

Raise3D Pro3 HS Series

Beyond Speed: 3D Printing Large Composite Parts Made Simple

The Raise3D Pro3 HS Series is a powerful professional-grade machine that builds upon the various performance improvements supports 2.5kg filament spools, with the goal of bestowing general manufacturers and print farmers with the ability to produce small



High-Speed Printing with High-Performance Composite Materials



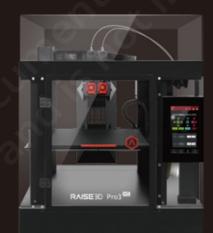
Enhanced Speed and Accuracy for Industrial Applications

Maximize Production Efficiency with Minimal



Longer-Lasting Reliability and Durability







- New Printing Build Plate
- 2.5kg Large Roll Storage Boxes*
- Hyper Core Filament and New Hot-end in the Box
- Motion Control Upgrade with a Closed-Loop Motor
- New RFID Filament Sensor
- Auto Filament Switching

Printer	Raise3D Pro3 HS		Raise3D Pro3 Plus HS		
Build Volume (W × D × H)	Single Extruder Print	Dual Extruder Print	Single Extruder Print	Dual Extruder Print	
	300 × 300 × 300 mm (11.8 × 11.8 × 11.8 inch)	255 × 300 × 300 mm (10 × 11.8 × 11.8 inch)	300 × 300 × 605 mm (11.8 × 11.8 × 23.8 inch)	255 × 300 × 605 mm (10 × 11.8 × 23.8 inch)	
Machine Size (W × D × H)	620 × 626 × 760 mm (24.4 × 24.6 × 29.9 inch)		620 × 626 × 1105 mm (24.4 × 24.6 × 43.5 inch)		
Weight	Net Weight	Gross Weight (Carton with Pallet)	Net Weight	Gross Weight (Carton with Pallet)	
	54 kg (119 lbs)	75.7 kg (166.9 lbs)	64 kg (141 lbs)	88.7 kg (195.5 lbs)	
General	Print Techno Print Head Sys Filament Diam XYZ Step Standard Printing Sp Build F Build Plate Leve Heated Bed Max Tempera Nozzle Diam Max Nozzle Tempera Layer He Automatic Filament Switco RFID Se Filament Run-Out Se Filament Run-Out Se Filament Run-Out Se Storage Tempera	bual-head with Electronic Lifting System neter 1.75 mm 0 Size 0.78125, 0.78125, 0.078125 micron 300 mm/s Plate Flexible Steel Plate with BuildTak weing Mesh-leveling with Flatness Detection silicone ature 120°C o.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm (Available) 320°C eight The Pro3 HS Series is compatible with 0.2, 0.4, 0.6, 0.8 and 1.0 mm nozzles, and the layer height can vary between 0.05-0.6 mm. To achieve stable print results, when using 0.4 mm nozzles, we recommend using a layer height between 0.1-0.3 mm. Available (Coming Soon) ensor Available (Coming Soon) ensor Available Filter HEPA Filter with Activated Charcoal stant Available tivity Wi-Fi, LAN, USB port, Live Camera sision <55 dB (A) When Building			
Electrical	Power Supply I Power Supply Ou		100-240 V AC, 50/ 60 Hz 230 V @ 3.3 A 24 V DC, 600 W		
Material	Material Third Party Mat	Hyper Speed: PLA/ ABS Industrial: PPA CF/ PPA G Premium: PLA/ ABS/ ASA			
Software	Slicing Soft Supported File T Supported Machine Code	ypes STL/ OBJ/ 3MF/ OLTP/ STI OS Windows/ macOS/ Linux	STL/ OBJ/ 3MF/ OLTP/ STEP/ STP/ IGES/ IGS Windows/ macOS/ Linux		
Printer Controller	Power Loss Recc Screen Resolu Motion Contr Logic Contr Mer Onboard F	tworkWi-Fi, EthernetoveryAvailablelution1024 × 600rrollerAtmel ARM Cortex-M4 120 MHz FPUrrollerNXP ARM Cortex-A9 Quad 1 GHzrmory1 GB			

*For detailed information and slicing profiles of the materials supported by Raise3D OFP, please visit https://www.ideamaker.io/.



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