



# EVO 22™

## Desktop Additive Manufacturing Center

The **EVO**lution of desktop manufacturing has arrived. EVO 22, Airwolf 3D's fifth generation machine, features cutting-edge technology and advanced user-centered design that sets it apart from past machines and elevates it to a new class of industrial equipment: the desktop Additive Manufacturing Center, or "AMC."

Loaded with industry-first features and designed to provide a seamless user experience, the EVO 22 AMC empowers professionals to manufacture large, functional prototypes and production parts at faster speeds and higher resolution than any other desktop system on the planet.

Manufacture real-size end use parts within the EVO 22's huge build volume in over 40 different materials. Optimized for production, the 12 x 12 x 22-inch enclosed build volume is configured for producing large, strong parts.



### SPECIFICATIONS:

**Build Volume:** 305 x 305 x 560 mm  
(approx. 12 x 12 x 22")  
**Speed:** 150mm/second  
**Enclosed Chamber:** ✓  
**Chamber Heaters:** ✓

**Extruder Configuration:** Dual  
**Max Z Layer Resolution:** .040 mm  
(.1+ Recommended)  
**Auto Bed-leveling:** ✓  
**HEPA/Active Carbon Filter:** ✓  
**Nozzle Size:** .35, .5, .8 (default), 1 mm

**Controller:** 32 bit Genesys  
**Printer Interface:** 7" Full Color  
Touchscreen  
**Software:** APEX  
**Maximum Hot end Temp:** 300 °C  
**Maximum Bed Temp:** 155 °C

### FEATURES

- ▶ Manufacture in Over 40 Materials
- ▶ Minimum Layer Height of 80 Microns (100 or Above Recommended)
- ▶ Optimized for Use With APEX G-Code Generation Software
- ▶ Automotive-Grade, 32-Bit Redundant Embedded Controller
- ▶ High-Torque Cartridge-Style Planetary Extrusion System
- ▶ Dual High-Flow AX2 Extrusion Heads
- ▶ Spotlight Manufacturing Vision System
- ▶ Entirely Enclosed Construction

- ◀ Oversized Z-Motor With Ball-Screw
- ◀ Extra Large 12 x 12 x 22" Build Volume
- ◀ Interchangeable Extended-Life Nozzles (from 0.35 to 1mm)
- ◀ Tri-Heat Enclosed Build Environment
- ◀ Integrated Filament Drying System
- ◀ Automatic Circuit Breaker Safety System
- ◀ High-temperature Capabilities
- ◀ 7" Full -Color Touchscreen Display

### Authorized Reseller:

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