

ZPrinter® Product Line



ZPrinter® 150



ZPrinter® 250



ZPrinter® 350



ZPrinter® 450



ZPrinter® 650

FEATURES					
Resolution	300 x 450 dpi	300 x 450 dpi	300 x 450 dpi	300 x 450 dpi	600 x 540 dpi
Minimum Feature Size	0.016 inches (0.4 mm)	0.016 inches (0.4 mm)	0.006 inches (0.15 mm)	0.006 inches (0.15 mm)	0.004 inches (0.1 mm)
Color (number of unique colors per part)	White	64 colors (basic spot color)	White	180,000 colors (advanced color)	390,000 colors (top-of-the-line color)
Automated Setup and Self Monitoring	■	■	■	■	■
Automated Powder Loading	■	■	■	■	■
Powder Recycling	■	■	■	■	■
Automatic Build Bed Clearing				■	■
Fine Powder Removal	Accessory	Accessory	Integrated	Integrated	Integrated
Snap-in Binder Cartridges	■	■	■	■	■
Intuitive Control Panel	■	■	■	■	■
Vertical Build Speed	0.8 inch/hour (20 mm/hour)	0.8 inch/hour (20 mm/hour)	0.8 inch/hour (20 mm/hour)	0.9 inch/hour (23 mm/hour)	1.1 inch/hour (28 mm/hour)
Build Size	9.3 x 7.3 x 5 inches (236 x 185 x 127 mm)	9.3 x 7.3 x 5 inches (236 x 185 x 127 mm)	8 x 10 x 8 inches (203 x 254 x 203 mm)	8 x 10 x 8 inches (203 x 254 x 203 mm)	10 x 15 x 8 inches (254 x 381 x 203 mm)
Material	High performance composite	High performance composite	High performance composite	High performance composite	High performance composite
Layer Thickness	0.004 inches (0.1 mm)	0.004 inches (0.1 mm)	0.0035 – 0.004 inches (0.09 – 0.1 mm)	0.0035 – 0.004 inches (0.09 – 0.1 mm)	0.0035 – 0.004 inches (0.09 – 0.1 mm)
Number of Jets	304	604	304	604	1520
SPECIFICATIONS					
Number of Print Heads	1	2	1	2	5
Equipment Dimensions	29 x 31 x 55 inches (74 x 79 x 140 cm)	29 x 31 x 55 inches (74 x 79 x 140 cm)	48 x 31 x 55 inches (122 x 79 x 140 cm)	48 x 31 x 55 inches (122 x 79 x 140 cm)	74 x 29 x 57 inches (188 x 74 x 145 cm)
Equipment Weight	365 lbs (165 kg)	365 lbs (165 kg)	395 lbs (179 kg)	425 lbs (193 kg)	750 lbs (340 kg)
Power Requirements	90-100V, 7.5A 110-120V, 5.5A 208-240V, 4.0A	90-100V, 7.5A 110-120V, 5.5A 208-240V, 4.0A	90-100V, 7.5A 110-120V, 5.5A 208-240V, 4.0A	100-240V, 15-7.5A	100-240V, 15-7.5A
File Formats for Printing	STL, VRML, PLY, 3DS, ZPR	STL, VRML, PLY, 3DS, ZPR	STL, VRML, PLY, 3DS, ZPR	STL, VRML, PLY, 3DS, ZPR	STL, VRML, PLY, 3DS, ZPR
Workstation Compatibility	Windows® 7, Windows® XP Professional Windows Vista®	Windows® 7, Windows® XP Professional Windows Vista®	Windows® 7, Windows® XP Professional Windows Vista®	Windows® 7, Windows® XP Professional Windows Vista®	Windows® 7, Windows® XP Professional Windows Vista®
CE, CSA Regulatory Compliance	■	■	■	■	■
No Special Facility Requirements	■	■	■	■	■