



## COMPLETE PELLET 3D PRINTING SYSTEMS

The ARES 3D Printer, by Filament Innovations, was created to allow everyone to have access to a complete pellet extrusion system.

Purchase price includes:  
ARES Printer  
25kg pellet dryer  
A copy of the ODIN slicer

ODIN was developed by FI to make slicing for pellet extrusion simpler and easier.

Because the price of pellets is roughly 50% of the price of filament, and has an output rate of 3-5lbs per hour, both material costs and print time decrease.



**SPECS** | FACILITY REQUIREMENTS: 100PSI compressed air for the ARES and the Pellet Dryer each.

**MACHINE SIZE (W,D,H):** 71"x35"x76"

**WEIGHT:** ~ 650lbs

**PRINT AREA :** 850x450x925mm

**MOTORS:** Leadshine Closed-Loop

**MOTION:** Enclosed precision ballscrews

**EXTRUSION:** DYZE Design Pulsar (FGF)

**PELLET FEEDING:** Pneumatic Ventury System

**PRINT SURFACES:** PEI, Buildtalk, Spring Steel, Carbon Fiber, 610

**BUILD PLATE:** 3/8" MIC-6 Aluminum

**MAX PRINT TEMPERATURE:** 450C

**MAX BED TEMPERATURE:**120C

**BED LEVELING:** Four Z Axis Tilt & Mesh

**ELECTRONICS:** Duet 3 Ecosystem

**MACHINE POWER:** 110VAC or 20AMP

**TOUCHSCREEN:** 7" & 15"

**CONNECTIVITY:** WIFI, Ethernet, USB

**WATER-COOLING:** On-Board S&A CW-3000

**DRYER POWER:** 110VAC, 15 AMP

**DRYER CAPACITY:** 25kg

ONE PRICE, ONE ECOSYSTEM. BUILT IN THE USA.

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