B-JETTING,.LLC

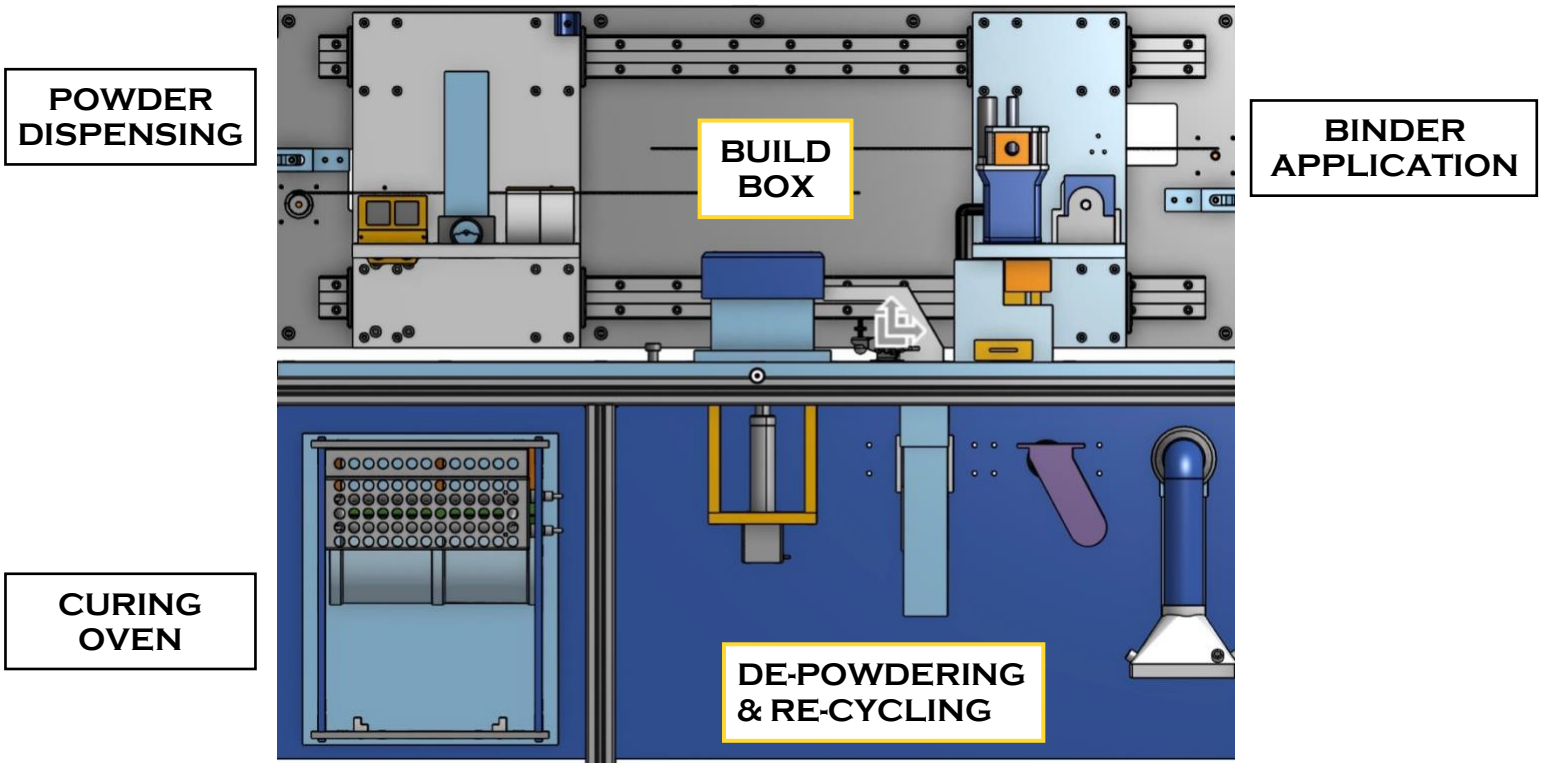
A 3D BINDER JET DEVELOPMENT PLATFORM

These modular printers are 100% designed, built, and serviced in the US.

B-jetting, the 3D binder-jet company, are now offering two new entry-level printers: The Educator and The Researcher. Both printers provide a customer-friendly, turnkey, binder-jet system.

The Educator can be used as either an entry-level introduction to binder jetting or as a sophisticated development tool to test out new materials or improve process development. The Educator system includes a fully functional binder-jet system with a 60mm box, curing oven, and powder recycling system.

The Researcher has the same functionality as The Educator but comes with additional modularity. Options include an inert chamber, glove box, or drop watcher. The Researcher also allows you to change printheads or run two different printheads for comparison. We have a range of powder handling packages for a variety of materials.



SPECIFICATIONS

The Educator has a powder hopper, rollers, build box, ink station, curing, a cyclonic powder separator, build box cleaner, and powder recycling station. Our design allows for multiple batch production.

Educator Dimensions (without table)
900mm wide x 300mm deep x 750mm high

Powder Dispensing
The Educator has a standard metal powder dispenser designed for a nominal -22-micron powder. The Researcher has a range of hoppers and rollers depending on the project.

Build Box
There is a 60mm build box on The Educator and a second option for a 125mm long x 60mm wide x 35mm deep build box.

Binder Application
This includes a printhead, 25cc reservoir, electronics, and head tending station. The printhead and electronics can be tailored to the project. The head tending has purging, wiping, and capping.

Curing Oven
Nominal 200°C (400°F) Curing oven to cure your green part.

De-powdering & Re-cycling unit
Designed with a vacuum unit to clean the build box so that your unit is ready for the next cycle. It also includes a cyclonic separator to recycle the powders.

Power Requirements
US 120V, 10A.

Connectivity
Accepts most standard CAD and 3D formats such as STL and 3MF etc.
USB and WIFI enabled

Operating Temperature
Designed to be used in a standard, office lab environment: 45°F - 90°F (7°C - 30°C)

Weight
Approximately 150lb plus table

Warranty
12 months parts and labor warranty

Optional Extras
UV Curing, IR heat, Drop-watcher
Inert Chamber, Glove Box, and paired Kiln.

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