

# WORKSERIES

Additive Manufacturing System



300 Series  
WORKBENCHPRO



100 Series  
WORKTABLE



200 Series  
WORKBENCHCLASSIC



400 Series  
WORKBENCHXTREME

THINK  
PRINT  
SAVE | BIG  
The **most trusted** open-market 3D printer

- ▶ Largest, Fastest, Most Durable, High Print Quality, Industrial 3D Printer. Base Machines Starting at **\$14,999 to \$36,999 USD**
- ▶ From 1 m x 1 m x 0.5 m to 1 m x 1.5 m x 0.7 m Build Area
- ▶ Print Speeds Up to 16x Faster than Industry Norm
- ▶ Trusted by **Fortune 100** Brands

**3DP**  
3D PLATFORM

# THINK PRINT SAVE | BIG

The **most trusted** open-market 3D printer

At 3D Platform, we are committed to making your biggest ideas a reality. As a global leader in manufacturing **LARGE FORMAT** industrial strength 3D printers, our team is focused on driving advancements in technology to innovate, design, and build next-generation equipment for additive manufacturing at an **AFFORDABLE** price.

## THE MOST TRUSTED OPEN-MARKET 3D PRINTER

When top industry leaders are looking to stay competitive in a demanding market, 3D Platform is who they call. We are trusted by Fortune 100 companies to deliver solutions that meet the unique design needs of the most innovative ideas. Recognized worldwide, our global distribution network supported by Certified Service Providers has helped us deploy more large-format, open-market 3D printers than anyone else. **That's Big.**

## STARTING UNDER \$15,000 USD

High-quality and industrial strength shouldn't come with a high price tag. Our passion is to build the largest, fastest, most durable open-market 3D printers starting UNDER \$15,000 USD. This is our cost savings advantage – a commitment that can **SAVE** you up to **90%** on your investment compared to our competitors.



“WE’RE SAVING A \$1,000<sub>USD</sub> PER WEEK...  
WHAT TOOK A WEEK NOW TAKES A DAY...”

— *New Business Development Manager, Global Consumer Goods Company*

# WORKSERIES

## Big Just Got Bigger

### And a Whole Lot Faster

We design products that push the limits of innovation. Our focus on size, speed, flexibility, and durability is meant to help expand your business capabilities to new levels. Why choose 3D Platform? Because your **BIGGEST** ideas should become a reality.



300 Series  
WORKBENCHPRO

#### BIG

- Fused Filament Fabrication (FFF) type 3D printer with up to **1 m x 1.5 m x 0.7 m (39.3 in x 59 in x 27.5 in)** build area. Eliminates the need to scale down or print multiple parts that require assembly. Cuts market entry time with rapid design iteration.
- **211x** larger build area than a typical desktop 3D printer.
- Built-in storage drawers and cabinets for useful additive manufacturing tools and materials.\*

#### ECONOMICAL

- Capitalize on the cost-effective open-market advantage, low purchase price and low operating costs.
- Up to **90% savings** using open-market materials and software.

