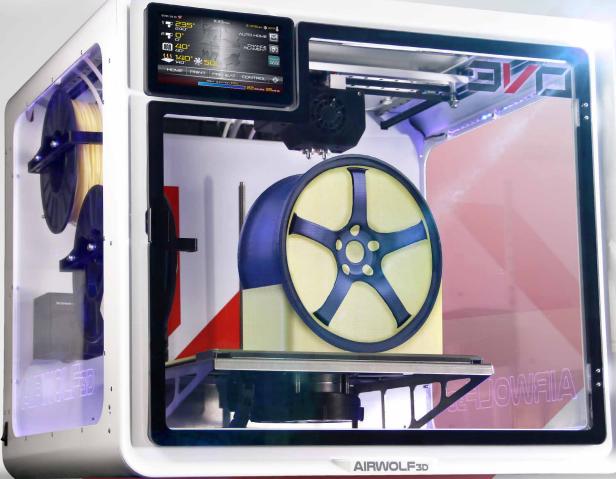


# DESKTOP ADDITIVE MANUFACTURING CENTER



# **PLANETARY EXTRUSION SYSTEM**

OPTIMIZED, MULTIPLIED-FORCE FEEDERS MAXIMIZE SPEED AND PRECISION OF LAYER DEPOSITION



## **PRECISION**

GENESIS MICROCONTROLLER

CNC-STYLE LINEAR PRECISION GUIDES



## PART PROTECTION

PARTSAVE™ AND FAILSAFE™ FUNCTIONS RESTORE PRINTS AFTER INTERRUPTION:



# WATER SOLUBLE SUPPORT

CREATE SOLUBLE SUPPORT STRUCTURES TO ELIMINATE POST PROCESSING



## ZERO MAINTENANCE

MAINTENANCE-FREE CNC-STYLE LINEAR GUIDE-BASED COREXY MOTION CONTROL



# AIR CLEANSING SYSTEM

ACTIVE HEPA AND CARBON AIR FILTERS FOR CONTAINMENT OF UFP AND VOC EMISSIONS



#### PRINT BIGGER

TRI-HEAT ENCLOSED BUILD ENVIRONMENT FULL-SIZE PROTOTYPES AND PRODUCTION PARTS INDUSTRY-LEADING SIZE-TO-BUILD VOLUME RATIO



#### RUGGED DESIGN

UNITIZED 100% ALUMINUM FRAME OVERSIZED 1,000-WATT POWER SUPPLY ONE-PIECE STEEL BUILD PLATFORM SUPPORTS UP TO 50 lb.



## **EASY TO USE**

AUTO-LEVELING INTUITIVE SOFTWARE MATRIX TOUCHSCREEN CONTROL



# **FEATURES**

- Manufacture in Over 40 Materials, Including Metal
- Minimum Layer Height of 40 Microns (100 or Above Recommended)
- Optimized for Use With APEX Pro 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
- Stackable, Entirely Enclosed Construction



# **FEATURES**

- Oversized Motor With Integrated Stepper Lead Screw
- Oversized 12 x 12 x 11" Build Volume Configured for Large Part Production
  - Interchangeable Extended-Life Nozzles (from 0.35 to 0.80 mm)
    - Tri-Heat Enclosed Build Environment
    - Integrated Filament Drying System
    - Automatic Circuit Breaker Safety System <
      - USB Drive Connectivity