

Lunar base 3D printing

Robot Features (Robotic arm)

Mechanism: The robot arm will use lunar regolith, puts it in the right viscosity and uses it for extrusion.

- High movement range
- Ability to print practically from any angle (to enable curved geometries)
- Precise print size
- No support required (design freedom, money-saving on material)
- No slicing software is required to create the layers (case of conventional printers) => instead, multi-axis tool paths can be programmed with specialized 3D printing software