

# FUTURE OF PRODUCTION

Automated 3D Printing Solutions

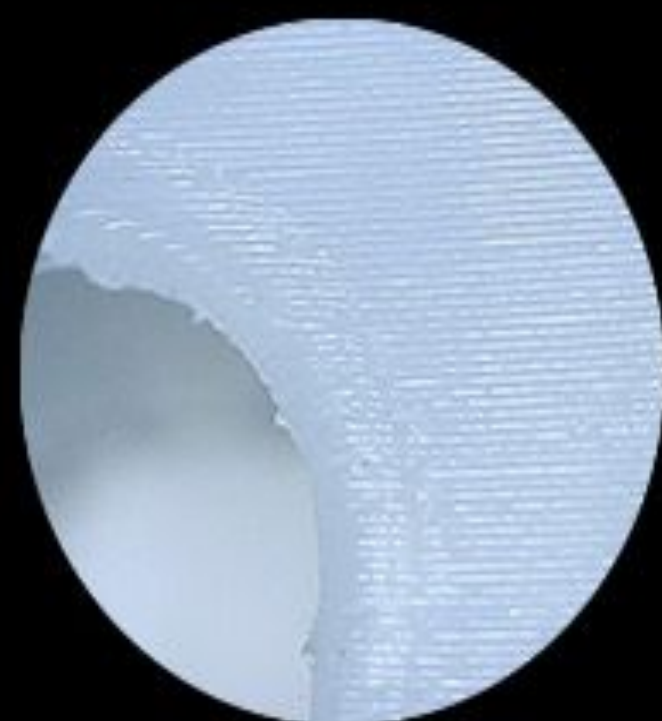
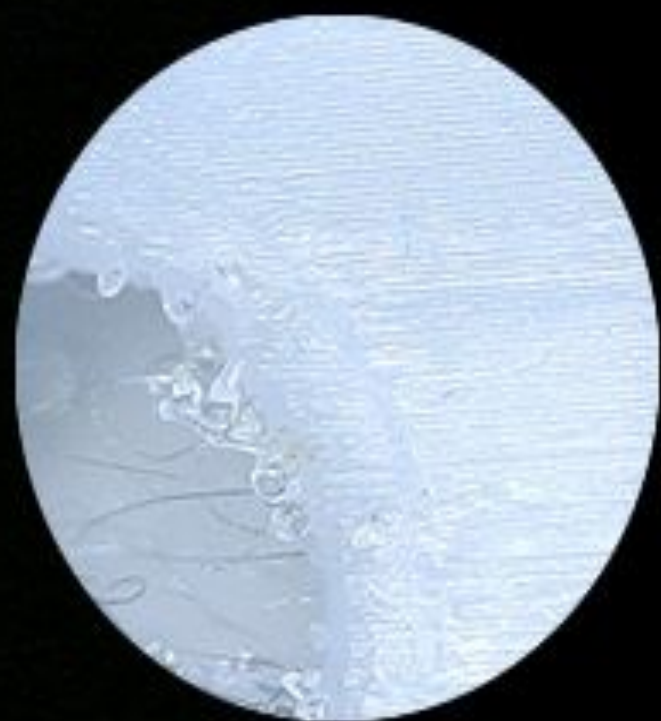
 MASS PORTAL



