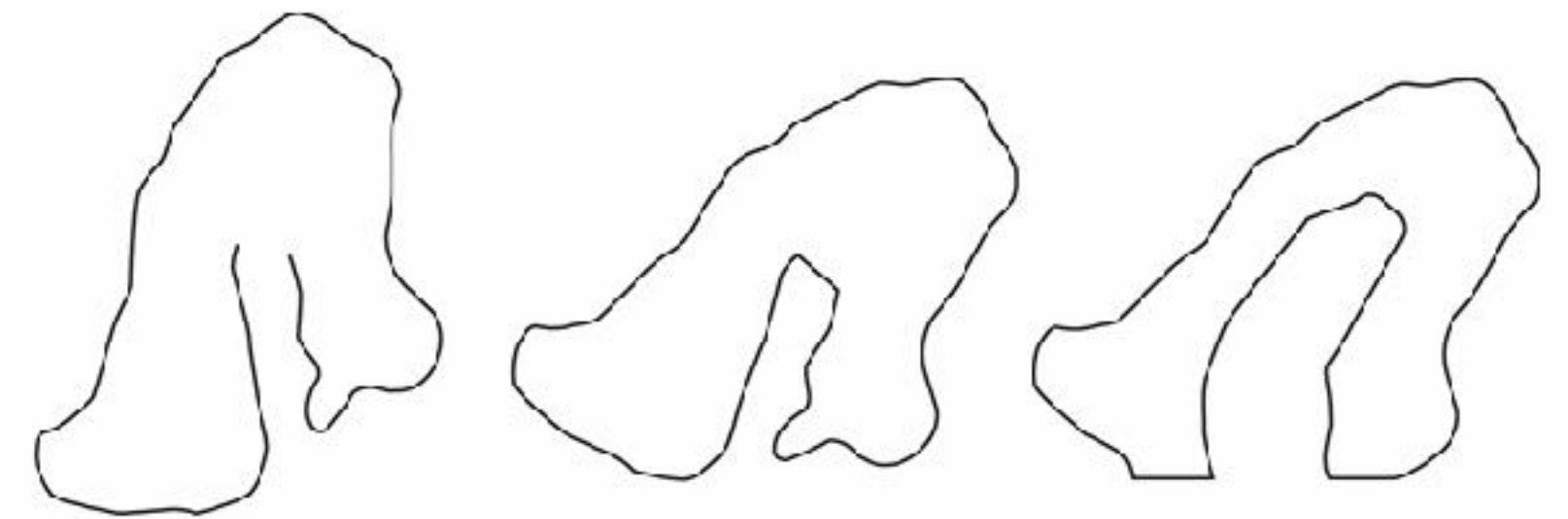


Maymuuund
An imagined dwelling. My everyday route to hang up the washing in Jatiwangi West Java.





