formlabs 😿 | dental

Formlabs Automation Ecosystem

Reach New Levels of Productivity With Automated 3D Printing

Reach new levels of productivity with an automated 3D printer fleet to maximize throughput for 24/7 production while minimizing labor and costs. Skyrocket your ability to produce high-quality and affordable dental models quickly without operator interactions, challenging the idea of your lab's limitations. Automatically operate your fleet to reduce idle printer time with an easy-to-implement solution including Form Auto, Fleet Control, and the High Volume Resin System.



Labor savings up to

Reduce packaging waste by

96%*

Lower cost per part by 40%

Increase productivity by

Increase resin capacity by

5x

Values will vary based on part geometry, material, layout and orientation. * Value shared is not final and subject to change

| | hboard Formiabs × + | | | |
|-------------------|--|--|-----------------------|------------------|
| S Dashboard | n maaseennijoasinooarojinja nino | | | |
| A Overview | Prints | | | |
| Timeline Timeline | Active Prints Print History | | | |
| Prints | 🛱 All Printer Groups + 👪 All Printer Types + 💧 | All Materials • 🛕 Print Status • 🚊 All Users | | |
| in Protect | PRINTS IN PROGRESS | | | |
| | Arches 221208 P0087531 | RustyRhino | Draft V2 | Maxim Lobovsky |
| | Model 221208 P0094572 | CogentTrout | 💧 Model V3 | O Curt Branch |
| | Test print | CultyFly | Droft V2 | 🕒 Sofia Arroyo |
| | P0012495 | E FernicoPanda | Custom Tray V1 | Scarlet Ordonez |
| | Denture Teeth 221208 P0035738 | 🧧 GenuineGorilla | () Denture Teeth | O Laurence Akin |
| | Indirect Bonding Trays 221208 P0045124 | E CalmShark | libt V1 | 🕒 Maxim Lobovsky |
| | Progressions P0019578 | EminentSwan | ∲ Draft V2 | Curt Branch |
| | Permanent Crowns 221209 P0036283 | E ShrewdWalrus | Permanent Crown B1 V1 | O Curt Branch |
| | QUEUED PRINTS | | | |
| | = 1 Dratt100 Vertical Horseshoe v2 | Unassigned | Clear V4 | Roel Stein |
| | = 2 Model V3 Sample V1 Job (4) | Unassigned | 🍐 Model V3 | Roel Stein |
| | = 3 In Draft V2 with Nets | Unassigned | Draft V2 | Roel Stein |
| | = 4 Internet V2 with Nets | Unassigned | Draft V2 | Roel Stein |
| | = 6 🧼 Model V3 Sample V1 Job (4) | Unassigned | 🍐 Model V3 | Roel Stein |
| | | | | |

Save Money and Time

With automated queue management, printing, and part removal, production doesn't have to stop when you leave work. Continuously operate printers unattended overnight or over the weekend to reduce turnaround times and deliver high-quality dental parts on time to patients.





Fleet Control

Activate new, advanced features within our Dashboard and PreForm software that leverage automation and workflow optimization for advanced fleet management including centralized queue management and automatic printer assignment.

Form Auto

Instantly automate your new or existing Form 3B/3B+ 3D printer. Form Auto seamlessly removes finished parts from the Build Platform 2 and starts the next print without the need for operator interaction, enabling 24/7 printing without downtime.



High Volume Resin System

The High Volume Resin System seamlessly delivers 5L of resin through a pumping system, enabling your Form 3 generation 3D printers to run continuously with 5x the capacity of a standard cartridge.

Realize the Benefits of High-Throughput Automated 3D Printing

Scale your lab's capacity to handle any workload and produce parts more quickly and affordably than ever with the Automation Ecosystem. Redefine throughput and realize cost per part savings:



Occlusal Splints Dental LT Clear Resin (V2)

42 Parts Produced Per Day With Automation Ecosystem

\$4.62 Cost Per Part Without Automation Ecosystem

\$2.94 Cost Per Part With Automation Ecosystem



Quadrant Restorative Models Model Resin

104 Parts Produced Per Day With Automation Ecosystem

\$2.93

Cost Per Part Without Automation Ecosystem

\$1.68 Cost Per Part With Automation Ecosystem



Orthodontic Models Draft Resin

176 Parts Produced Per Day With Automation Ecosystem

\$3.11

Cost Per Part Without Automation Ecosystem

\$1.89

Cost Per Part With Automation Ecosystem

Get Started Now.

The Formlabs Automation Ecosystem is waiting for you.

