## 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

**5**x

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 Dante Directioned Day Day

**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.

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