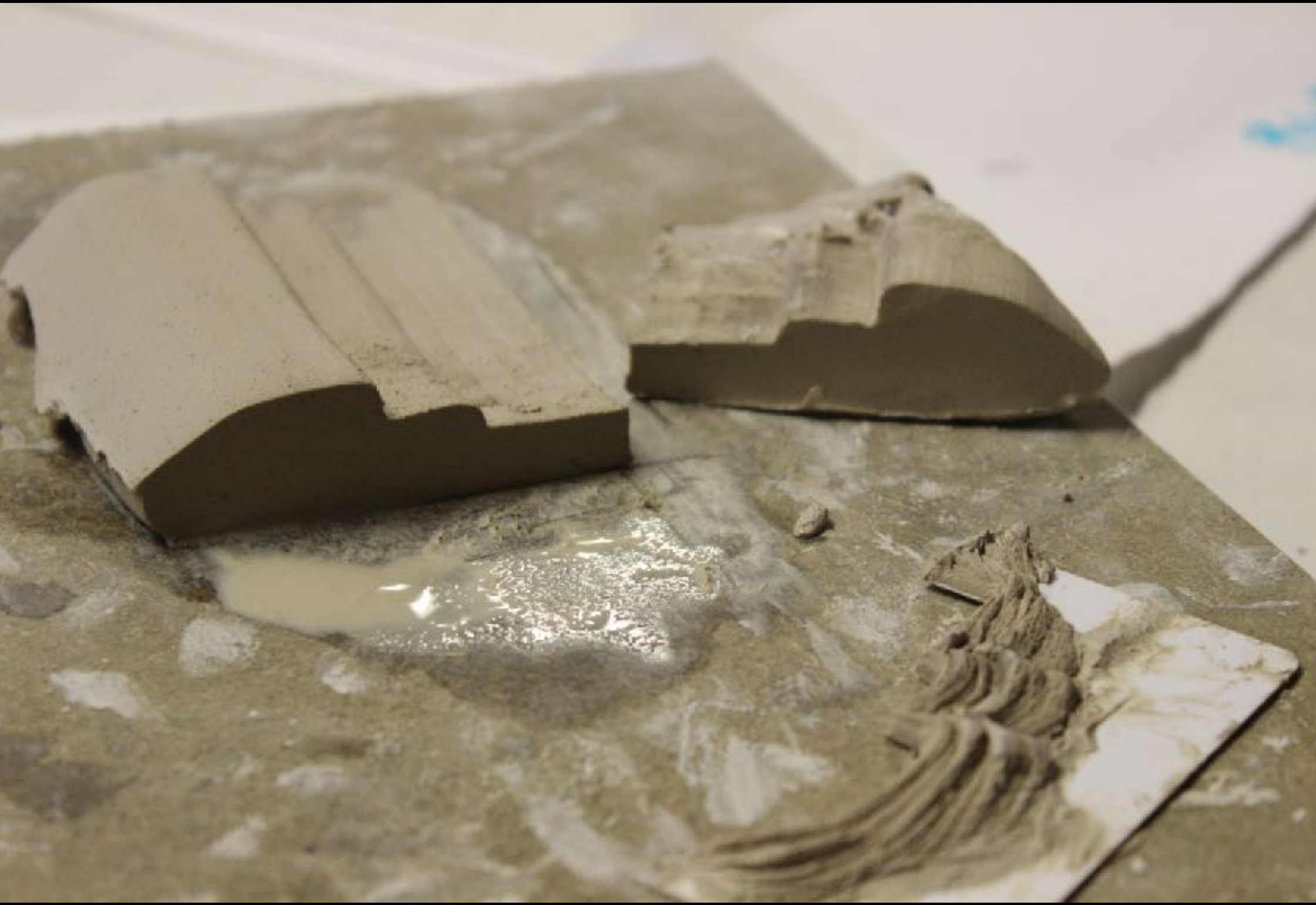
Bridget
A walk I take regularly around Stoke Cemetery whilst in lockdown to keep me fit and well physically and mentally. Enjoying the fresh air, the beautiful trees, stunning grave stones. Watching the wildlife (birds, squirrels, occasional fox, buzzards etc.) **BE**

