

PROJET MJP 300W

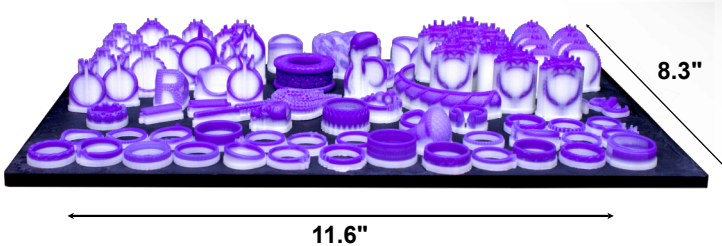
RealWax®, Real Speed, Real Results

A Printing Mode for Every Application

The new **ProJet MJP 300W** is the most versatile **RealWax 3D Printer on the market**. ProJet MJP 300W produces 100% sacrificial casting patterns for high capacity jewelry production. With **4 printing modes** to choose from: **XHD**, **ZHD**, **QHD** and **UHD**, you can choose **ultra-high throughput**, **extreme resolution**, or **the best of both!** Whether you **extremet resolution prints for casting** or **the quickest build time for rapid prototyping**, MJP 300W has a mode for every need!



Now 40% Faster with 50% better X & Y Surface Detail!



Features & Benefits

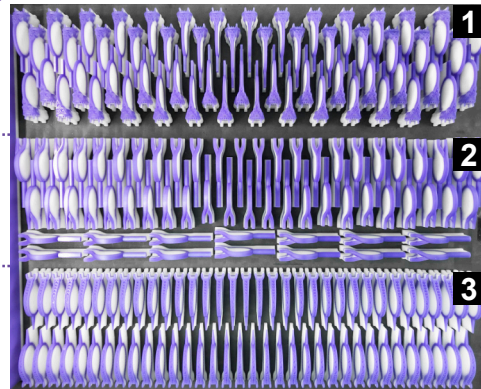
- **Unmatched speed** through **MultiJet Printing Technology**
- **Consistent casting results** with 100% **RealWax®** build & support material
- **Fast and easy post-processing** with **VisiJet® M2 dissolvable support material**
- **VisiJet® M2 Build Material** melts like standard casting waxes with **negligible ash content**

Build Time & Quality

Mode	Time	Microns
UHD	2.5 hrs	25 µm
XHD	4 hrs	16 µm
ZHD	8 hrs	8 µm
QHD	22 hrs	8.8 µm
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UHD	5 hrs	25 µm
XHD	8 hrs	16 µm
ZHD	16 hrs	8 µm
QHD	31 hrs	8.8 µm
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UHD	7.5 hrs	25 µm
XHD	12 hrs	16 µm
ZHD	24 hrs	8 µm
QHD	40 hrs	8.8 µm

MJP 300W Build Times

Rings Per Lane



67 rings
(Lane 1)

134 rings
(Lanes 1 & 2)

201 rings
(Lanes 1, 2 & 3)

VisiJet® Wax Jewel Red

Flexible Wax Build Material

Patterns produced using **VisiJet® Wax Jewel Red** material are **durable, yet flexible**, and **can withstand handling** through the entire lost wax casting process.

They're especially advantageous in creating **lightweight filigree**, **thin wire mesh designs**, and **in-stone casting**, opening up new possibilities in wax 3D printing.

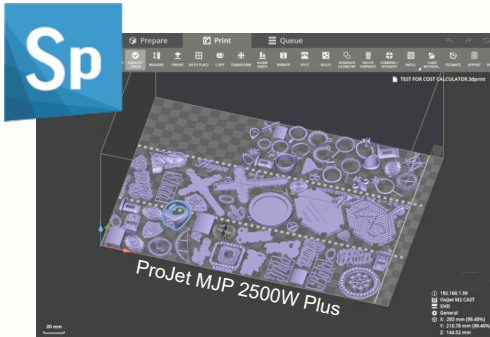
Increased productivity and cost savings by reducing the time and costs associated with fragile patterns breaking.



Supports stone-in-place casting with ease!



GET MORE PATTERNS EVEN FASTER!



3D Sprint™

Streamline your file-to-part workflow with the advanced 3D Sprint™ software. **Automatically arrange** CAD or STL, get **real-time print and material estimates**, switch between **XHD** and **ZHD** printing modes, and even **automatically repair** errors in your model files!

Romanoff offers **3D Sprint Software Training** to get you up to speed with your new 3D Systems purchase and straight to production in record time!

VisiJet® Performance Casting Waxes

VisiJet® **100% wax materials** melt like standard casting waxes with **negligible ash content** in casting.

VisiJet® M2 Cast - Durable for handling and casting fine features. Its high-contrast purple allows for **incredible detail visualization**.

VisiJet® Jewel Red - For the most intricate filigree casting designs with added support for **stone-in-place casting**. Its added durability plus flexibility for opens up new possibilities for wax 3D printing.



Create lightweight, hollow pieces!

Repeatable, Reliable Results

Produce true-to-CAD patterns with exact, razor-sharp edge and fine feature definition for results you can rely on. Smooth surface and sidewall quality means less expensive hand finishing and faster pattern to part workflow.

VisiJet 100% Wax Materials



Material	SKU	Weight
VisiJet Jewel Red	68-3604W-1	1.5 kg
VisiJet M2 Cast	68-2501W-1	1.5 kg
VisiJet M2 SUW	68-3604W-1	1.6 kg

Machine Specifications	
Dimensions (L x W x H)	
3D Printer Crated	55" x 37" x 52"
3D Printer Uncrated	44" x 29" x 42"
Weight (lbs)	
3D Printer Crated	Crated: 715 lbs
3D Printer Uncrated	Uncrated: 465 lbs
Included Software	3D Sprint™ (1 License)
Warranty	1 Year Parts and Labor. Extended Warranty Available

Build Mode	QHD	ZHD	XHD	UHD
Build Envelope	11.6" L x 8.3" W x 5.6" H			
Resolution (X, Y & Z)	2000 x 1800 x 2900 DPI; 8.8 µm	1200 x 1200 x 3200 DPI; 8 µm	1200 x 1200 x 1600 DPI; 16 µm	1200 x 1200 x 1000 DPI; 25 µm
Typical Accuracy	±0.004 in per in (±0.1016 mm per 25.4 mm) of part dimensions			
Build Speed (1"/25 mm per hr)	1 Lane: 22 hr 2 Lanes: 31 hr 3 Lanes: 40 hr	1 Lane: 8 hr 2 Lanes: 16 hr 3 Lanes: 24 hr	1 Lane: 4 hr 2 Lanes: 8 hr 3 Lanes: 16 hr	1 Lane: 2.5 hr 2 Lanes: 5 hr 3 Lanes: 7.5 hr