



HIGH-FLOW 3D PRINTING SYSTEMS



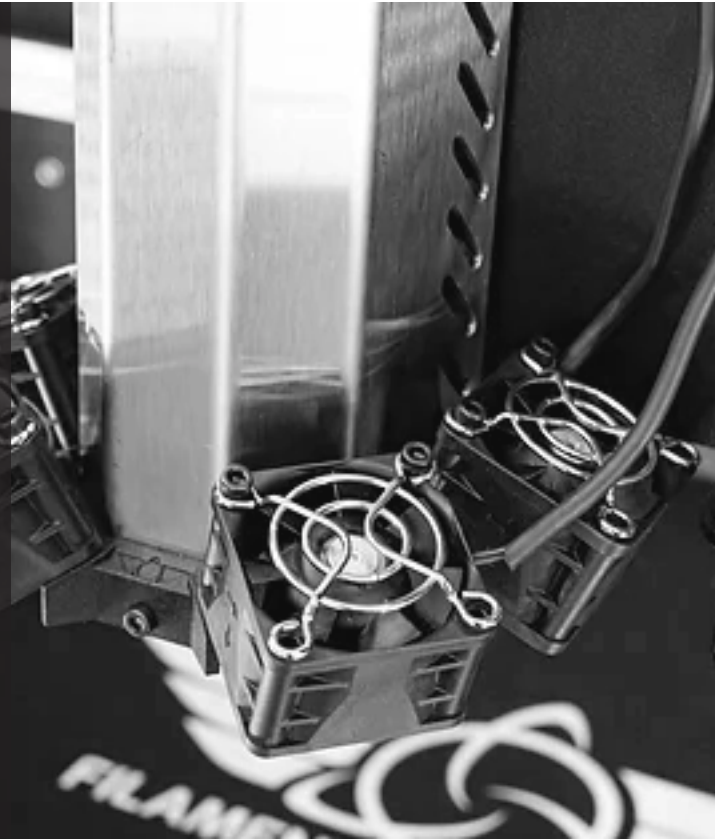
The ICARUS 3D Printer, by Filament Innovations, was created for High-Flow 3D Printing.

High-Flow 3D Printing means larger objects can be printed in a fraction of the time.

Turn-key Pellet extrusion to the masses with full integration of the Dyze Design Pulsar and Venturi feeding systems, at 3-5lbs per hour flow rate.

A filament option, using the Typhoon FDM extrusion system is available using the new air-cooled version from Dyze Design.

What else makes the ICARUS stand out from the other? First Layer Laser Scanning, USA Made Servo Motors, Enclosed Ballscrews, Tuned Profiles.



SPECS

MACHINE SIZE (W,D,H): 60"x34"x75"

WEIGHT: ~ 500lbs

PRINT AREA (PELLET): 450x450x945mm

PRINT AREA (FILAMENT): 450x450x1000mm

MOTORS: USA made Servo Motors

MOTION: TBI enclosed precision ballscrews

EXTRUSION: Pulsar (FGF) or Typhoon (FDM)

PRINT MONITORING: Orthus - Jam & Runout

PRINT SURFACES: PEI, Buildtalk, Steel, Carbon Fiber

PRINT PLATE: 3/8in MIC 6 Aluminum

BUILD PLATE: 3/8" MIC-6

MAX PRINT TEMPERATURE: 450C

MAX BED TEMPERATURE:120C

TEMPERATURE PROBE(S): PT100

BED LEVELING: Four Z Axis Tilt & Mesh

LASER SCANNING: First Layer Scan

ELECTRONICS: Duet 3 Ecosystem

MACHINE POWER: 110VAC or 220VAC

TOUCHSCREEN: 7" & 15"

CONNECTIVITY: WIFI, Ethernet, USB

WATER-COOLING: Pellet Only

SLICER: Simplify 3D

DRYER CAPACITY: 25kg

ONE PRICE, ONE ECOSYSTEM. BUILT IN THE USA.

WWW.FILAMENTINNOVATIONS.COM