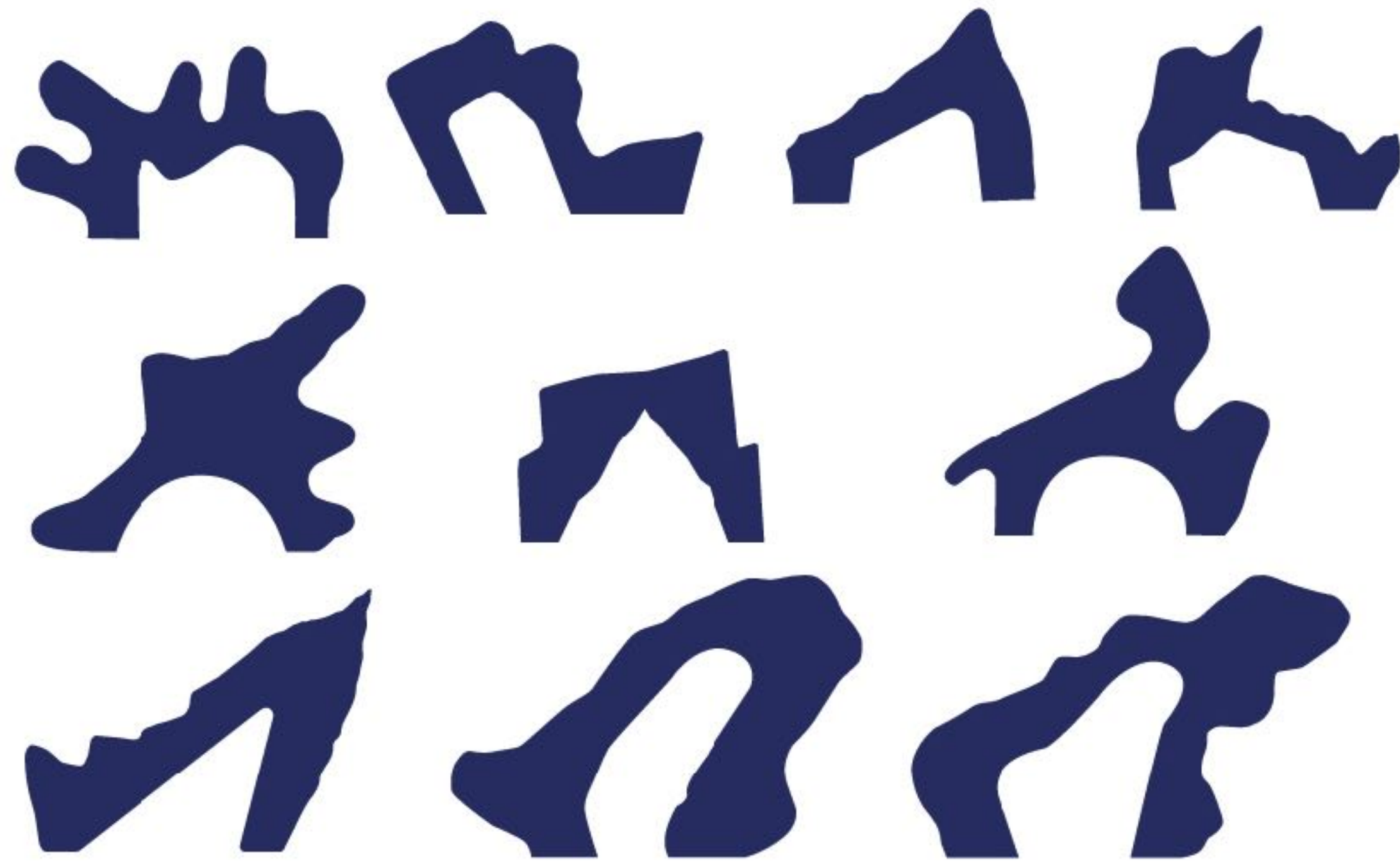
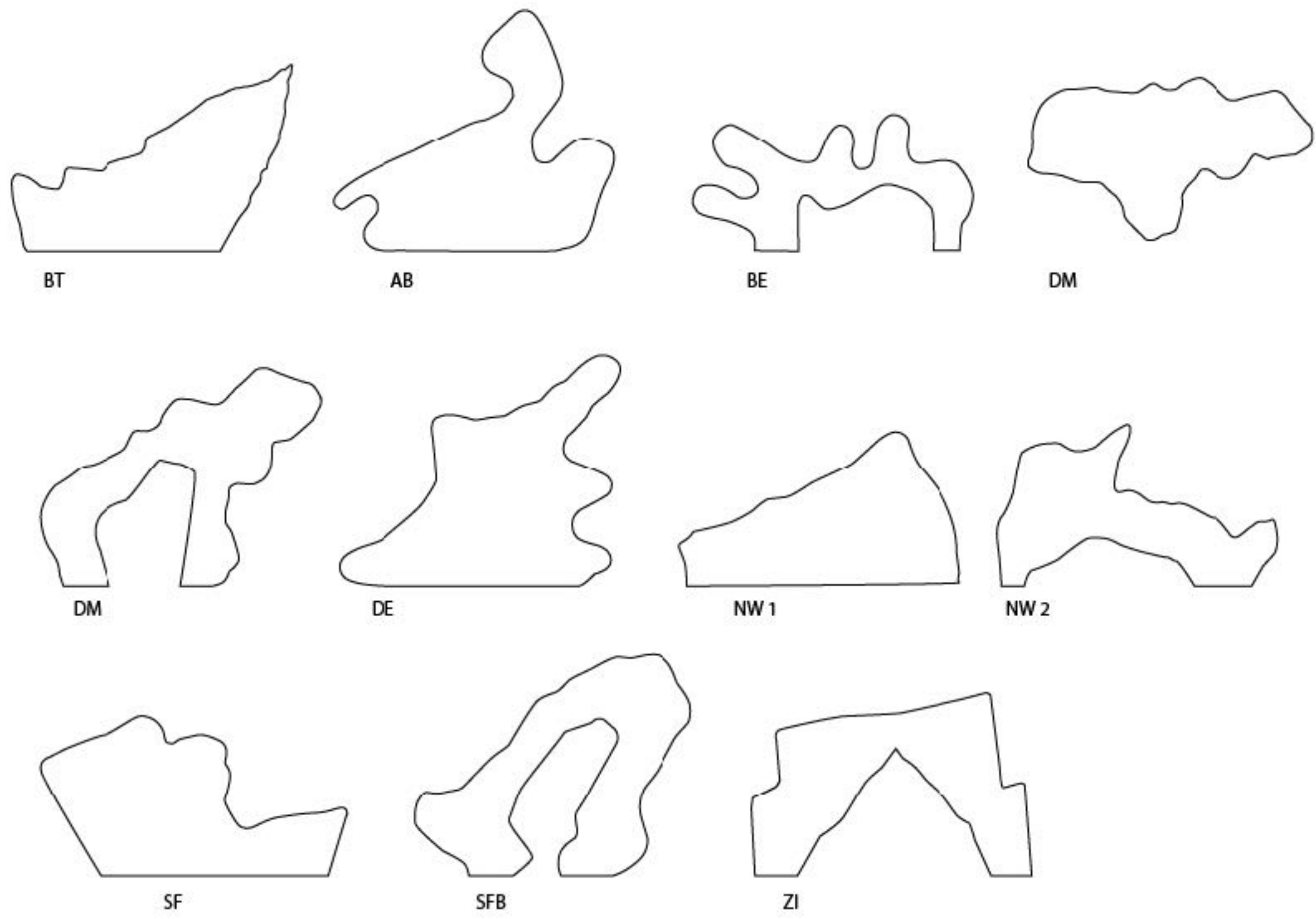