#### ACCURATE

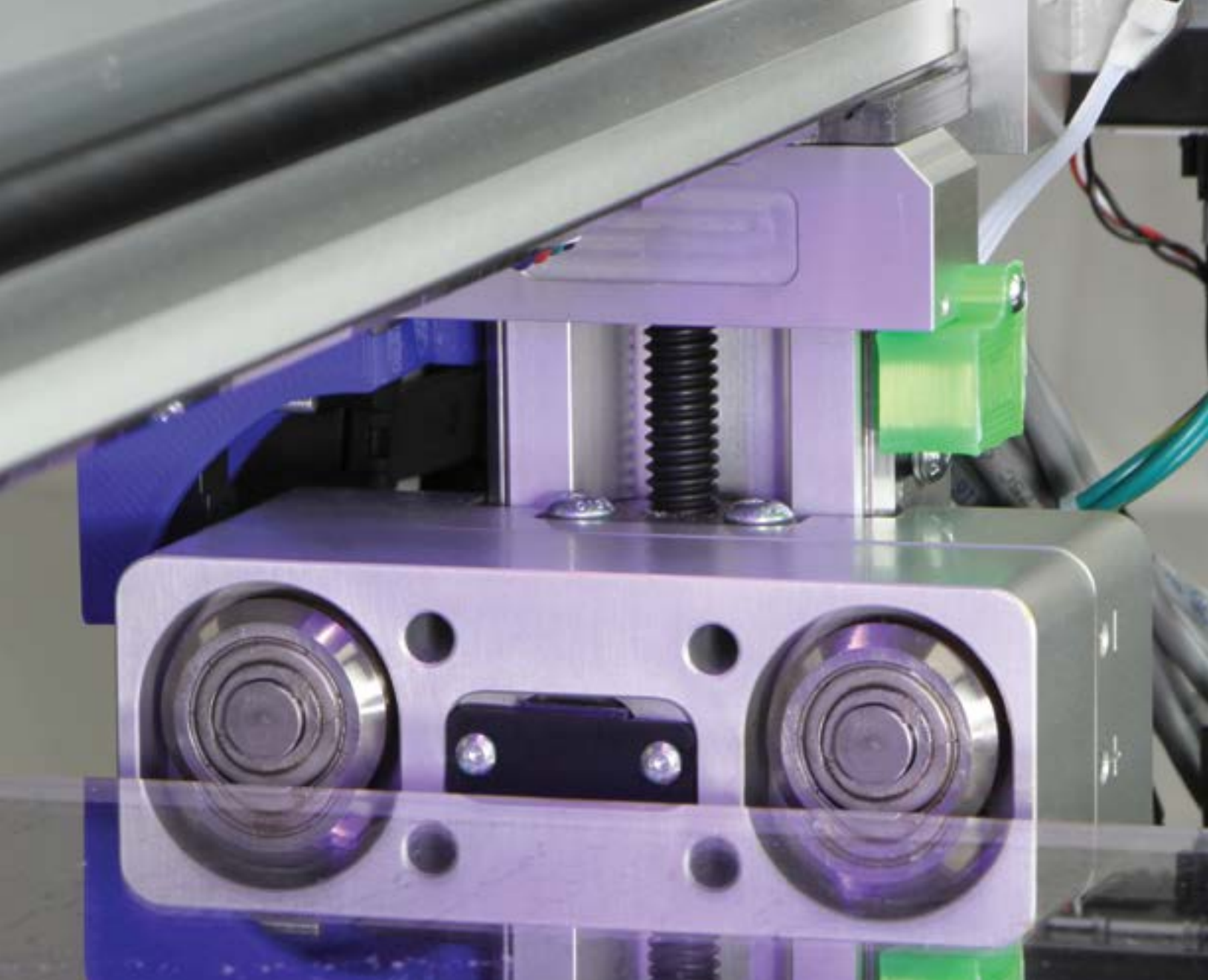
- SurePrint™ Servo Technology delivers **superior print quality** and **cuts print time by 50%**.
- Closed-loop control provides positional feedback every 1.25 microns, enabling fast and reliable printing.
- Print layer resolutions down to **50 microns**.
- **60% reduced energy** consumption and **50% lower** running temperature.

#### ROBUST

- **Industrial strength mechatronics** deliver **superior performance** and reliability.
- SIMO® Series actuators and Constant Force™ anti-backlash lead screws and nuts provide rugged, industrial framework that won't let you down.

\*Not available on 100 Series WorkTable.



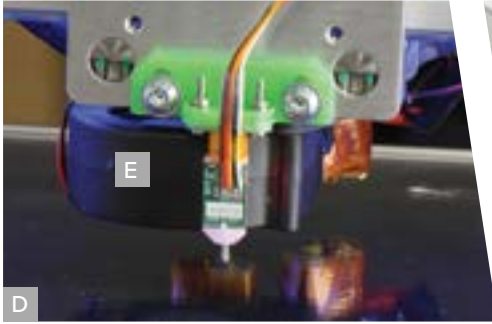


## INDUSTRIAL STRENGTH ENHANCED MECHATRONICS

deliver superior speed and higher print quality. Four times greater performance and accuracy at top speeds. Twice as fast acceleration and deceleration.

SIMO® Series actuators and Constant Force™ anti-backlash lead screws and nuts provide rugged, industrial framework, and up to **105% More Build Volume**.

**BOROSILICATE GLASS HEATED BUILD PLATFORM** is thermally stable and offers the ideal print surface for optimal printing and easy clean-up.



# Features & Benefits

**A TOUCH SCREEN BRAINBOX** (HMI – Human Machine Interface) comes equipped with a 32-bit chip and optimized firmware to produce the highest quality, accuracy, and resolution detail for your 3D prints. The BrainBox is 1,000% faster and 1,000% smarter than our last generation BrainBox. This quick-swappable box provides for future upgrades without the need for a technician.<sup>†</sup>

**B** Not in the office? **REMOTE ACCESS** via Wi-Fi or ethernet allows you to login through your mobile device to control your WorkSeries printer. Remotely stop and restart prints anywhere you have internet access. Also, get detailed print information and statistics. <sup>††</sup>

**C SUREPRINT™ SERVO TECHNOLOGY** delivers superior print quality and cuts print time in half. Closed-loop control provides positional feedback every 1.25 microns allowing you to print layer resolutions down to 50 microns.

