

WaxJet 51C



World's First High-Precision Desktop Wax 3D Printer

Flashforge WaxJet 51C is a compact, high-precision, multi-jet wax 3D printer designed for creating detailed casting wax patterns with smooth surfaces by printing with less lines. Its high-speed, high-resolution printhead enhances design flexibility and facilitates efficient manufacturing for the jewelry industry.

Mass-produce high quality jewelry pieces!



Shorten time to market & reduce labor costs!



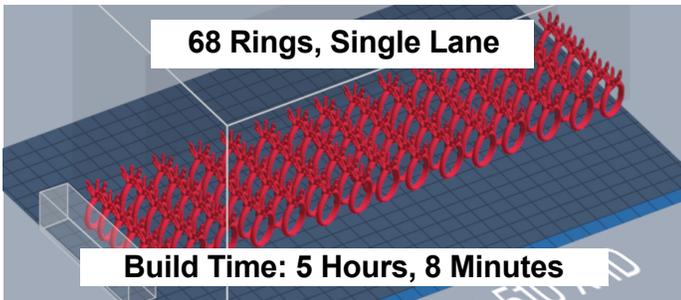
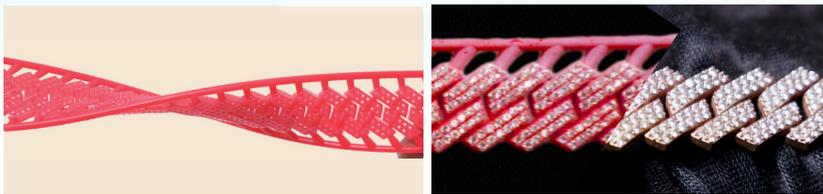
Compact Footprint
only 34 x 20 x 26 inches
in size!



Hi-Res Patterns
2900 x 2900 x 1700 DPI
at 15 µm layer thickness



**Lowest Cost
To Ownership**



Flashforge Wax Material

Flashforge's non-toxic wax materials are perfect for investment casting applications such as jewelry, crafts, precision parts and aerospace equipment.

They offer **high tensile strength** and durability with added flexibility support for **stone-in-place casting**.

Build Material Cost

68 Rings \$7.12

Per Gram \$0.44

Material Used 17g

Support Material Cost

68 Rings \$11.00

Per Gram \$0.17

Material Used 65g

(Material costs based off a single-lane build)

WaxJet 51C Specifications

Print Technology	MultiJet Printing (MJP)
Build Volume	235 x 138 x 100 mm
Resolution	2900 x 2900 x 1700 DPI; Layer Thickness 15 µm
Dimensional Accuracy	± 0.0433/20 mm
Material Utilization	Part wax utilization rate ≥ 57%
Slicing Software	WaxJetPrint
Supported Input Formats	STL, SLC
Network Connectivity	Ethernet: 10 / 100 / 100, Wi-Fi: (Via USB Add-On)
Supported Operating System	Windows 10 /11 (64 bit)
Power Supply	AC 100-250V, 50-60 Hz, 2.2 kW
Operating Environment	Temperature: 18°C - 26°C Humidity: 30 - 70%
Equipment Dimensions	865 x 510 x 654 mm
Equipment Weight	115 kg
Packing Dimensions	1020 x 660 x 905 mm
Packing Weight	140 kg



Your Flashforge WaxJet printer purchase is backed by Romanoff's excellent after-sales support. With coast-to-coast support, you can get answers and service the same day!



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