Steve
Festival grounds route map, volunteering at Covid testing festival. You hear the music and it makes you feel alive.

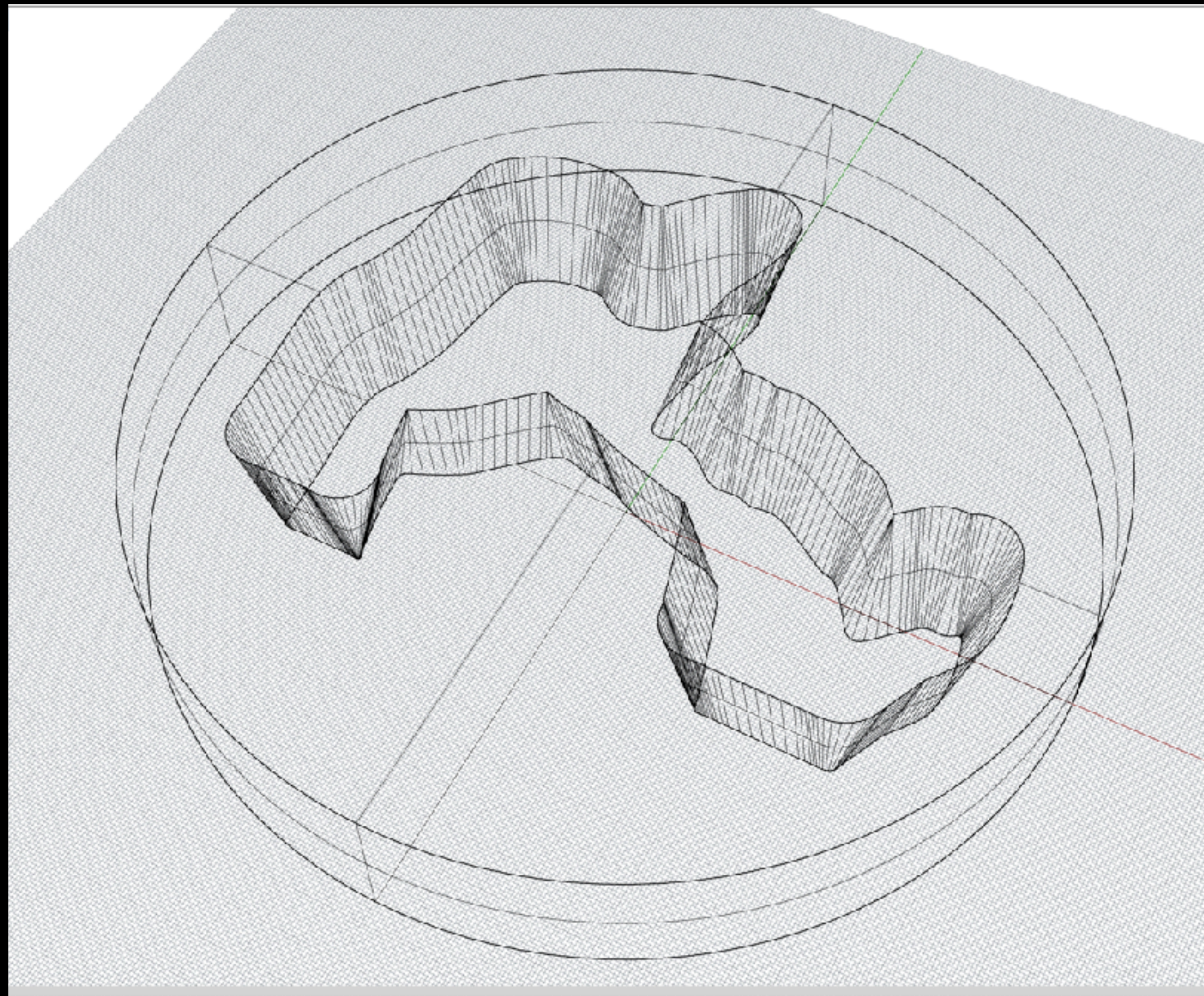
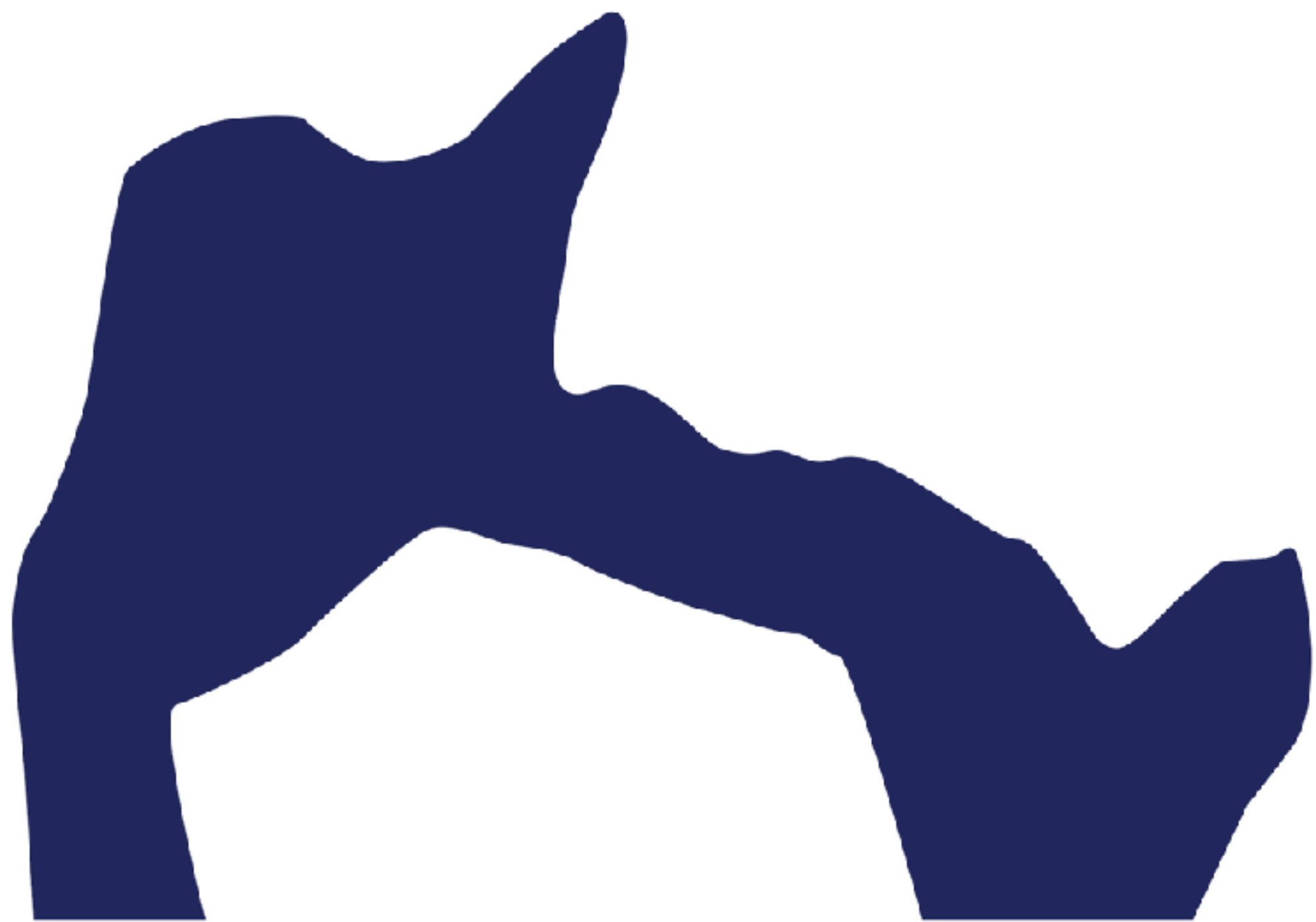
SFB



















Industrial collaborators:

ARUP

CENTRE FOR
**WINDOW AND
CLADDING**
TECHNOLOGY



SIBELCO


Wienerberger

Thank you!

Tavs Jorgensen tavs.jorgensen@uwe.ac.uk

Sarah Fraser info@sarahfraser.net

Sonny Lightfoot sonny.lightfoot@uwe.ac.uk



Centre For Print Research

