

WHAT CAN YOU PRINT IN 3 MINUTES?

FFF PRINTING FLEXIBILITY



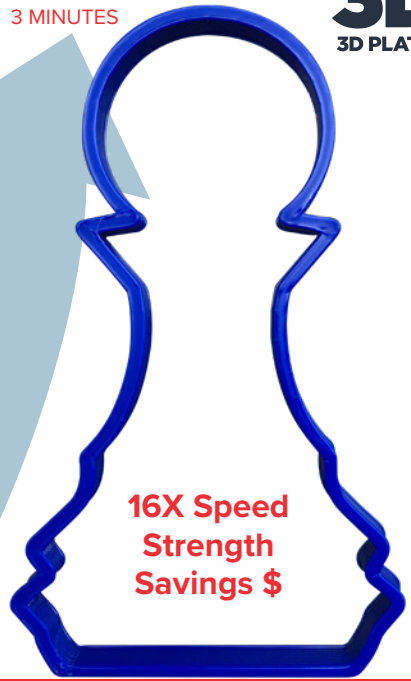
3D Platform gives you the power to choose, allowing you to maximize your bottom line.

When you need fine, detailed parts, print them. When you need fast, inexpensive parts, print them.

3 MINUTES



3 MINUTES



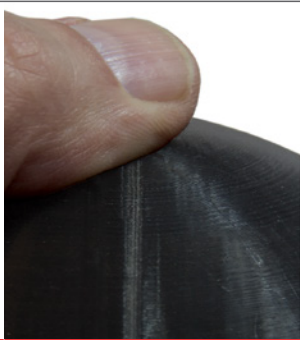
**16X Speed
Strength
Savings \$**

Industry Standard Extruder

3D Platform HFE900 Extruder

MONETIZED EXAMPLE

Part Height: 12" (310mm)
Diameter at Base:
6" (160mm)



	FINE	MEDIUM	FAST
Nozzle	0.25mm	1.20mm	3.50mm
Layer	0.06mm	0.84mm	1.25mm
Print Time	113:12	11:30	2:25
Post Processing Cost	\$10	\$180	\$240
Machine Time Cost (\$60 / hour)	\$6,787	\$690	\$135



3D Print Post Processing

- Step One:**
PPG brand Adhesive promoter DPX 801
- Step Two:**
PPG brand High-Solid Clear DCU 2002
(4 coats applied as a primer)
- Step Three:**
Wet sanding in preparation for
opaque finish
- Step Four:**
Apply design, airbrush and final clear



3D PRINT POST PROCESSING LINK:
<https://youtu.be/bLh3uF7J9tw>



3D PLATFORM

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ONLY
3DPlatform
Gives You Options

TIME = \$
FINE, FAST, or FINISH

You Choose Your Settings
To Maximize Your Bottom Line



TIME = \$
FINE, FAST, OR FINISH
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To Maximize Your Bottom Line

3D Platform is helping companies increase their bottom line. Do you want to spend \$6,787 for a part or do you want to spend \$135? **The choice is yours with 3DP.**

Several factors can influence your decision - Size, detail, how used, deadline, cost and when your machine needs to be used next are just a few. During early design iterations, you want parts **FAST** and at a low cost. For tool production, you need **FINE** and precise. For a tradeshow prototype, or for larger prints, you can have fast & low cost by applying a high-fill primer (post-processing) for a **FINISHED** final product. (See chart on back)



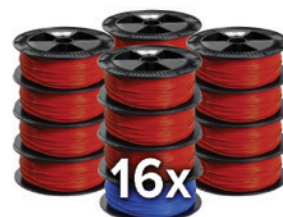
FINE
\$6,787
113:12 Hours

FAST
\$135
2:25 Hours

MEDIUM
\$690
11:30 Hours

Example Parts: Height 12" (310mm) Diameter at Base: 6" (160mm)

3D PLATFORM FILAMENT EXTRUDERS ARE THE FASTEST ON THE MARKET. WITH UP TO 16X SPEED OVER THAT OF COMPETITORS, YOU CAN PUSH ADDITIVE MANUFACTURING TO NEW HEIGHTS.



Increase Your Print Speed **Up to 16x**
Spools printed per day (24 hours) / per extruder

Industry Baseline
VOLCANO

NEW
HFA

NEW
HFE 300

NEW
HFE 900

Use a small diameter nozzle for fine layer resolutions.

Use a large extruder and a large diameter nozzle for fast printing and ultra-strong parts.

Volume / Second: 18mm³/s
Volume / Hour: 3.9in³/hr
Nozzle Size Range: 0.2 - 1.2mm

Volume / Second: 35mm³/s
Volume / Hour: 7.7in³/hr
Nozzle Size Range: 0.4 - 2.4mm

Volume / Second: 70mm³/s
Volume / Hour: 15.4in³/hr
Nozzle Size Range: 1.0 - 2.4mm

Volume / Second: 273mm³/s
Volume / Hour: 60.0in³/hr
Nozzle Size Range: 1.0 - 4.8mm

Key Print Properties	◀ SLOWER	PRINT TIME	FASTER ▶
	◀ HIGHER	MATERIAL COST	LOWER ▶
	◀ FINER	SURFACE FINISH	COARSER ▶
	◀ WEAKER	STRENGTH	STRONGER ▶
	◀ HIGHER	COST	LOWER ▶

EXTRUDER COMPATIBILITY

	VOLCANO	Standard	Standard	N/A	N/A
	HFA	Option	Option	Standard	Standard
	HFE 300 HFE 900	N/A	Option (Limited speed)	Option	Option
		100 WORKSERIES	200 WORKSERIES	300 WORKSERIES	400 WORKSERIES

3DP-LITElevator-001 v3 (Web V)