Specification

SOURCE:
https://support.zortrax.com/m-series-specification/

The following table summarizes all technical specifications and operational characteristics of Zortrax M Series 3D printers.

	M200	M300
Without a Spool	350 x 360 x 505 mm [13.8 x 14.2 x 19.9 in]	473 x 488 x 665 mm [18.6 x 19.2 x 26.1 in]
With a Spool	350 x 440 x 505 mm [13.8 x 17.3 x 19.9 in]	473 x 570 x 665 mm [18.6 x 22.4 x 26.1 in]
Shipping Box	460 x 470 x 570 mm [18.1 x 18.5 x 22.4 in]	576 x 576 x 842 mm [22.7 x 22.7 x 33.1 in]
Shipping Weight	25 kg [55.1 lb]	50 kg [110.2 lb]
Net Weight	18 kg [39.7 lb]	30 kg [66.1 lb]
Technology	LPD (Layer Plastic Deposition) – depositing melted material layer by layer onto the build platform	
Layer Resolution	90 – 390 microns	90 – 290 microns
Minimal Wall Thickness	450 microns	
Platform Levelling	Automatic measurement of platform points' height	
Build Volume	200 x 200 x 180 mm [7.9 x 7.9 x 7.1 in]	300 x 300 x 300 mm [11.8 x 11.8 x 11.8 in]
Material Container	Spool	
Material Diameter	1.75 mm [0.069 in]	
Nozzle Diameter	0.4 mm [0.016 in]	
Support	Mechanically removed – printed with the same material as the model	
Hotend	Single	
Connectivity	SD card [included]	
Available Materials	Full offer is available at: https://zortrax.com/materials/zortrax-m-series/	
External Materials	Applicable	
Maximum Printing Temperature	290? C [554? F]	
Build Platform	Heated	
Maximum Platform Temperature	105? C [221? F]	
Ambient Operating Temperature	20 – 30? C [68 – 86° F]	

Storage Temperature	0 – 35? C [32 – 95° F]	
AC Input	110V ~ 4A 50/60Hz 240V ~ 1.7A 50/60Hz	110V ~ 5.9A 50/60Hz 240V ~ 2.5A 50/60Hz
Maximum Power Consumption	200 W	320 W

Software Bundle	Z-SUITE®
Supported File Types	.stl, .obj, .dxf, .3mf
Supported Operating Systems	Mac OS up to Catalina version / Windows 10 and newer versions

*It should be noted that the model's dimensions strongly depend on the technical condition of the printer as well as the shape, form and size of a print, the material used and the printing process conditions. The accuracy in Z axis does not include a tolerance of +/- one layer. Bear in mind errors of measurement and measuring equipment.

**measurements were taken with an angle of 90?