



# Leapfrog Creatr'14 DATASHEET

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## 1. Technical specifications

Specification	Metric	Imperial
Physical dimensions (DWH)*	600 x 500 x 500 mm	23.6 x 19.7 x 19.7 inch
Input power**	85-133VAC / 170-264VAC	
Input frequency	47 - 63 Hz	
Power consumption	4 Amp. @230V / 6.4 Amp. @ 115V	
Build size single extruder (DWH)	270 x 230 x 200 mm	10.6 x 9.1 x 7.9 inch
Build size dual extruder (DWH)	270 x 200 x 200 mm	10.6 x 7.9 x 7.9 inch
Build volume	12.4L.	2.7Gal.
Heated bed	Max. 90°C	Max. 194°F
Hot end	Max. 275°C	Max. 527°F
Number of extruders	2	
Extruder size	0.35 mm	0.014 inch
Filament size	1.75 mm	0.069 inch
Layer thickness	0.02 – 0.35 mm	0.00079 – 0.014 inch
Max. print speed (DW)	3600 mm/min.    60 mm/sec.	142 inch/min.    2.4 inch/sec.
Max. travel speed (DW)	21000 mm/min.    350 mm/sec.	827inch/min.    14 inch/sec.
Stepper motors	1.8° Step angle with 1/16 micro stepping	
Positioning accuracy (DW)	0.0169 mm	0.00067 inch
Positioning accuracy (H)	0.02 mm	0.00079 inch
Body/frame construction	Aluminium extrusion profiles	
Printbed Z-levelling	4-knob hand levelling	
Internal OS	Linux	
USB standalone format	.gcode format	
USB connection to computer	Virtual COM port	

\*DWH: Depth, Width, Height. Coordinate system reference Y, X, Z

\*\*Power input is set by Leapfrog, customers cannot change power input between 230/110V

## 2. Non-disclosure

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