



# IC3D Virago Series

**Battle-Ready Industrial 3D Printing**

ENGINEERED & MANUFACTURED IN COLUMBUS, OHIO

# The Industrial Reality

## Why Standard Printers Fail



### Downtime Costs

Hobbyist machines aren't built for 24/7 operation. Every hour of downtime costs money in lost production and missed deadlines.

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Lost Revenue



### Material Limits

Most printers can't handle high-temp engineering polymers like Polycarbonate or Nylon without warping or jamming.

290°C+

Required Temp



### Lack of Support

When a machine goes down, waiting weeks for overseas parts or email support is not an option for a business.

24/7

Reliability Needed

# Engineering Philosophy

Built Like a Tank, Precise as a Watch

## Over-Engineered by Design

We use heavy-gauge steel weldments, not flimsy aluminum extrusions. Our machines are rigid, stable, and vibration-free.

## Industrial Components Only

THK linear motion, NSK bearings, and industrial ball screws. We don't use hobby-grade parts in mission-critical systems.

## Open Architecture

No proprietary filament chips or locked software. You own the machine, you control the process.

*"We built the printer we wanted to use in our own factory."*





# Virago 700

The Industrial Workhorse

Build Volume (Single)

603 x 700 x 785 mm

Build Volume (IDEX)

535 x 700 x 785 mm

Max Temp

500°C

Motion System

THK Linear Actuators

- Independent Dual Extruders (IDEX) Available
- 750 lb Steel Weldment Frame
- Automatic 35-Point Bed Leveling
- Designed for 24/7 Production Environments



# Virago 1200

## Massive Scale Production

Build Volume (Single)

1300 x 1250 x 1205 mm

Build Volume (TriFlex)

1230 x 1250 x 1205 mm

Max Temp

500°C

Motion System

THK Ball Screw Linear

- Enclosed & Heated Chamber (option) for Engineering Materials
- TriFlex Three Tool Changer Available
- Heavy-Duty Welded Steel Frame Construction
- Ideal for Jigs, Fixtures, & Large End-Use Parts

# Engineering-Grade Materials

## Industrial Grade Filament

### We Control Our Own Material Production

Our filament is engineered and manufactured in the USA to our rigorous specifications. This delivers superior consistency, higher quality control, and materials optimized specifically for Virago printers.

#### COMPATIBLE WITH HIGH-PERFORMANCE POLYMERS:

- ABS / ASA
- PC Alloys
- Nylon / CF-Nylon
- PETG / R-PETG
- PolyHex™ / PolyHex-CF™
- TPU / TPC (Flexibles)

 Large Format Spools: 10kg



# Precision Motion

Accuracy at Industrial Speeds

## THK

### Linear Motion

We use genuine THK linear guides and ball screws for smooth, precise movement that lasts for years without play or slop.

## 500 mm/s

### Travel Speed

High-torque motors and rigid frame construction allow for rapid travel moves, reducing overall print time.

## 35-Point

### Mesh Leveling

Automatic bed leveling maps the print surface to ensure a perfect first layer every single time.

## Dual Gear

### Extrusion

Powerful dual-gear drive trains grip filament firmly, preventing slipping even with flexible or abrasive materials.



# Global Support & Logistics

World-Class Service, Delivered Anywhere



## Secure International Shipping

We expertly crate and manage global logistics, ensuring your machine arrives safely and ready to run, wherever you are.



## Direct Engineering Access

Connect directly with the experts who designed your machine. We provide deep technical support to maximize your uptime.



## Rapid Parts Dispatch

We maintain a comprehensive inventory of critical components, ready for immediate worldwide shipment."



# Built in America

For Global Manufacturing

COLUMBUS, OHIO

## Supply Chain Security

We manufacture our machines in the US. We aren't waiting on containers from overseas to build your printer.

## Quality Control

Every machine is built, calibrated, and test-printed by our own technicians before it leaves our dock.

## Global Reach

While we build in the heartland of America, our machines power industries worldwide, supported by a global logistics network and our Export Partner- World Technology Corporation.





# Ready for Battle?

Partner with IC3D Today

Contact World Technology Corp – IC3D's Export Partner



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