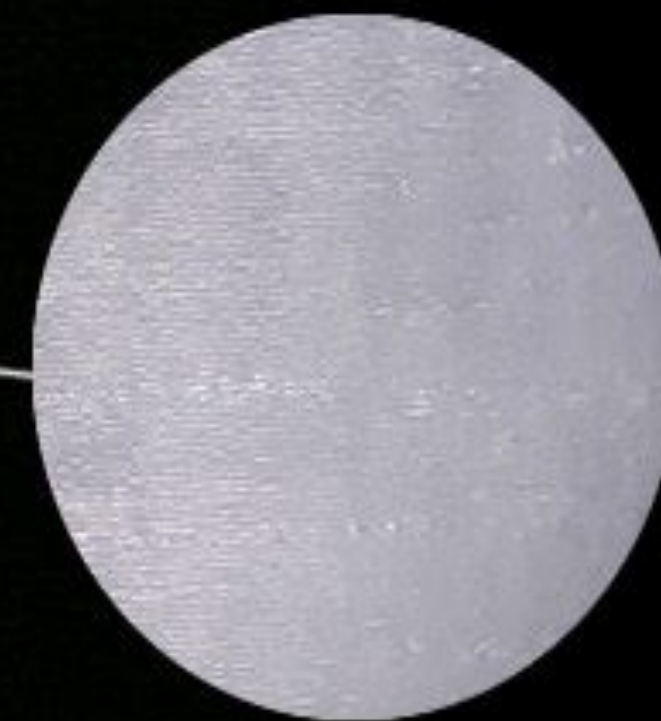
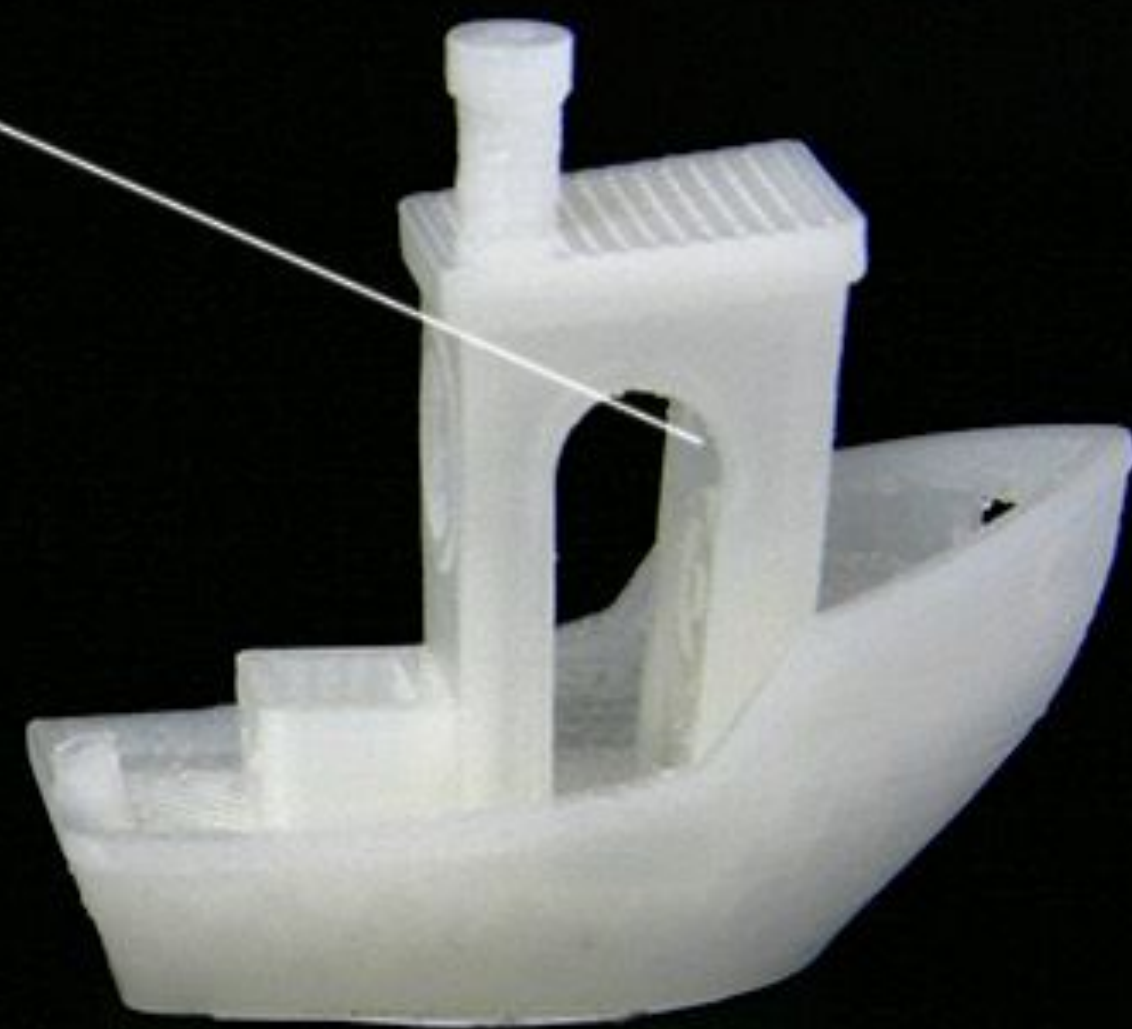


