

# Gluer (Powder bed and inkjet printing)

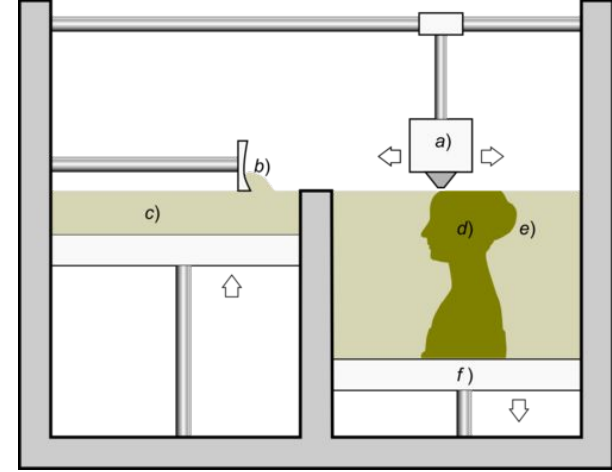
a) moving head drop glue or by laser sintering the surface of a powder bed(e)

(f) lowers the bed

d) the solidified object rest in unbound powder

c) New powder is continuously added to the bed from a powder reservoir

b) leveling mechanism pushes it into powder bed



- In the original implementations, starch and plaster fill the powder bed, the liquid "binder" being mostly water to activate the plaster.
- Other materials include metal, sand, and ceramics.
- Binder could be colored to form a composite material blending the properties of powder and binder.
- The unused powder itself supports the part during printing, so you can make complex geometries, overhangs, and internal cavities without worrying about supports.
- Larger models and faster, as each layer done at once