**D TOUCH PROBE** provides state-of-the-art auto mesh bed leveling up to 441 points. Shortens set-up times and increases productivity.<sup>†</sup>

**E** Fully Programmable **ADVANCED COOLING SYSTEM** provides rapid cooling to the print head for optimal material cooling and increased print speeds and print quality.

**F INDUSTRIAL WORKBENCH** provides a convenient wood work area. Built-in storage drawers and cabinets allow for easy access to tools and materials. Electronics drawer provides easy access to power distribution. Non-slip lockable casters provide safety and mobility.<sup>†</sup>

**G FOLDING GANTRY** fits through a standard door and allows you to conveniently locate your WorkSeries printer where you want.

“SIMO” and “Constant Force” are registered trademarks of PBC Linear and are used with permission.

<sup>†</sup> Not available on 100 Series WorkTable.

<sup>††</sup> Dependent on user security settings.



PROTOTYPING



PRODUCTION



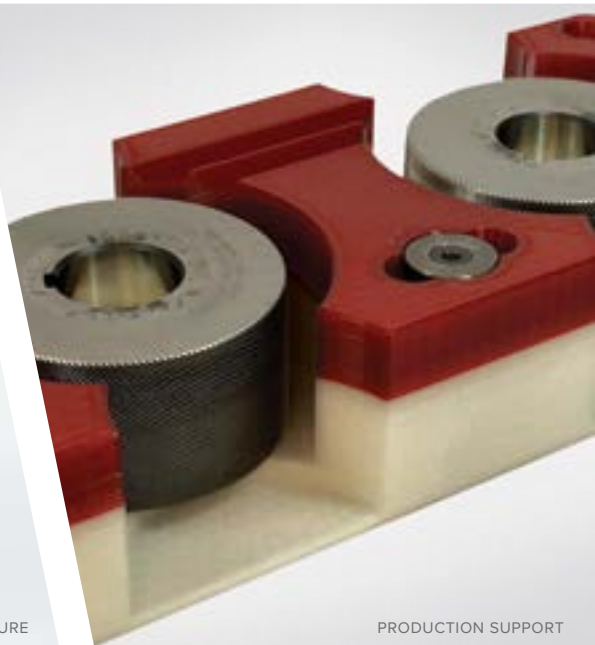
CUSTOMIZATION



# Big Affordable Solutions...



DESIGN & ARCHITECTURE



PRODUCTION SUPPORT



LEAN MANUFACTURING

CREATIVE



ORTHOTICS



# ...for a Wide Range of **Applications.**

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We help you design without limitations. Our solutions provide customized, full-scale printing capabilities for companies looking to lead – not follow – accelerating the time from ideation to application at an affordable price.

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## **RAPID PROTOTYPING – ITERATE AGAIN AND AGAIN**

The perfect product rarely comes out of the initial design. The WorkSeries allows you to develop custom prototypes quickly and at a low cost, giving you the opportunity to refine and test to perfection... again and again and again.

## **LEAN MANUFACTURING BEGINS WITH 3D PLATFORM**

3D printing allows you to optimize fixtures, jigs, and manufacturing aids. The WorkSeries opens the door to custom tool production and refined processes, helping to reduce incremental tooling costs and risks. Lean manufacturing initiatives just got BIGGER support with 3D Platform.

## **PRODUCTION ON A FASTER SCALE**

Breakaway from manufacturing constraints and produce precision parts faster without expensive tooling. The WorkSeries' large build area enables users to mass-produce end-use parts with multiple nozzle diameter options quickly and cost effectively.

## **HELPING TO ADVANCE ORTHOTICS & PROSTHETICS**

Help revolutionize the medical industry with fast, custom orthotics and prosthetics (O&P). Our open-market 3D printers will accelerate the development and manufacturing times associated with custom O&P. Plus, the large print area expands your opportunity in O&P manufacturing allowing for the printing of torso orthotics, entire limb prosthesis, or multiple smaller parts, further advancing your medical innovation.

## **EXPANDING THE WALLS OF DESIGN & ARCHITECTURE**

We're helping to push the visual limits of design by giving architects and designers the opportunity to produce large objects in their own studio, bringing the structural detail to life. Our cost effective 3D printers are pushing the boundaries of what designers can create, helping them believe that truly anything is possible.

## **CREATE ON A BIGGER LEVEL**

Creative professionals can expand and accelerate ideation with 3D printing technology. 3D Platform enables 3D artists to unleash their creativity and bring BIG ideas to life. Large build area allows for full-scale printing, without scaling down or multiple parts that require post-print assembly.

## **BRINGING RESEARCH & DEVELOPMENT TO MARKET FASTER**

Test, learn, and explore additive manufacturing processes. With 3D printing technology, our products are helping research and development teams, educational institutions, and scientists to experiment, refine processes, and develop new product ideas quickly and cost-effectively.

