FILAMENT INNOVATIONS
INDUSTRIAL & HIGH-FLOW 3D PRINTERS
BUILT IN PENNSYLVANIA

ARES

FULLY EQUIPPED AT
$79,000.00

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. The purchase price includes the printer, a 25kg pellet dryer, and one copy of the ODIN slicer. ODIN was developed by Filament Innovations to make slicing for pellet extrusion simpler and easier.

With the price of pellets roughly 50% cheaper than filament, and an output rate of 3 - 5 lbs per hour, both material costs and print times decrease.

ONE PRICE. ONE ECOSYSTEM. BUILT IN THE USA.

SPECIFICATIONS

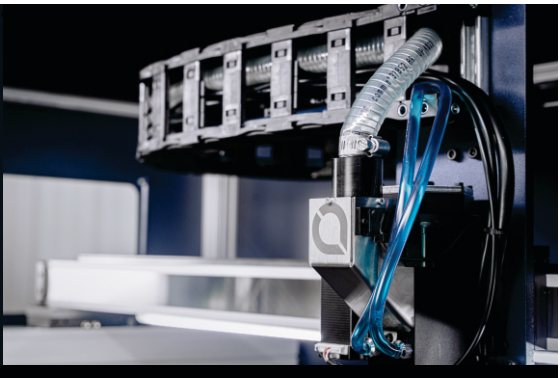
- **MACHINE SIZE (W,D,H):** 71"x35"x76"
- **WEIGHT:**~650lbs
- **PRINT AREA (X,Y,Z):** 850x450x925mm
- **MOTORS:** LEADSHINE CLOSED-LOOP
- **MOTION:** ENCLOSED PRECISION BALLSCREWS
- **EXTRUSION:** DYZE DESIGN PULSAR FGF SYSTEM
- **PELLET FEEDING:** PNEUMATIC VENTURI SYSTEM
- **PRINT SURFACES:** PEI, BUILDTAK, STEEL
- **PRINT PLATE:** MAGNETIC SPRING STEEL
- **BUILD PLATE:** 3/8" MIC-6
- **MAX PRINT TEMPERATURE:** 450C
- **MAX BED TEMPERATURE:** 120C
- **BED LEVELING:** FOUR Z AXIS TILT & MESH
- **ELECTRONICS:** DUET 3 ECOSYSTEM
- **TOUCHSCREEN:** 15" AND 7"
- **CONNECTIVITY:** ETHERNET, WiFi, USB
- **WATER-COOLING:** ON-BOARD S&A CW-3000
- **MACHINE POWER:** 110VAC 20AMP
- **DRYER POWER:** 110VAC 15AMP
- **DRYER CAPACITY**: 25kg

FACILITY REQUIREMENTS

100PSI COMPRESSED AIR FOR THE ARES - 100PSI COMPRESSED AIR FOR THE PELLET DRYER

DYZE DESIGN - PULSAR

MATERIAL: PELLET
OUTPUT: ~3-5 LBS PER HOUR
NOZZLE (MM): 1.0 THROUGH 5.0
NOZZLE TYPE: TOOL STEEL



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