**Filament dryers**

Before



After





**3D PRINTERS**

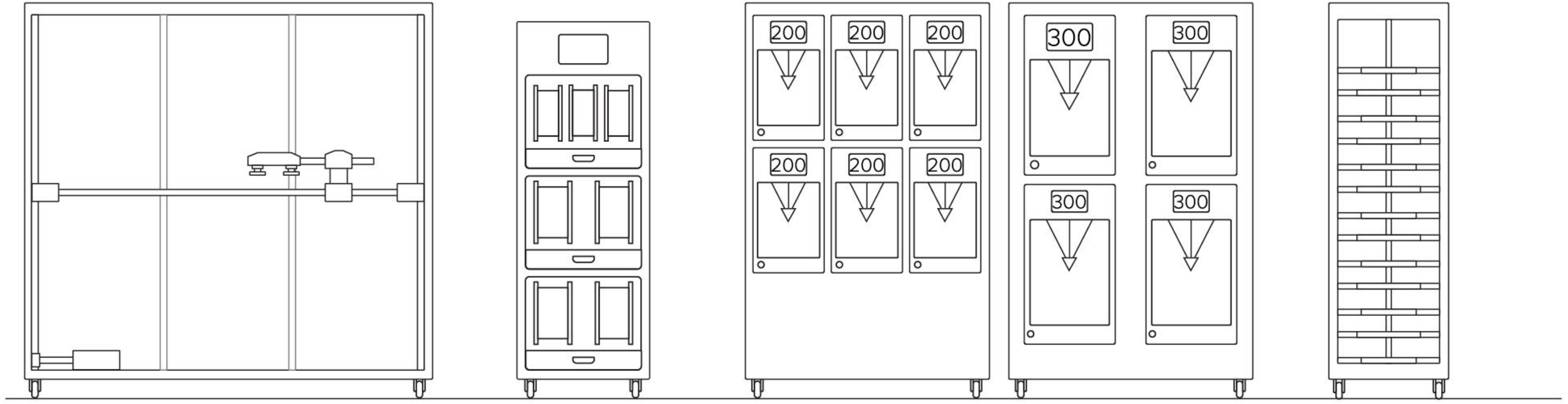


**PRINTFARMS**





**AUTOMATED SOLUTIONS**

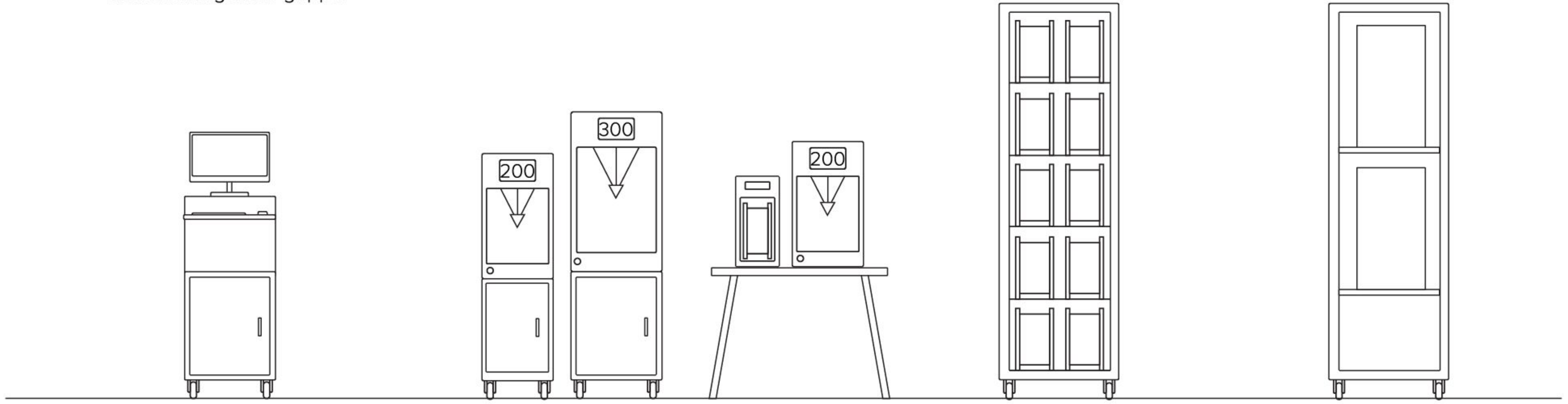


Automation gantry rack and exchangeable gripper

Filament dryer rack

3D printing unit racks

Automated platform storage



Standalone control console

Standalone 3D printers & material dryers

Smart longterm material storage

Automatic post-processing units

# FUTURE OF PRODUCTION

Automated 3D Printing Solutions

MASSPORTAL

MASSPORTAL



ISHAW

KNARR

Innofil<sup>3D</sup>





# Projects





MASS PORTAL



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 MASS PORTAL



MassPortal.com