## **CUSTOM PRINTING FOR ALL YOUR BIG IDEAS**

The WorkSeries are designed to deliver innovative solutions for the most challenging applications and the most in-demand industries – but that's just the beginning. With superior speed, precision, large build envelope, and access to open-market materials, our 3D printers create a blank canvas for your custom ideas, making anything possible.

# Your Ideas are Just the Beginning...



## EXPANDED 3D PRINTING CAPABILITIES

The WorkSeries was designed to expand the possibilities of 3D printing, because your BIG ideas shouldn't have limitations. With advanced processes in 3D printing – such as **inserts**, **core modeling**, and **multiple materials** – we are expanding the capabilities of our 3D printers to new levels.

You can incorporate non-printed elements such as **fasteners**, **electronics**, **screen filters**, **switches**, **sensors**, or even **metal substructures** directly into a printed part. This enables you to produce fully functional models, prototypes, and finished products that will help you differentiate in the market. That's not possible with those fully enclosed 3D printers that operate in a closed eco-system.

## OTHER APPLICATION EXAMPLES

### ELECTRONICS



### NUT & BOLT COMBINATION



### LINEAR BEARINGS, NUTS & SENSOR







“SINCE WE PURCHASED OUR WORKBENCH,  
WE KEEP FINDING NEW WAYS TO USE  
IT TO BE MORE EFFICIENT...THINGS WE  
NEVER HAD THOUGHT ABOUT BEFORE...”

— **Packaging Engineer**, Global Leader in Agricultural, Lawn and Garden Solutions

# More Choices. More Savings. Our Open-Market Advantage.

When it comes to maximizing innovation and value for our customers, our Open-Market Advantage gives you the ability to choose from a wide variety of open-market **filament** and **software** that can deliver up to a **90% savings** on your investment.

We believe that leveraging the power and the resources behind thousands of organizations to bring your solutions to life quickly and more affordably is what the market demands. Paired with the WorkSeries' large format, industrial strength, superior speed, and exceptional print quality ranging from \$14,999 to \$36,999 USD (base machines) — that's a combination that you can't find anywhere else in the market.

## FILAMENT

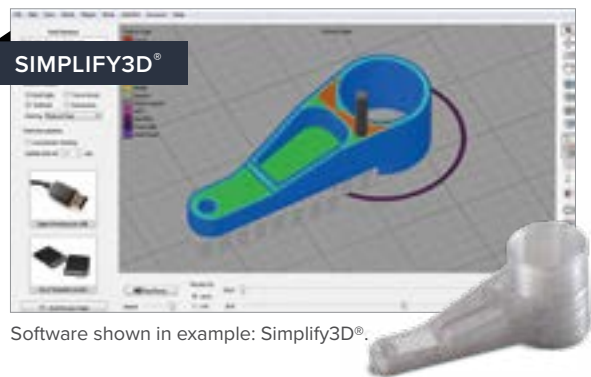
Ongoing material science advancements provide a pipeline to rapid innovations in 3D printing, bringing your ideas from concept to reality faster, and more accurate than ever before. With diverse open-market material selections, we enable printing capabilities when unique physical properties are desired:

- Bronze, wood, carbon fiber, and other fills
- Flexible, pliable, and rubber-like properties
- Rigid and conductive properties
- Soluble
- PolyCast
- FDA compliant properties
- ...and more



## SOFTWARE

You deserve options. Our Open-Market Advantage allows you to use the software you are already familiar with, or to “right size” the software package that best meets your business needs and your budget.



Software shown in example: Simplify3D®.

- Detailed print previews
- Advanced print algorithms
- Core modeling
- High speed, high quality prints

Simplify3D is available for purchase at [simplify3d.com](http://simplify3d.com).



Software shown in example: Repetier Host & Slic3R.

- Free open market software
- Includes an interface with Slic3r\*

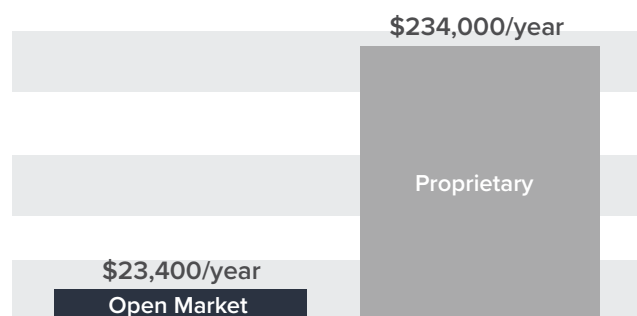
Slic3r is used with Repetier Host and can be downloaded at [repetier.com](http://repetier.com).

