VIRAGO 700

INDUSTRIAL 3D PRINTER

SPECIFICATIONS

Properties
3D Printing Technology – Fused Filament Fabrication
Build Dimensions (X, Y, Z) – 535x700x785 mm (21x28x31 in) - IDEX
Build Volume – 294,000 cm^3 (18,228 in^3) – IDEX
Build Dimensions (X, Y, Z) – 603x700x785 mm (23.75x28x31 in) - Single Extruder
Build Volume – 331,350 cm^3 (20,615 in^3) – Single Extruder
Overall Machine Dimensions – 865x1245x1905 mm (34x49x75 in)
Maximum Travel Speed – 500 mm/s
Automatic Bed Leveling – 35-point Bed Mesh
Filament Runout and Jam Detection

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
Slice Engineering Magnum Plus Hot Ends
Nozzle Size – 0.5 mm and 0.8mm (Available in 0.4 mm – 2.5 mm)
Max Temp – 290°C
Additional Tool Heads for Abrasive Materials Available

Build Platform
Removable Magnetic Flex Plate
Steel or Garolite (G11) Print Surface Options
Max Temp – 130°C
Heated Build Chamber Optional

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

Software/Electronics
Recommended & Supported Slicer: Simplify3D, PrusaSlicer, OrcaSlicer
Duet3D Controller
Remote Connectivity – Ethernet, WIFI
Uninterruptible Power Supply (UPS) Included

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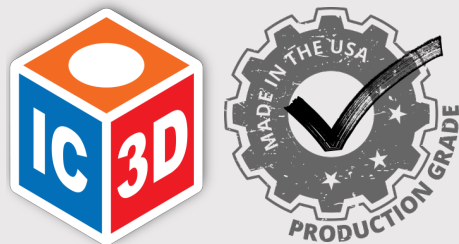Engineering Support for Applications Development Available

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.