

Ascent Industrial 3D Printer

FOR THE SIGN INDUSTRY



The fastest printer of its class

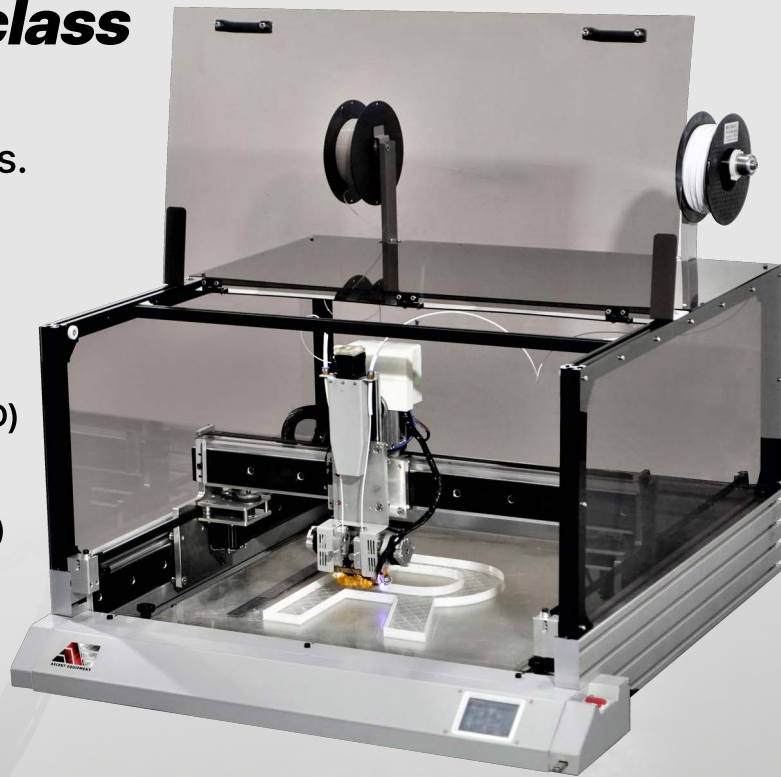
Design, especially for the production of channel letters and complicated 3D logos.

PERFORMANCE

- Maximum 24"x24"x3" object size
- The highest speed in its class
- Can process FR materials
- Slicer software innovative software (convert 2D to 3D)
- Flash drive, Wi-Fi
- Enclosure
- Can run two colors (Two filaments in, One nozzle out)
- Automatic leveling
- High-quality component production level
- Color touchscreen
- Renew After Outage (RESUME PRINT FUNCTION)
- Removable build surface plate
- UL-certified power supply

GENERAL

- **Build Volume** 610×610×80mm (24"x24"x3")
- **Technology** FFF (Fused Filament Fabrication)
- **Feeding Method** Two filaments in, one nozzle out
- **Nozzle Temperature** 260°C
- **Platform Temperature** 70°C
- **Nozzle Diameter** 1mm Default (0.8mm optional)
- **Layer Height** 0.25~0.4 mm
- **Leveling Method** Auto calibration
- **Build Platform** Removable glass platform



HARDWARE

- **Data Transmission** Flash drive, Wireless
- **Motion Controller** Atmel ARM Cortex-M4 120 MHz FPU
- **Motion Drive System** Close-loop-control 57mm step motors motion system
- **Screen** 3.5 inches touch screen
- **Internal Storage** 8G
- **Filament Sensor** Automatically pause printing when the filaments run out
- **Power Outage Recovery**

Low shear force and high fluidity, suitable for high-speed printing

Our channel letter filaments have a low shear force and high fluidity.

Those are essential features for high-speed extruding in the print head.

Those features are a must when using Ascent high-speed channel letter 3D printer.

- Information only, Ascent reserves the right to change specifications without notice.

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