# Rapid ROI

## MOTORCYCLE GAS TANK



### MATERIAL COST COMPARISON: Open Market vs. Proprietary System



90%  
SAVINGS

Study based upon the printing of one gas tank demo per week for fifty weeks = **50 tanks per year**.  
Open-Market Advantage: \$468 material per tank = **\$23,400 material per year**.  
Proprietary System: \$4,680 material per tank = **\$234,000 material per year**.  
All prices shown in US dollars.



# 3D Print Statistics

Here are a variety of large 3D printed parts for a variety of applications. See for yourself how **affordable** it is to add 3D printing to your operation – giving you the **competitive edge** you need to stay ahead.



## FULL BODY PRINT

**Material:** PLA

**Size:** X: 254 Y: 432 Z: 1588 mm  
(X: 10 Y: 17 Z: 62.5 in)

**Material Cost:** \$500 USD

### Print Times:

V6 Extruder: 598 hours

Volcano Extruder: 209 hours

HFA Extruder: 94 hours

HFE 300 Extruder: 76 hours

HFE 900 Extruder: 63 hours



### FRANKENSTEIN

**Material:** PLA

**Size:** X: 630 Y: 501 Z: 535 mm (X: 25 Y: 20 Z: 21 in)

**Material Cost:** \$240 USD

**Print Times:**

V6 Extruder: 298 hours

Volcano Extruder: 134 hours

HFA Extruder: 70 hours

HF300 Extruder: 37 hours

HF900 Extruder: 12 hours



### RIM

**Material:** PLA

**Size:** X: 479 Y: 479 Z: 230 mm (X: 19 Y: 19 Z: 9 in)

**Material Cost:** \$99 USD

**Print Times:**

V6 Extruder: 167 hours

Volcano Extruder: 76 hours

HFA Extruder: 40 hours

HF300 Extruder: 21 hours

HF900 Extruder: 7 hours



### ENGINE INTAKE MANIFOLD

**Material:** PLA

**Size:** X: 523 Y: 249 Z: 71 mm (X: 20.5 Y: 10 Z: 3 in)

**Material Cost:** \$81 USD

**Print Times:**

V6 Extruder: 65 hours

Volcano Extruder: 30 hours

HFA Extruder: 16 hours

HF300 Extruder: 9 hours

HF900 Extruder: 3 hours



### BUMPER

**Material:** PLA

**Size:** X: 355 Y: 855 Z: 381 mm (x2) (X: 14 Y: 33.5 Z: 15 in (x2))

**Material Cost:** \$832 USD

**Print Times:**

V6 Extruder: 489 hours

Volcano Extruder: 221 hours

HFA Extruder: 117 hours

HF300 Extruder: 62 hours

HF900 Extruder: 22 hours



### ENGINE BLOCK

**Material:** PLA

**Size:** X: 654 Y: 535 Z: 383 mm (X: 25 Y: 21 Z: 15 in)

**Material Cost:** \$962 USD

**Print Times:**

V6 Extruder: 849 hours

