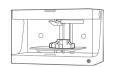
## Markforged Composite Printer Comparison





## **DESKTOP SERIES**

Reliable entry level machines
Accurate parts with good surface finish
Prints with standard materials



## **INDUSTRIAL SERIES**

Industrial grade machines with large build envelope Superior accuracy, resolution, and speed Full industrial material portfolio

	Onyx One	Onyx Pro	Mark Two	Х3	X5	X7	
	Process						
Fused Filament Fabrication	X	×	×	X	Х	×	
Continuous Fiber Reinforcement		×	X		X	×	
	Base Materials						
Onyx (Nylon w. Chopped Carbon Fiber)	X	×	X	X	X	×	Material Variety
Onyx FR				X	X	×	
Nylon			X			×	teria
	Continuous Fibers						Ma
Continuous Fiberglass		×	×		Х	×	
Continuous Carbon Fiber			X			×	
Continuous HSHT Fiberglass			X			×	
Continuous Kevlar®			X			X	
	Features						
Laser Bed Leveling				X	X	×	Automation + Usability
Laser Active Print Calibration				Х	х	X	
Fiber Jam Detection		X	X		Х	X	
Out-of-Plastic Detection	X	X	Х	Х	Х	X	
Out-of-Fiber Detection					Х	X	rtom
Turbo Print (up to 4x faster)						х	AL
Live Build Inspection*						х	
		Hardware					
Build Volume	320 x 132 x 154 mm (12.6 x 5.2 x 6.0 in)			330 x 270 x 200 mm (13.0 x 10.6 x 7.9 in) (2.7x larger)			Part Quality
Bed Flatness	Flat to within 160 µm; Kinematic coupling			Flat to within 80 µm; Kinematic coupling			
Best Z Resolution	100 µm			50 μm			
Supports	Same material peel away; Turbo supports available (supports print 2x faster)						ď
Infill	Closed-cell infill; Multiple geometries available						
			Specifi	cations			
Storage	Cloud or Local included; On-Premise available						+
Security	Two-factor authentication; Org admin access; Single sign-on						
Power	100-240 VAC, 150W (2A peak)						
Weight	16 kg (35 lb) 48 kg (106 lb)						
Footprint	584 x 330 x 355 mm (23 x 13 x 14 in) 584 x 483 x 914 mm (23 x 19 x 36 in)					9 x 36 in)	