



Powering Breakthroughs, Every Day

Desktop Stereolithography 3D Printers for Powerful Prototyping

Bring Truly Rapid Prototyping In-House

Desktop 3D printing empowers engineers and product designers to rapidly prototype in-house, saving time and costs across conceiving, design, engineering, and validation.

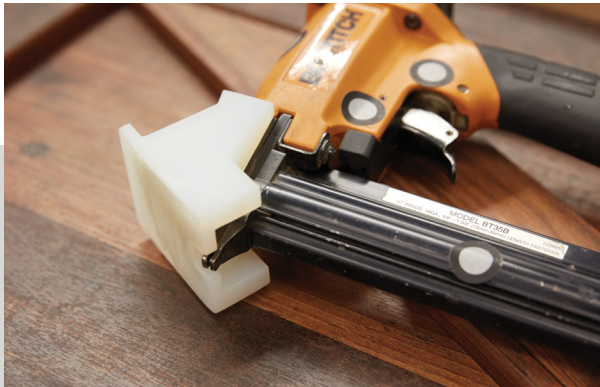
“Any of the big companies that have large shops, they all think, ‘Oh, we’ve gotta have this really expensive machine.’ We have them here, and they’re amazing. The truth is, the Formlabs printer dominates every day. Accuracy, speed, the finish, the ability to take it right off and have a finished part. It’s quite impressive.” — David Beardsley, Model Shop Manager at Google ATAP



GOOGLE ATAP

Bridging Pre-Production Challenges

Google’s Advanced Technology and Projects lab reduced turnaround times by 85% while saving more than \$100,000 using Formlabs 3D printers and High Temp Resin, bridging the gap between prototyping and production for a complex overmolded wearable.



ASHLEY FURNITURE

A Culture of Continuous Improvement

For the world’s largest furniture manufacturer, 3D printing has enabled employee-driven changes that have saved significant time and costs in getting products to market, and empowered staff to be more productive, and focus on more creative work.



OXO

Versatile, Fast Prototyping

OXO uses Draft Resin to quickly iterate design concepts like this travel mug lid before producing prototypes in more advanced materials like High Temp Resin for functional testing.

Family of Tough and Durable Resins

TOUGH 2000 RESIN for Rugged Prototyping

Tough 2000 Resin is the strongest and stiffest material in our functional family of Tough and Durable Resins. Choose Tough 2000 Resin for prototyping strong and sturdy parts that should not bend easily.

TOUGH 1500 RESIN for Resilient Prototyping

Tough 1500 Resin is the most resilient material in our functional family of Tough and Durable Resins. Choose Tough 1500 Resin for stiff and pliable parts that bend and spring back quickly.

DURABLE RESIN for Pliable Prototyping

Durable Resin is the most pliable, impact resistant, and lubricious material in our functional family of Tough and Durable Resins. Choose Durable Resin for squeezable parts and low-friction assemblies.



Solve Complex Engineering Challenges With a Range of Functional Materials

DRAFT RESIN for Truly Rapid Prototyping

Our fastest printing material, Draft Resin is suitable for printing large, bulky parts quickly. With a 300 micron layer height, it's accurate enough to meet prototyping needs while enabling faster design iterations.

GREY PRO RESIN for Versatile Prototyping

Grey Pro Resin offers high precision, moderate elongation, and low creep. This material is great for concept modeling and functional prototyping, especially for parts that will be handled repeatedly.

ELASTIC 50A RESIN for Soft Flexible Parts

Our softest Engineering Resin, this 50A Shore durometer material is suitable for prototyping parts normally produced with silicone. Choose Elastic Resin for parts that will bend, stretch, compress, and hold up to repeated cycles without tearing.

HIGH TEMP RESIN for High Thermal Stability

High Temp Resin offers a heat deflection temperature (HDT) of 238 °C @ 0.45 MPa, the highest among Formlabs resins. Use it to print detailed, precise prototypes with high heat resistance.

RIGID RESIN for Stiffness and Precision

Rigid Resin is filled with glass to offer very high stiffness and a polished finish. This material is highly resistant to deformation over time and is great for printing thin walls and features.

FLEXIBLE 80A RESIN for Hard Flexible Parts

An 80A Shore durometer material for more rigid flexible parts with a matte-black soft-touch finish. Choose Flexible Resin to create ergonomic features as part of larger assemblies.

INTRODUCING



Form 3

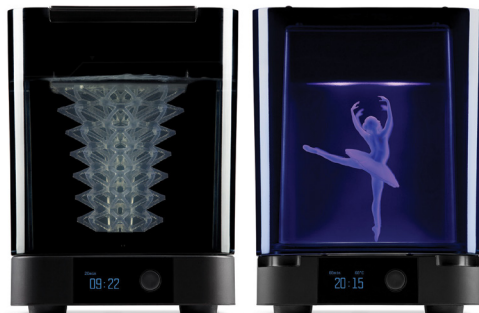
Flawless Prints, Every Time

Scale prototyping and production as your business grows with the Form 3, an affordable, industrial-quality 3D printer that consistently delivers.

Form 3L

Small Details, Big Results

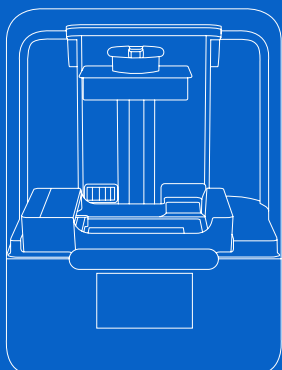
Scale up your in-house print production with the Form 3L, an easy to use large format 3D printer for reliable production of industrial-quality parts at an unprecedented value.



Form Wash + Form Cure

Automated Post-Processing

Built to complete the stereolithography (SLA) engine, Form Wash and Form Cure streamline the entire 3D printing process to consistently deliver high-quality results with less time and effort. This system for automated washing and powerful post-curing is designed to help you get the most from your printer.



Form 3 Tech Specs

The Next Generation of Industrial 3D Printing

Technology

LFS™ Low Force
Stereolithography

Layer Thickness

25 - 300 microns
0.001 - 0.012 in

Dimensions

40.5 × 37.5 × 53 cm
15.9 × 14.8 × 20.9 in

Optics Engine

1 Light Processing Unit
250 mW laser power
25 micron (0.001 in) XY
resolution

Build Volume

14.5 × 14.5 × 18.5 cm
5.7 × 5.7 × 7.3 in

Warranty

One Year Warranty included.
Extended Warranty,
Pro Service, and Enterprise
Plan available.