Volcano Extruder: 392 hours

HFA Extruder: 215 hours

HF300 Extruder: 121 hours

HF900 Extruder: 51 hours



### SHEET METAL BRACKET

**Material:** PLA

**Size:** X: 778 Y: 318 Z: 378 mm (X:30.5 Y: 12.5 Z: 15 in)

**Material Cost:** \$102 USD

**Print Times:**

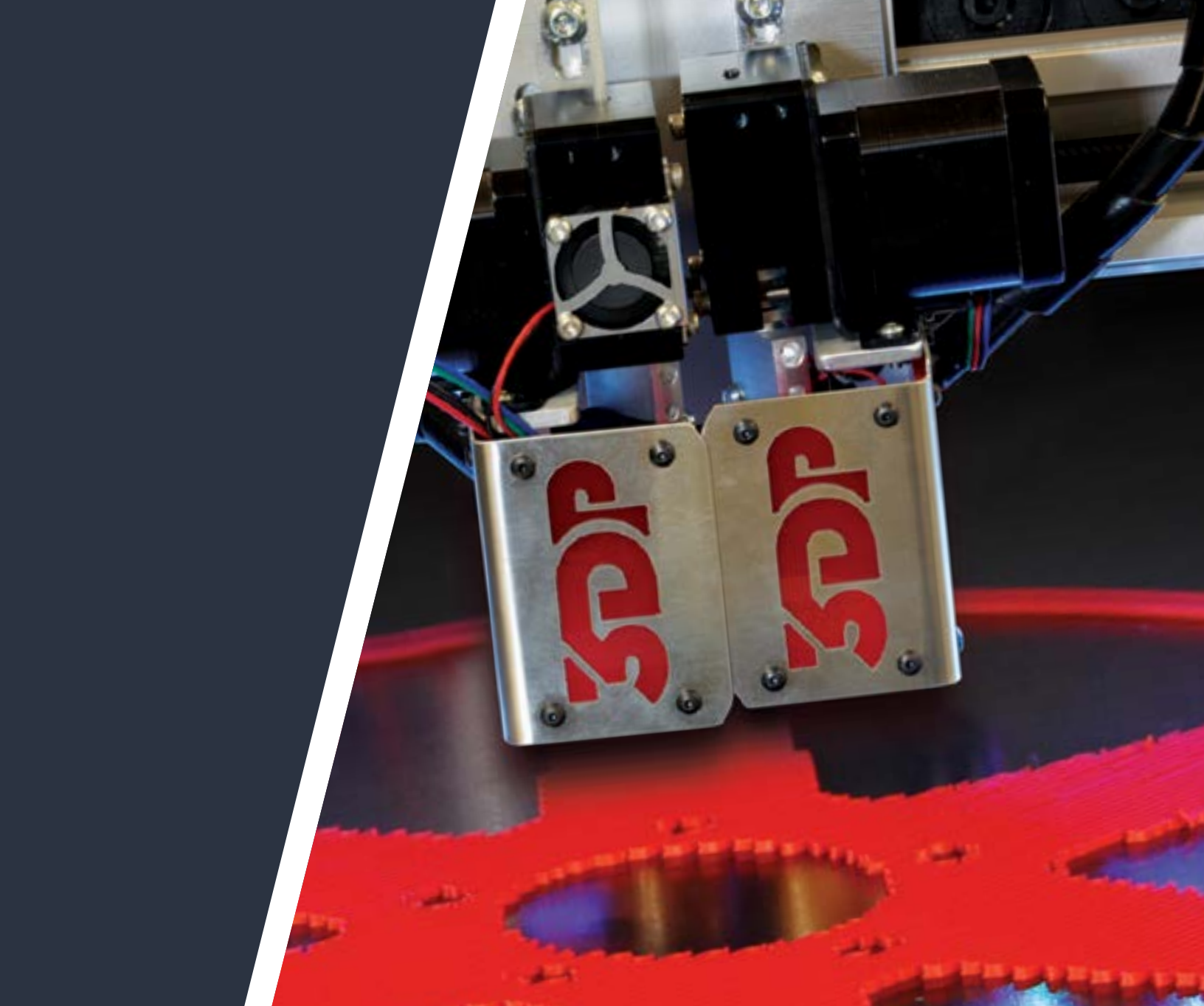
V6 Extruder: 131 hours

Volcano Extruder: 62 hours

HFA Extruder: 34 hours

HF300 Extruder: 19 hours

HF900 Extruder: 9 hours



# Extruder Ingenuity

3D Platform's **HFA** and **HFE** extruders are the **fastest filament extruders on the market**.





Quick-Swap dual extruder heads deliver high quality 3D prints and are independently controlled for speed and extruded material amounts. The modular design can accommodate filament sizes from 1.75mm to 6mm and nozzles sizes from 0.2mm to 5mm. **Genius!**



## 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.

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.



EXTRUDERS						
		Volcano		HFA	HFE300	HFE900
						
Availability		optional	standard	optional	optional	optional
Filament Size (Nominal, mm) <sup>1</sup>		1.75	2.85	2.85	2.85	6
Hot End Power (watts)		40	40	50	300	900
Material Consumption (kg/hr) <sup>2</sup>		0.08	0.08	0.16	0.32	1.35
Nozzle Size, minimum (mm)		0.2	0.4	0.4	0.4	1.0
Nozzle Size, standard (mm)		0.4	0.6	0.6	1.0	2.5
Nozzle Size, maximum (mm)		1.2	2.5	2.5	2.5	5.0
Additional Power Consumption (A @ 208V) <sup>3</sup>		0.0	0.0	0.0	1.5	4.3
Compatible Nozzle Sizes (mm) <sup>4</sup>	0.2	O	X	X	X	X
	0.3	O	X	X	X	X
	0.4	STD	O	O	X	X
	0.6	O	STD	STD	X	X
	0.8	O	O	O	X	X
	1.0	O	O	O	STD	O
	1.2	O	O	O	O	O
	1.4	X	O	O	O	O
	1.6	X	O	O	O	O
	1.8	X	O	O	O	O
	2.0	X	O	O	O	O
	2.5	X	O	O	O	STD
	3.0	X	X	X	X	O
	3.5	X	X	X	X	O
	4.0	X	X	X	X	O
	4.5	X	X	X	X	O
	5.0	X	X	X	X	O

**LEGEND:** X = Unavailable, STD = Standard, O = Optional

1. Consult factory for filament specifications and requirements for HFE900.
2. Actual material consumption will vary based on settings.
3. Additional power is per extruder. Double amount for two extruders.
4. Not all nozzle sizes are stocked. Consult factory for details.

