

# ZBuilder™ ULTRA



MACHINE PERFORMANCE	
X/Y Resolution	0.005 inches (138 microns)
Z Resolution	50 – 100 microns (adjustable)
Minimum Feature Size	0.005 inches (138 microns)
Accuracy	+/- 0.008 inches* (+/- 0.2 mm*)
Vertical Build Speed	up to 0.5 inches/hour (12.7 mm/hour)
Build Size	10.2 x 6.3 x 7.5 inches (260 x 160 x 190 mm)
MATERIALS PERFORMANCE (SI500)	
Tensile Strength	6240 PSI (43.0 MPa)
Tensile Elongation at Break	4.50%
Flexural Strength	8740 PSI (60.2 MPa)
Flexural Modulus	263 kSI (1810 MPa)
Hardness	86D
HDT (0.45 MPa)	132.3 F (55.7 C)
HDT (1.82 MPa)	116.3 F (46.8 C)
MACHINE SPECIFICATIONS	
Input File Formats	stl, 3ds, dxf, obj, wrl, zpr
Dimensions	28 x 30.5 x 71 inches (71.1 x 77.5 x 180.3 cm), with optional stand
Weight	360 lbs (163 kg)
Power Requirement	115V, 10A; 230V, 6A
Regulatory Compliance	CE, CSA

\* Typical (may vary by geometry, part orientation, build parameters, and process)



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