ColorJet Printers

Affordable, photo-realistic full-color parts, in record time with ProJet® CJP 3D printers

	ProJet CJP 260*Plus*	ProJet CJP 360	ProJet CJP 460*Plus*	ProJet CJP 660*Pro*	ProJet CJP 860*Pro*
PRINTER PROPERTIES					
Number of Jets	604	304	604	1520	1520
Number of Print Heads	2	1	2	5	5
Automatic Build Platform Clearing			•	•	•
Part Cleaning	Accessory	Integrated	Integrated	Integrated	Accessory
Intuitive Control Panel	•	•	•	•	•
Operating Temperature Range	13 - 24 °C (55-75°F)	13 - 24 °C (55-75°F)	13 - 24 °C (55-75°F)	13 - 24 °C (55-75°F)	13 - 24 °C (55-75°F)
Operating Humidity Range	20-55% - non-cond.	20-55% - non-cond.	20-55% - non-cond.	20-55% - non-cond.	20-55% - non-cond.
Dimensions (WxDxH)					
3D Printer Crated	94 x119 x 158 cm (37 x 47 x 62 in)	140 x 114 x 158 cm (55 x 45 x 62 in)	140 x 114 x 158 cm (55 x 45 x 62 in)	218 x 122 x 160 cm (86 x 48 x 63 in)	163 x 147 x 185 cm (64 x 58 x 73 in)
3D Printer Uncrated	74 x 79 x 140 cm (29 x 31 x 55 in)	122 x 79 x 140 cm (48 x 31 x 55 in)	122 x 79 x 140 cm (48 x 31 x 55 in)	193 x 81 x 145 cm (76 x 32 x 57 in)	119 x 116 x 162 cm (47 x 46 x 68 in)
Weight					
3D Printer Crated	198 kg (437 lbs)	251 kg (553 lbs)	273 kg (602 lbs)	507 kg (1116 lbs)	448 kg (987 lbs)
3D Printer Uncrated	165 kg (365 lbs)	179 kg (395 lbs)	193 kg (425 lbs)	340 kg (750 lbs)	363 kg (800 lbs)
Electrical	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
Noise					
Building	57 dB	57 dB	57 dB	57 dB	57 dB
Core Recovery	66 dB	66 dB	66 dB	66 dB	66 dB
Vacuum (open)	86 dB	86 dB	86 dB	86 dB	86 dB
Fine Decoring	-	80 dB	80 dB	80 dB	-
Certifications	CE, CSA	CE, CSA	CE, CSA	CE, CSA	CE, CSA
PRINTING SPECIFICATIONS					
Net Build Volume (xyz)*	236 x 185 x 127 mm (9.3 x 7.3 x 5 in)	203 x 254 x 203 mm (8 x 10 x 8 in)	203 x 254 x 203 mm (8 x 10 x 8 in)	254 x 381 x 203 mm (10 x 15 x 8 in)	508 x 381 x 229 mm (20 x 15 x 9 in)
Color	CMY	White (monochrome)	CMY	Full CMYK	Full CMYK
Pastel or Vibrant Color Option				•	•
Resolution	300 x 450 DPI	300 x 450 DPI	300 x 450 DPI	600 x 540 DPI	600 x 540 DPI
Layer Thickness	0.1 mm (0.004 in)	0.1 mm (0.004 in)	0.1 mm (0.004 in)	0.1 mm (0.004 in)	0.1 mm (0.004 in)
Minimum Feature Size	0.8 mm (0.03 in)	0.8 mm (0.03 in)	0.8 mm (0.03 in)	0.5 mm (0.02 in)	0.5 mm (0.02 in)
Max. Vertical Build Speed	20 mm/hour (0.8 in/hour)	20 mm/hour (0.8 in/hour)	23 mm/hour (0.9 in/hour)	28 mm/hour (1.1 in/hour)	5 – 15 mm/hour (0.2 – 0.6 in/hour); speed increases with volume of prototypes
Draft Printing Mode (Monochrome)				•	•
Prototypes per build*	10	18	18	36	96
Automated Setup & Self Monitoring	•	•	•	•	•
SOFTWARE AND NETWORK					
Input Data File Formats Supported	STL, VRML, PLY, 3DS, FBX, ZPR (varies by software version)				
Client Operating System	Windows ® 7 & Vista®	Windows ® 7 & Vista®	Windows ® 7 & Vista®	Windows ® 7 & Vista®	Windows ® 7 & Vista®
Software	Supported by 3D Sprint ® software as virtual print volume for file preparation and coloring and by 3DPrint software for printing				
MATERIALS					
Build Material	VisiJet PXL	VisiJet PXL	VisiJet PXL	VisiJet PXL	VisiJet PXL
Material Recycling	•	•	•	•	•
Integrated Materials	•	•	•	•	•

* Maximum part size is dependent on geometry, among other factors.
** Based on baseball-size geometry.

3D SYSTEMS
Additive Manufacturing Solutions