# Local Support Globally

At 3D Platform, we bring our highly personalized customer service and support to your doorstep no matter where you are worldwide. **We are committed to our customers' success**, and will be there for support as you grow your businesses. From initial installation and training, to field support, troubleshooting, and more, 3D Platform serves as an extension of your team to ensure your operations are always up and running—**Because your success is our success.**



## INSTALLATION & SETUP

We go to great lengths – and to your place of business – to get you up and running:

- Machine functionality verified on site to ensure confidence in printer performance.
- 3D printer fully calibrated, saving you time. A trained technician performs the fine-tuning resulting in a printer that is functional at the beginning of your first print.
- Basic machine and software functionality covered to help ensure you are knowledgeable, comfortable, and confident in basic machine functionality and software.

## TRAINING

We will ensure your team is up to speed – quickly – setting you up for success from your first print. Our courses cover the fundamentals on how 3D printing works and how you can take your BIG design ideas to the next level.

- Learn advanced printer functionality to help further your knowledge of your 3D Platform printer.
- Review advanced slicing functions which emphasize important techniques that can differentiate your product.
- Discover basic machine and software functionality to help you troubleshoot potential issues.

Training packages available for all experience levels, including packages for companies that are new to 3D printing or large-format printing.

## GLOBAL DISTRIBUTION NETWORK

We deliver 3D printing solutions to you no matter where you are. Through our Global Distribution Network, we are able to deliver products and parts to your facility without delay or additional costs.

## GLOBAL CERTIFIED SERVICE PROVIDERS

We understand that any delay in production can have a negative impact on your revenue and business. Through our network of Global Certified Service Providers, you can be confident that your machine is repaired correctly the first time and recalibrated back to factory settings. Use our online support at [3dplatform.com](http://3dplatform.com), call or email, and our 3D Platform support team is there to diagnose basic issues or concerns to make sure you are always up and running, without delay.

“3D PLATFORM  
DELIVERED OUR  
PRINTER, SET IT  
UP, AND WE  
PRINTED RIGHT  
AWAY...”

— **Chief Engineer**, Engineering, Design and Development  
Company for the Automotive, Aerospace, Architectural,  
Boating, Medical, and Commercial Industries





# TECHNICAL SPECIFICATIONS



100 Series  
WORKTABLE



200 Series  
WORKBENCHCLASSIC



300 Series  
WORKBENCHPRO



400 Series  
WORKBENCHXTREME

## SIZE & MECHANICAL FEATURES

Print Width	1000 mm (39.3 in)	1000 mm (39.3 in)	1000 mm (39.3 in)	1000 mm (39.3 in)
Print Length	1000 mm (39.3 in)	1000 mm (39.3 in)	1000 mm (39.3 in)	1500 mm (59.0 in)
Print Height	500 mm (19.6 in)	500 mm (19.6 in)	700 mm (27.5 in)	700 mm (27.5 in)
Build Volume <sup>5</sup>	0.5 m <sup>3</sup>	0.5 m <sup>3</sup>	0.7 m <sup>3</sup>	1.05 m <sup>3</sup>
Mechatronics: Standard	Standard	Standard	X	X
Mechatronics: Enhanced	X	X	Standard	X
Mechatronics: Premium	X	X	X	Standard
Build Platform	Heated Borosilicate Glass (standard)			
Bed Leveling: Automated	included	included	included	included
Bed Leveling: Automatic Mesh Leveling	X	Standard	Standard	Standard
Frame	Maker Frame	Workbench	Workbench	Enhanced Workbench

## PRINT PROCESS ATTRIBUTES

Printer Type	Fused Filament Fabrication (FFF)			
Slicing Software	Open Market Software			
Build Materials	Open Market Materials			
Extruder Type	Single or Dual Head	Single or Dual Head, High Volume (HFE)		
Volcano	Standard	Standard	option	option
HFA	option	option	Standard	Standard
HFE300	X	option <sup>6</sup>	option	option
HFE900	X	option <sup>6</sup>	option	option
Max Bed Temp	145°C (293°F)			
Max Nozzle Temp (Volcano/HFA) <sup>8</sup>	295°C (563°F)			
Max Nozzle Temp (HFE) <sup>8</sup>	295°C (563°F)			
Layer Resolution	Down to 100 microns (0.0039 in)	Down to 50 Microns (0.0019 in)	Down to 50 Microns (0.0019 in)	Down to 50 Microns (0.0019 in)

