



MEET YOUR PARTNER

The world of 3D printing is moving fast. IC3D needed a printer that could withstand the challenge of 24/7 printing with flexible & abrasive materials at high temperatures.

We made one for ourselves, & now we are bringing that to you.

The IC3D Virago 700 brings reliable & consistent 3D printing of large objects from the widest variety of engineering-grade materials to be battle ready to tackle your most challenging missions.

Designed & assembled in Columbus Ohio, USA.

CONTACT IC3D

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INDUSTRIAL 3D PRINTER

SPECIFICATIONS

Properties

3D Printing Technology – Fused Filament Fabrication
Build Dimensions (X, Y, Z) – 600x700x785 mm. (24x28x31 in.)
Build Volume – 329,700 cm.³ (20,832 in.³)
Operating Footprint – 865x1245x1905 mm. (34x49x75 in.)
Maximum Travel Speed – 500 mm/s
Closed-Loop Stepper Motors for X and Y (Fall 2021)
Filament Runout and Jam Detection (Fall 2021)

Reliability

750 lb. Steel Weldment Frame
THK Linear Actuators
NSK Bearings
igus Flex Cabling and Energy Chain

Tool Head

Independent Dual Extruders (IDEX)
Extruder – Dual Gear Drive
Nozzle Size – 0.6 mm. (Available in 0.4 mm. – 2.5 mm.)
Max Temp – 300°C
Additional Tool Heads for Abrasive Materials Available

Build Platform

Removable Magnetic Flex Plate
PEX Print Surface
Max Temp – 125°C

Materials

Enclosed Filament Compartment
Filament Diameter – 1.75 mm. or 2.85 mm.
Supported Materials – ABS, PETG, PLA, UV PETG, ASA, PC Alloys, Flexibles (TPU, TPC), Nylon, Thermally Conductive Nylon, High Temp ABS, Glass Fiber Composites, Carbon Fiber Composites

Software/Electronics

Recommended & Supported Slicer: Simplify3D
Duet3D Controller
Remote Connectivity – Ethernet
Uninterruptible Power Supply (UPS) Included

Warranty and Support

Standard Warranty 1 Year Parts
Extended Warranties Available
Service and Materials Contracts Available
Engineering Support for Applications Development Available