



Plastic 3D printers - 3D SYSTEMS - ProJet MJP 3600 MAX - MACH-ID 8727



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Make 3D SYSTEMS
Type ProJet MJP 3600 MAX
Year 2016



plastics and true elastomers for real functionality and performance. You can even create composite materials with tailored mechanical properties and print with multiple materials for complex parts with special features such as overmolding.

MJP offers exceptional resolution with layer thicknesses as low as 13 microns. Selectable print modes let you choose the best combination of resolution and print speed, so it's easy to find a combination that meets your needs. Parts have smooth finish and can achieve accuracies approaching SLA precision for many applications.



Three colors printed in a combination of flexible black elastomer and rigid nylon parts.

ACCELERATE TIME-TO-MARKET

MJP users around the world are bringing products to market faster. Validate designs, test performance and

ITERATE FASTER, INNOVATE BETTER

Empower your team to test more design concepts to yield better products. Creativity flourishes when it's this easy to

Print objects that would be impossible to make any other way.

Benefits of MultiJet Printing

The ProJet MJP 3600 series and 5500K employ MultiJet Printing technology to produce the highest fidelity, truest-to-CAD parts of any jetting 3D printing process.

RESULTS YOU CAN TRUST

Print accurate parts that maintain integrity over time, so you can make decisions with confidence.

EASY POST-PROCESSING

Finishing MJP parts is as easy as melting wax. No hand scraping, high-pressure water jets, caustic chemical baths, or special facilities requirements.

MICRO-FINE DETAIL RESOLUTION

The high resolution of MultiJet Printing means even tiny features come out right—and there's no risk of breaking small features during most annealing

SHARP EDGES AND CORNERS

Go ahead and compare—MJP parts have the best defined geometry of any jetting 3D printer.

GREATER GEOMETRIC FREEDOM

With some printers, the inability to remove supports from tight spaces limits design freedom. MJP's wax supports just melt away from even the tightest spaces.

INDUSTRIAL GRADE PRINT HEADS

Every MJP printer comes with an industrial-grade print head designed for

Specifications

X - Travel	11.732 inch
Y - Travel	7.205 inch
Z - Travel	7.992 inch
Resolution	750 x 750 x 1600 Dpi
Accurate	0,002 inch per inch
Dimensions	
Length	32.677 inch
Width	59.055 inch
Height	70.866 inch
Weight	955 lbs

Please Note: The information on this page has been obtained to the best of our ability and belief, and from the manufacturers where possible. It is given in good faith, but its accuracy can not be guaranteed. Accordingly, it will not form a representation or constitute contractual terms. We advise you to check any vital details!



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HIGH DEFINITION PARTS

When getting the finest details right matters, no other jetting printer beats the MJP 3600 series.

CLASS VI CAPABLE FOR HEALTHCARE APPLICATIONS

With biocompatible materials that have passed USP Class VI testing, you can print parts for medical devices and more.



of part dimension	of part dimension	of part dimension
Build Material	Build Material	Build Material
Vulcan M3-X - Rigid White	Vulcan M3-X - Rigid White	Basic materials
Vulcan M3-Crystal - Rigid Clear	Vulcan M3-Crystal - Rigid Clear	Vulcan CR-WT - Rigid White
Vulcan M3-Black - Rigid Black	Vulcan M3-Black - Rigid Black	Vulcan CR-CL - Rigid Clear
Vulcan M3-Phosphor - Rigid Natural	Vulcan M3-Phosphor - Rigid Natural	Vulcan CR-BK - Elastomeric Black
Vulcan M3-Navy - Rigid Blue	Vulcan M3-Navy - Rigid Blue	Vulcan CR-BT - Elastomeric Natural
Vulcan M3-Tachplant - Rigid Gray	Vulcan M3-Tachplant - Rigid Gray	Plus more than 100 composite combinations
Vulcan M3-Procast - Castable	Vulcan M3-Procast - Castable	
Vulcan Support Material	Eco friendly, easily removable wax	
Post-processing	ProJet Finisher	
Included Software	3DSPRINT	
Standard Warranty	1 year parts & labor 5 year printhead	1 year parts & labor 5 year printhead

Composite multi-material 3D printer Your products are made of multiple materials

and now your prototypes and concept models can be printed in multiple materials,

giving your 3D prints more realistic mechanical properties and differentiated colors.

3D Systems' MultiJet Printing (MJP) process creates precise plastic parts that are ideal

for functional prototyping, rapid tooling, and many other applications.

Print rigid or flexible parts with ABS-like plastics and true elastomers

for real functionality and performance. You can even create composite materials with

tailored mechanical properties and print with multiple materials for complex parts

with special features such as overmolding. MJP offers exceptional resolution with layer thicknesses

as low as 13 microns. Selectable print modes let you choose the best combination of resolution

and print speed, so it's easy to find a combination that meets your needs.

Parts have smooth finish and can achieve accuracies approaching SLA precision for many applications.

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