## CONTROL & FEATURES

Controls: LCD Display with 8-bit, 16 MHz ATmega2560 processor, 8 KB RAM	Standard	X	X	X
Controls: 178 mm (7 in) Touch Screen with 32-bit, 120MHz ARM Cortex M4 processor, 128 KB RAM	X	Standard	Standard	Standard
Data Transfer Method	SD Card or USB	SD Card, USB, Wi-Fi <sup>9</sup>	SD Card, USB, Wi-Fi <sup>9</sup>	SD Card, USB, Wi-Fi <sup>9</sup>
Wi-Fi/Ethernet <sup>9</sup>	External Add-on	Built-In	Built-In	Built-In
Certifications	CE			
Power Input <sup>7</sup>	208–240V, 15A, 50/60 Hz, 1 Phase	208–240V, 30A, 50/60 Hz, 1 Phase		
Ambient Operating Temp	15–32°C (60–90°F)			
Motors: Step Motor	Standard	X	X	X
Motors: SurePrint Servo <sup>®</sup>	Upgrade	Standard	Standard	Standard

## ACCESSORIES

Enclosure Compatibility	Yes (adapter kit needed)	Yes	Yes	Yes
Feed System - Free Hang	Standard	X	X	X
Feed System - Bowden Style Tubes	X	Standard	Standard	Standard
Filament Sensor	As Accessory	Standard	Standard	Standard
Feet - stationary	Standard	X	X	X
Feet - Casters	As Accessory	Standard	Standard	Standard

## PHYSICAL DIMENSIONS & WEIGHT

Overall Width	1475 mm (58 in)	1475 mm (58 in)	1475 mm (58 in)	1475 mm (58 in)
Overall Length	1425 mm (56 in)	2286 mm (90 in)	2286 mm (90 in)	3098 mm (122 in)
Overall Height (max)	1900 mm (75 in)	1900 mm (75 in)	2100 mm (83 in)	2100 mm (83 in)
Approx Weight	136 kg (300 lb)	246 kg (540 lb)	246 kg (540 lb)	450 kg (990 lb)
Shipping Weight (max)	317 kg (700 lb)	450 kg (990 lb)	450 kg (990 lb)	700 kg (1.540 lb)

LEGEND: X = Unavailable

5. When multiple HFE extruders are used, the build size is slightly reduced. Consult factory for details.

6. Without enhanced mechatronics of 300/400 system, maximum velocity and acceleration may be limited for HFA and HFE extruders. Consult factory for details.

7. HFE extruders and heated enclosure consume more power. Consult factory for details.

8. Upgrade kits available for Volcano, HFA and HFE extruders to achieve max temp of 400°C (752°F).

9. WiFi is replaced by ethernet on ethernet capable controllers.

# ORDERING GUIDE

3DP **XXX** - **X****X****X****X** - A **X****X**0**X** - 000

## PRINTER SERIES

**100**

100 Series WorkTable



**200**

200 Series WorkbenchClassic



**300**

300 Series WorkbenchPRO



**400**

400 Series WorkbenchXtreme



## Z-HEIGHT

**5**

500mm (only 100 & 200 Series)

**7**

700mm (only 300 & 400 Series)

## MECHATRONICS

**S**

Standard, 1.0m x 1.0m (only 100 & 200 Series)

**E**

Enhanced, 1.0m x 1.0m (only 300 Series)

**P**

Premium, 1.0m x 1.5m (only 400 Series)

## MOTORS

**1**

Stepper Motors (standard on 100 Series)

**2**

SurePrint™ (standard on 200, 300 & 400 Series)

## CONTROLS

**A**

Ramps 1.4 + LCD Screen (only 100 Series)

**B**

BrainBox Touch Screen + Duet WiFi (only 200, 300 & 400 Series)

## CART/STAND

**1**

"Maker" Frame (only 100 Series)

**2**

Workbench + Bowden Tube + Filament Sensor + HFE Wire Harness (only 200 & 300 Series)

**3**

Xtreme Workbench + Bowden Tube + Filament Sensor + HFE wire harness (only 400 Series)

## EXTRUDER 0 - LEFT

**1**

24V Volcano (standard on 100 & 200 Series)



**2**

24V High Temp HFA (standard on 300 & 400 Series)



**3**

HFE300 (only 300 & 400 Series)



**5**

HFE900 (only 300 & 400 Series)



## ENCLOSURES

**0** None

**1**

Basic Enclosure



**2**

Basic Enclosure w/ Heater



**3**

Basic Enclosure w/ Filter



**4**

Basic Enclosure w/ Heater + Filter



## EXTRUDER 1 - RIGHT

Matches  
Extruder - Left



Visit **3dplatform.com** and use our configurator to customize your printer.



[3DPLATFORM.COM](http://3DPLATFORM.COM)



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