

WaxJet 510 XHD

THE LATEST IN MJP WAX 3D PRINTING

Flashforge WaxJet 510 XHD is a high-precision, multi-jet wax 3D printer designed for creating detailed casting wax patterns with smooth surfaces by printing with less lines. WaxJet 510 XHD's high-speed, high-resolution printhead enhances design flexibility and facilitates efficient manufacturing for the jewelry industry.

Advantages Over Similar Technologies

- **2900 X 2900 X 1700** DPI Print XYZ Resolution
- **4X Faster** Printing Speed - 86 rings in 5 hours
- New Reliable Print Head Technology, 2100 Jets
- Efficient Honeycomb Support Structure
- New Flexible Wax Build Material
- Lower Cost Build And Support Material
- Remote Access & Operation - Start Jobs Off Site

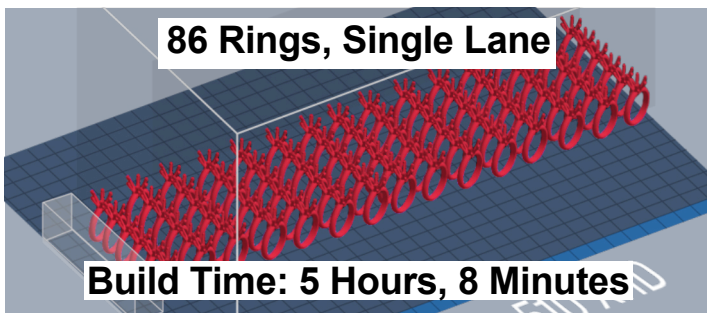
More Patterns with Less Material in Less Time!



SKU: 68-510



Compared to Similar Technologies



(Material costs based off a single-lane build)

Built Material Cost

86 Rings \$8.89

Per Gram \$0.44

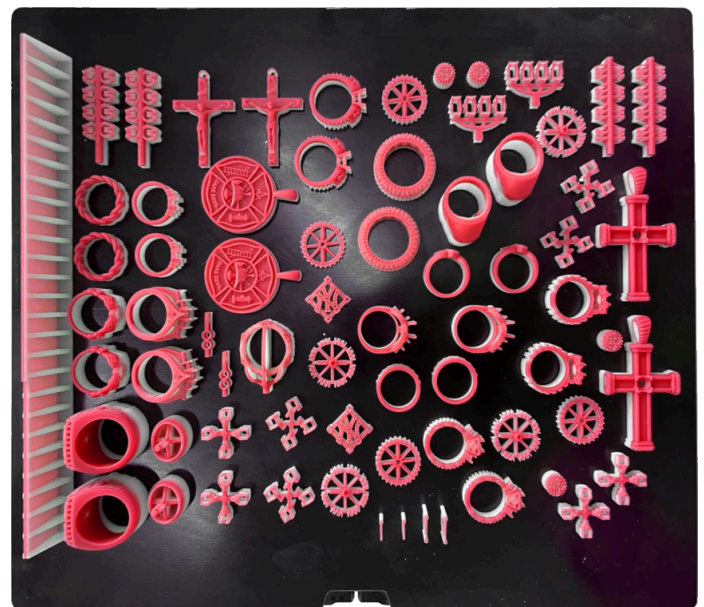
Material Used 20.2g

Support Material Cost

86 Rings \$13.75

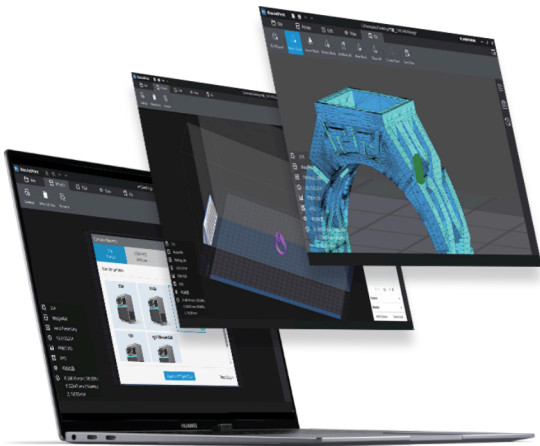
Per Gram \$0.17

Material Used 80.9g



Mass-produce high quality jewelry pieces!
Shorten your time to market & reduce labor costs!

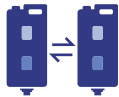
WaxJetPrint Software



One-Button Automatic Printing



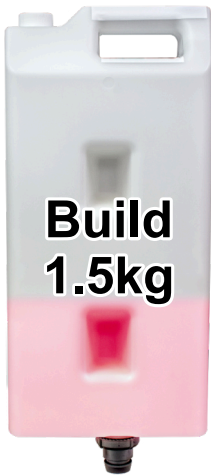
Automatic 3D File Placement



Automatic Material Reloading

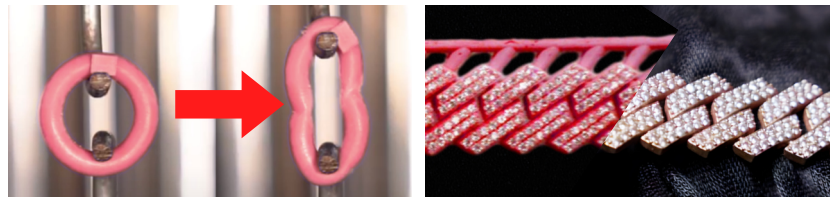


Maintenance Scheduling



FlashForge Wax Material

FlashForge's non-toxic wax materials are perfect for investment casting fields such as jewelry, crafts, precision casting and aerospace.



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

WaxJet 510 XHD Comparison Chart (Based on Single-Lane Print)

	WaxJet 510 XHD	Competing MJP Wax 3D Printer
Ring Quantity	86	81
Run Time	5 hrs 8 min	24 hrs 27 min
Support Material Usage	80.9g	478g
Build Material Usage	20.2g	154g
DPI (Dots Per Inch)	2900 x 2900 x 1700	2000 x 1800 x 2900
Resolution	15 um (XHD)	8.8 um (QHD)
Support Cost Per Job	\$13.75	\$143.40
Build Cost Per Job	\$8.89	\$103.18
Total Material Cost Per Job	\$22.64	\$246.58
Cost Per Build Bottle	\$665 per 1.5k bottle	\$1,005 per 1.5k bottle
Cost Per Gram (Build)	\$0.44	\$0.67
Cost Per Support Bottle	\$265 per 1.6k bottle	\$482 per 1.6k bottle
Cost Per Gram (Support)	\$0.17	\$0.30
Printhead Jets	2080	880

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!