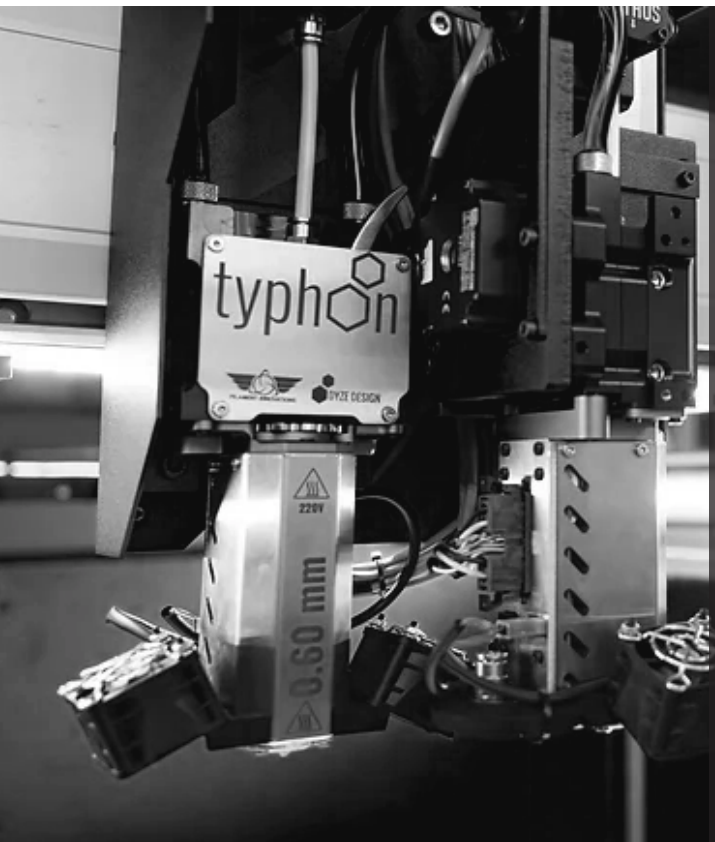


POSEIDON

CUSTOMIZED 3D PRINTING SYSTEMS



The POSEIDON 3D Printer, by Filament Innovations, was designed to be a hybrid platform, allowing for users to do FGF and FDM 3D printing in one machine.

This package offers:

Over a 1M3 build area

Pellet Extrusion

High-flow filament extrusion

25kg pellet dryer

ODIN slicing software

Customization is key at FI, and the extrusion gantry can be customized to the user's needs. It can print in dual-filament extrusion, and pellet only. The POSEIDON can adapt to the needs of its user.

SPECS | FACILITY REQUIREMENTS: 100PSI compressed air for the POSEIDON and the Pellet Dryer each.

MACHINE SIZE (W,D,H): 92"x70"x88"

WEIGHT: ~ 2,000lbs

PRINT AREA (PELLET): 1060x1080x1050mm

X&Y MOTORS: Teknic Servos

MOTION: High-Speed Belt System (max 500mm/s)

EXTRUSION: Pellet & High-Flow Filament

PELLET FEEDING: Pneumatic Ventury System

PRINT SURFACES: PEI, Buildtalk, Steel

PRINT PLATE: Magnetic Spring Steel

BUILD PLATE: 3/8" MIC-6

MAX PRINT TEMPERATURE: 450C

MAX BED TEMPERATURE: 120C

BED LEVELING: Four Z Axis Tilt & Mesh

ELECTRONICS: Duet 3 Ecosystem

TOUCHSCREEN: 7" & 15"

CONNECTIVITY: WIFI, Ethernet, USB

WATER-COOLING: On-Board S&A CW-3000

MACHINE POWER: 220/240VAC, 50AMP

DRYER POWER: 110VAC, 15 AMP

DRYER CAPACITY: 25kg

ONE PRICE, ONE ECOSYSTEM. BUILT IN THE USA.

WWW.FILAMENTINNOVATIONS.COM

