



## MEET YOUR PARTNER

The world of 3D printing is moving fast. As an industrial 3D printing service company, 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

WEBSITE:  
[IC3DPrinters.com](http://IC3DPrinters.com)

EMAIL: [IC3D@worldtechnology.net](mailto:IC3D@worldtechnology.net)

PHONE:  
+1 646-775-4976



## INDUSTRIAL 3D PRINTER

### SPECIFICATIONS

#### Properties

3D Printing Technology – Fused Filament Fabrication  
Build Dimensions (X, Y, Z) – 535x700x785 mm (21x28x31 in)  
Build Volume – 293,983 cm<sup>3</sup> (17,940 in<sup>3</sup>)  
Operating Footprint – 865x1245x1905 mm (34x49x75 in)  
Maximum Travel Speed – 500 mm/s  
Closed-Loop Stepper Motors for X and Y  
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  
Nozzle Size – 0.6 mm (Available in 0.4 mm – 2.5 mm)  
Max Temp – 500°C  
Additional Tool Heads for Abrasive Materials Available

#### Build Platform

Removable Magnetic Flex Plate  
PEX, PEI, & Additional Print Surface Options  
Max Temp – 125°C  
Heated Build Chamber Optional

#### Materials

Enclosed Filament Compartment  
Filament Diameter – 1.75 mm or 2.85 mm  
Supported Materials – ABS, ASA, PETG, PLA, UV 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  
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