

# Large Format Finishing

Consistent, Automated Post-Processing  
for Large Scale 3D Prints



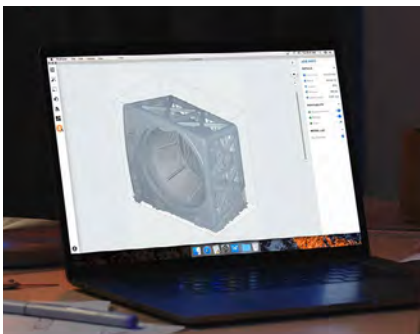
# Formlabs Ecosystem



Formlabs is known for designing end-to-end additive workflows you'll be excited to use. From setting up your print to post-processing your part, our suite of products streamlines the 3D printing workflow to produce ready-to-use parts with minimal intervention. The Form 3L and Form 3BL ecosystem bring this experience to large format 3D printing.

This document will guide you through the different post-processing options for the Form 3L and Form 3BL to help make your large format 3D printing workflow as efficient as possible.

## DESIGN



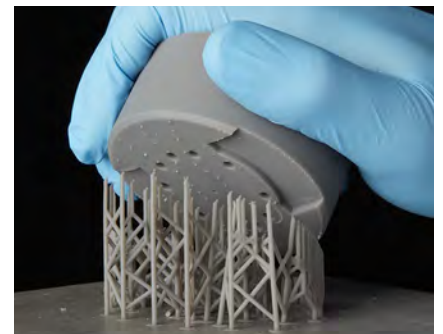
Design your model in the CAD software of your choice and import an STL or OBJ file into our PreForm print preparation software.

## PRINT



Print your parts on a Form 3L or Form 3BL 3D printer.

## POST-PROCESS



Wash and post-cure your parts with our post-processing solutions and easily tear away any supports so your parts are ready for use.

## Post-Processing Options for Form 3L and Form 3BL:

All SLA printed parts require washing to remove residual resin and most benefit from post-curing to achieve peak material properties and dimensional accuracy.

- Use Form Wash L and Form Cure L for an automated solution for washing and post-curing full-size Form 3L and Form 3BL prints, or for batch processing of smaller prints.
- The Form 3L Finish Kit may be satisfactory for a manual solution for washing full-size Form 3L and Form 3BL prints.
- Form Wash and Form Cure may be satisfactory for an automated solution for washing and post-curing smaller Form 3L and Form 3BL prints.

To assist with removing parts from the build platform and detaching supports, each Form 3L and Form 3BL package includes:

- ✓ Build platform jig
- ✓ Rinse bottle
- ✓ Drying tray
- ✓ Disposable nitrile gloves
- ✓ Flexible scraper
- ✓ Tank tool
- ✓ Scraper
- ✓ Flush cutters

# Large Format Automated Systems

Streamline your workflow and consistently produce clean, high-quality, accurate parts with our automated, large format post-processing machines. Form Wash L and Form Cure L are ideal for washing and post-curing full-size Form 3L and Form 3BL prints, or for batch processing of smaller prints.



## Form Wash L

Form Wash L agitates solvent to remove residual resin from printed parts, leaving you with a smooth, clean, high-quality part every time. Form 3L and Form 3BL parts can be washed directly on the build platform, or removed and placed in the wash basket.

- Compatible with isopropyl alcohol (IPA) and tripropylene glycol methyl ether (TPM) wash solvents.
- The embedded solvent monitor automatically informs you when it's time to replace the solvent.
- Pre-programmed wash settings for each Formlabs material increases your efficiency and avoids over-soaked, warped prints.
- Maximum part size: 13.2 × 7.9 × 11.8 in (33.5 × 20 × 30 cm).



## Form Cure L

Form Cure L brings parts to their peak mechanical properties and dimensional accuracy using heat, UV light, and consistent universal exposure. Once dry, parts can be transferred directly from the Form Wash L to the Form Cure L.

- Powerful heaters and LED modules, a reflective inner cavity, and a rotating glass turntable ensure a consistent, high-intensity cure.
- Pre-programmed cure settings for each Formlabs material increases your efficiency.
- Maximum part size: 13.2 × 7.9 × 11.8 in (33.5 × 20 × 30 cm).

## The Form 3L Finish Kit

The Form 3L Finish Kit helps keep your workspace clean and organized while putting the finishing touches on your large scale 3D printed parts. The Form 3L Finish Kit includes a large-format rinse bucket for rinsing prints directly on the Form 3L build platform or removed and placed directly in the bucket. Form 3L Finish Kit is designed to meet OSHA standards for use with isopropyl alcohol (IPA), tripropylene glycol monomethyl ether (TPM), and some other solvents.



# Automated Desktop Solutions

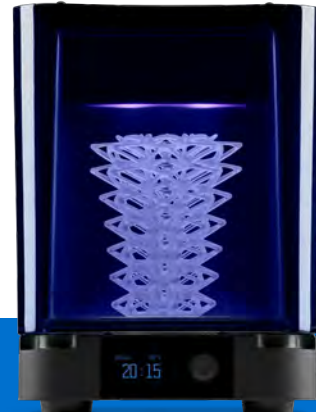
Form Wash and Form Cure may be viable for automated washing and post-curing of small Form 3L and Form 3BL prints.



## Form Wash

The Form Wash automates the print washing process for consistent, thorough, no-mess cleaning. Smaller Form 3L and Form 3BL parts can be transferred from the printer to the Form Wash, by removing them from the build platform and placing them in the wash basket.

- Compatible with isopropyl alcohol (IPA) and tripropylene glycol methyl ether (TPM) wash solvents.
- Maximum part size: 5.7 x 5.7 x 6.9 in (14.5 x 14.5 x 17.5 cm)



## Form Cure

The Form Cure automates the post-curing process, precisely combining heat and light to consistently post-cure prints. Smaller Form 3L and Form 3BL parts can be transferred from the Form Wash to the Form Cure.

- Reflective inner cavity and rotating glass turntable ensure a consistent cure.
- Maximum part size: 5.7 x 5.7 x 6.9 in (14.5 x 14.5 x 17.5 cm)

## Get Started Now

Formlabs 3D printers are ready to plug and print right out of the box, no specialized training required.

