



### CUSTOMIZED 3D PRINTING SYSTEMS

The POSEIDON 3D Printer, by Filament Innovations, was designed to be a hybrid platform, meaning FGF and FDM 3D Printing is inside one machine. For one price, this machine can meet all your 3D Printing requirements. Our one price solution includes over a 1M3 build area, pellet extrusion, high-flow filament extrusion, 25kg pellet dryer, and the ODIN slicing software.

Customization is key at Filament Innovations, and the extrusion gantry can be customized to the user's needs. Perhaps you want dual-filament extrusion? Or pellet only? We can do it.

ONE PRICE. ONE ECOSYSTEM. BUILT IN THE USA.

## SPECIFICATIONS

- **MACHINE SIZE (W,D,H):** 92"x70"x88"
- **MAX PRINT TEMPERATURE:** 450C
- **WEIGHT:** ~2,000lbs
- **MAX BED TEMPERATURE:** 120C
- **PRINT AREA (X,Y,Z):** 1060x1080x1050mm
- **BED LEVELING:** FOUR Z AXIS TILT & MESH
- **X&Y MOTORS:** TEKNIC SERVOS
- **ELECTRONICS:** DUET 3 ECOSYSTEM
- **MOTION:** HIGH-SPEED BELT SYSTEM (500mm/s)
- **TOUCHSCREEN:** 15" AND 7"
- **EXTRUSION:** PELLETT AND HIGH-FLOW FILAMENT
- **CONNECTIVITY:** ETHERNET, WiFi, USB
- **PELLET FEEDING:** PNEUMATIC VENTURI SYSTEM
- **WATER-COOLING:** ON-BOARD S&A CW-3000
- **PRINT SURFACES:** PEI, BUILDTAK, G10/FR4, STEEL
- **MACHINE POWER:** 220/240VAC 50AMP
- **PRINT PLATE:** MAGNETIC SPRING STEEL
- **DRYER POWER:** 110VAC 15AMP
- **BUILD PLATE:** 3/8" MIC-6
- **DRYER CAPACITY:** 25kg

### FACILITY REQUIREMENTS

100PSI COMPRESSED AIR FOR THE POSEIDON - 100PSI COMPRESSED AIR FOR THE PELLETT DRYER

