## INDUSTRIAL 3D PRINTER

### SPECIFICATIONS

#### Properties
- **3D Printing Technology** – Fused Filament Fabrication
- **Single Tool Head Build Dimensions** (X, Y, Z) – 1300x1250x1205 mm (51.19x49.21x47.24 in)
- **TriFLX™ Build Dimensions** (X, Y, Z) – 1230x1250x1205 mm (48.45x49.21x47.24 in)
- **Standard Build Volume** – 195,812 cm³ (69.15 ft³)
- **Maximum Travel Speed** – 500 mm/s
- **Closed-Loop Stepper Motors** for X- and Y-axis
- **Filament Runout and Jam Detection** (Spring 2023)

#### Reliability
- **Welded Steel Frame**
- **THK Ball Screw Linear Motion**
- **NSK Bearings**
- **igus Flex Cabling and Energy Chain**
- **Automotive Grade Connectors**

#### Tool Head
- **TriFLX Three Tool Changer**
- **Slice Engineering Magnum Plus Hot Ends**
- **Dyze Pulsar Pellet Extruder**
- **Extruder – Dual Gear Drive**
- **Nozzle Sizes Available** – 0.4, 0.5, 0.6, 0.8, 1, 1.2, 1.4, 1.8, 3, 5 mm
- **Max Temp – 500°C**
- **Additional Tool Heads for Abrasive Materials Available**

#### Build Platform
- **Magnetic Flex Plate**
- **PEX, PEI, & Additional Print Surface Options**
- **Standard Max Temp – 115°C**
- **Actively Heated Build Chamber Optional**

#### Materials
- **Filament Dryer Included**
- **Enclosed Filament Compartment Optional**
- **Material Feed – 1.75 mm or Pellet-fed**
- **Supported IC3D Materials** – ABS, ASA, CF PETG, PETG, PLA, UV PETG, PC Alloys, PolyHex™, Flexibles (TPU, TPC), Nylon, R-PETG, HIPS
- **Supported Materials non-IC3D**: All open materials can be supported.

#### Software/Electronics
- **Recommended & Supported Slicer**: Simplify3D
- **Duet3D Controller**
- **Remote Connectivity – Ethernet**
- **Uninterruptible Power Supply (UPS) Included**
- **Onboard PC**

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