BLAZING SPEED MEETS INDUSTRIAL PRODUCTION

formlabs

FORM 4 + FORM 4L
SLA ECOSYSTEM

SO INTUITIVE THAT ANYONE CAN LEARN TO PRINT IN 15 MINUTES.

Create High-Quality Parts With an End-To-End 3D Printing Ecosystem

CHOOSE A MATERIAL   01

Material Selection

Tackle any problem with our industry-leading materials, or use Open Material Mode.

- Leverage high-performance materials optimized for impact resistance, rigidity, flame retardancy, flexibility, and more
- Form 4B and Form 4BL enable printing with biocompatible resins
- Print with any 405 nm photopolymer resin using Open Material Mode
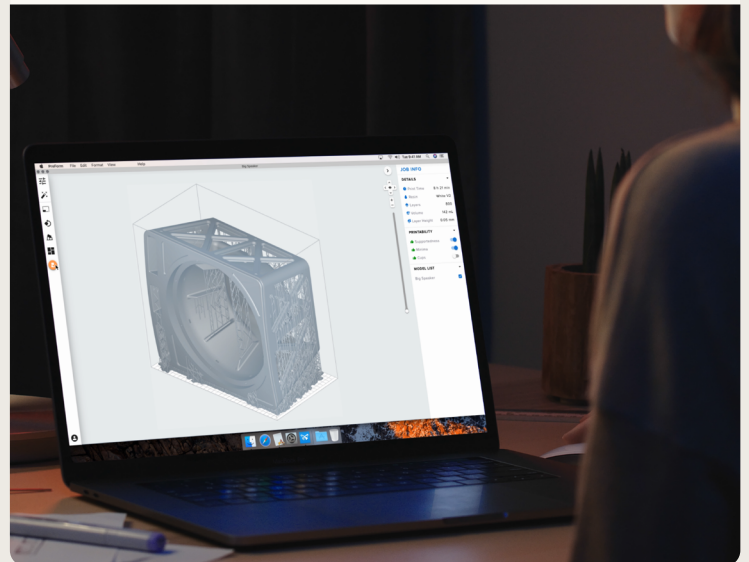

PREPARE   02

File Setup

Import your model and prepare your print in PreForm.

- Validated, editable material print settings
- Optimized auto-orientation
- Live printability checks

Printer Setup

Upload your print file, load a material, and click print.

- Printer touchscreen guides the setup process
- Mess-free, interchangeable cartridges and tanks
- Automatic resin dispensing and optional Resin Pumping System

PRINT — 03

Speed
Get more done with most prints in under two hours on Form 4, or six hours on Form 4L.

- Average print speed of 20-40 mm/h and top print speed of 100 mm/h
- Consistent print speed whether you're printing one part or a full build platform
- Print times rival or beat those from leading FDM 3D printers

Reliability
Unmatched reliability. Stop coming back to failed prints.

- 98.7% print success rate, independently tested by a third-party lab
- Long-lasting consumables
- Intelligent control systems

Online Print Tracking
Manage multiple printers, users, or locations remotely.

- Monitor print progress and material usage
- Add prints to the queue
- Track consumables and print statistics

POST-PROCESS — 04

Wash
Set it and forget it.

- Wash parts on the build platform
- Thorough cleaning with powerful agitation
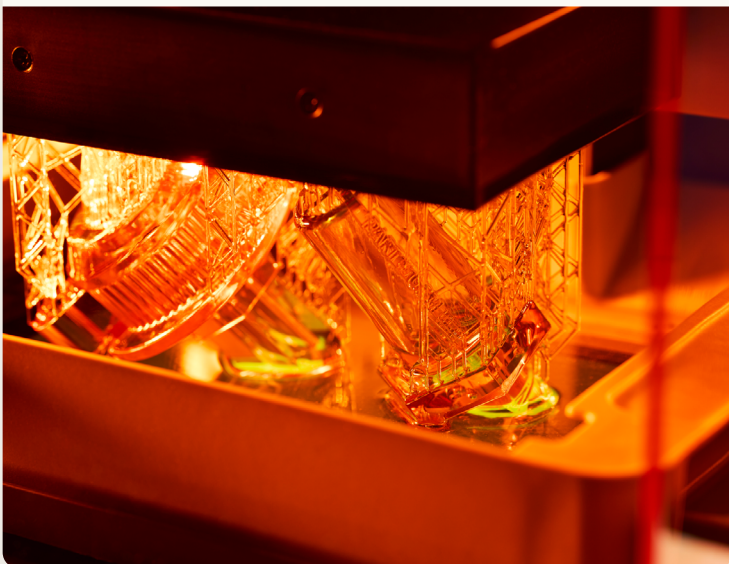- Adjustable solvent volume for different part sizes

Cure
Cure most parts in 60 seconds.

- Heats to 60 °C in under a minute
- Pre-programmed cure cycles for consistent results
- Delivers 14.5 mW/cm² irradiance and a maximum temperature of 100 °C

Finish
Presentation-ready parts straight out of the printer.

- Quick-release part removal with Build Platform Flex
- Light-touch supports tear away with ease
- Coat, paint, or polish parts for custom finishes

Tech Specs

	FORM 4	FORM 4L
Technology	Low Force Display™ (LFD)	
Build volume (W x D x H)	20 x 12.5 x 21 cm	7.9 x 4.9 x 8.3 in	35.3 x 19.6 x 35 cm	13.9 x 7.7 x 13.8 in
Layer thickness (Z resolution)	25-200 µm	0.001-0.008 in	
XY resolution	50 µm	46 µm
Average print speed (100 µm layer height)	40 mm/h	24 mm/h
Maximum print speed	100 mm/h	80 mm/h
Resin Tank lifetime	75,000+ layers with any Formlabs material	
Printer weight	18.3 kg	40.4 lb	58.5 kg	129 lb
Printer dimensions (W x D x H)	39.8 x 36.7 x 55.4 cm	15.7 x 14.5 x 21.9 in	66.4 x 52.8 x 79.4 cm	26.1 x 20.8 x 31.3 in
Warranty and service	One-year warranty included Paid service and extended warranty options available	
Software compatibility	Mac OS X 10.12 and up // Windows 7 and up	
File types accepted	Mesh files (STL, OBJ, 3MF) STEP files (STEP, STP, STPZ) SOLIDWORKS files (SLDPRT, SLDASM) PTC Creo files (PRT, ASM) Jupiter Tesselation files (JT) CATIA V5 files (CATPart, CATProduct)	

"Form 4's **speed and materials versatility** enable us to create multiple prototypes and manufacturing aids every day. The printer has already changed the way we design and produce parts **helping us drive efficiency in our product development.**"

Bruno Alves,
Development Engineer AM/IM, Ford Motor Company

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AUTHORIZED PARTNER