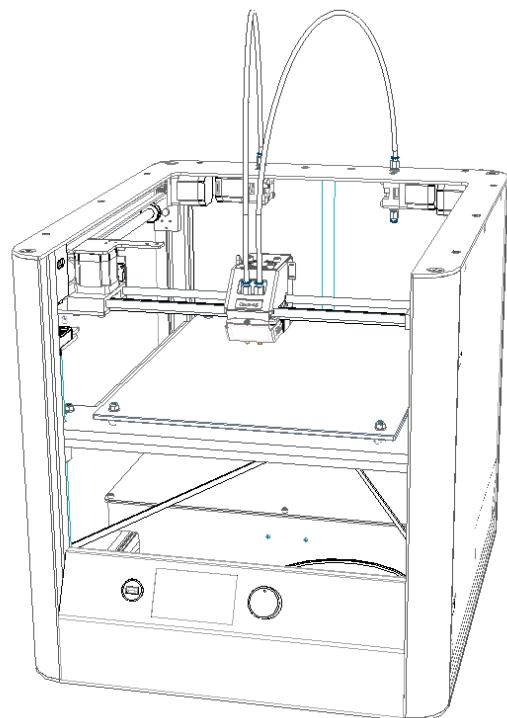


Leapfrog Creatr HS

DATASHEET

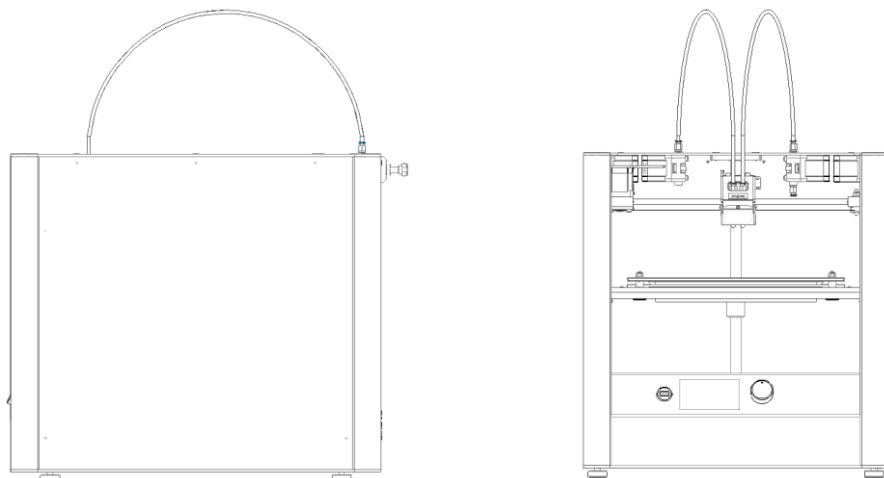
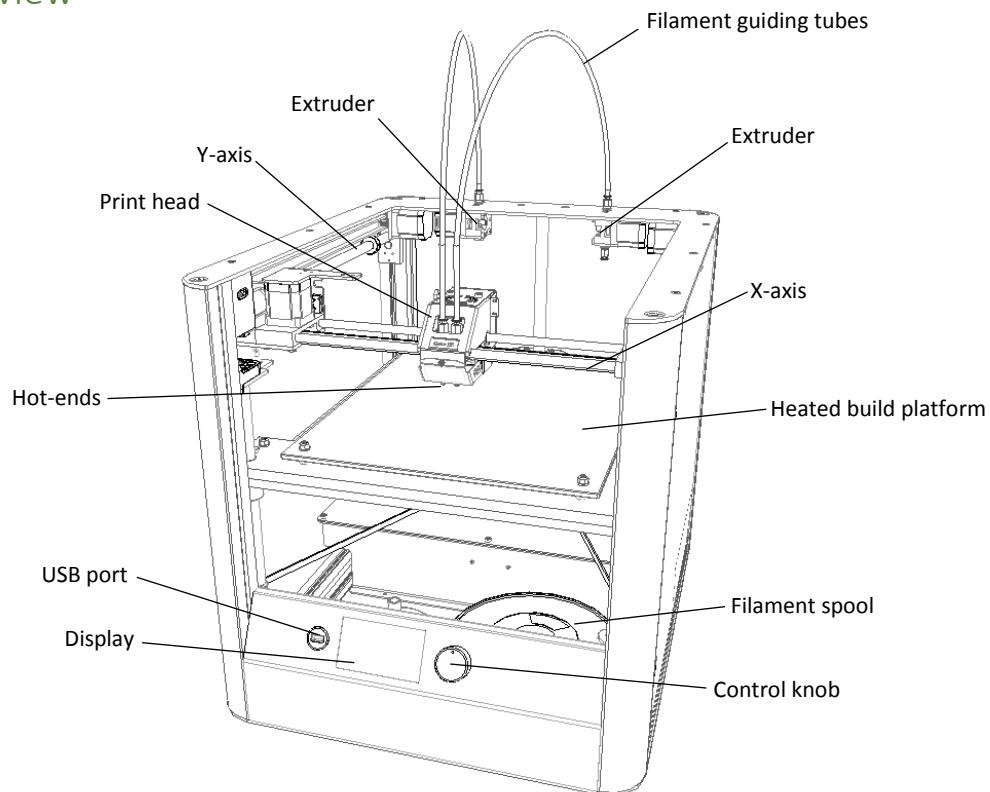
V01-06



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1. Overview



2. Technical specifications

Printer Model	Creatr HS	Approval Signature	
Document Version	V01-06	Date signed	

Specification	Metric						Imperial											
Physical dimensions (DWH)	633	x	486	x	523	mm		25	x	19	x	21	inch					
Printer Weight	32				kg		71				lbs							
Input voltage range*	88-264VAC																	
Input frequency	47 - 63 Hz																	
Power consumption	395W																	
Build size single extruder (DWH)	280	x	270	x	180	mm		11.0	x	10.6	x	7.1	inch					
Build size dual extruder (DWH)	280	x	240	x	180	mm		11.0	x	9.4	x	7.1	inch					
Build volume	13.6				L		3.0				gall.							
Heated bed max temp	90				°C		194				°F							
Heated Chamber	No																	
Hot end Max temp	275				°C		527				°F							
Number of extruders	2																	
Extruder size(s)	0.35	,			mm		1.38E-02	,			inch							
Filament size	1.75				mm		6.89E-02				inch							
Layer thickness	0.02	-	0.35		mm		7.87E-04	-	1.38E-02		inch							
Max print speed (DW)	18000	mm min	300	mm s			709	inch min	12		inch s							
Max. travel speed (DW)	24000	mm min	400	mm s			945	inch min	16		inch s							
Stepper motors	1.8° Step angle with 1/32 micro stepping																	
Positioning accuracy (DW)	0.017				mm		6.65E-04				inch							
Positioning accuracy (H)	0.020				mm		7.87E-04				inch							
Body/frame construction	Aluminum Extrusion Profiles																	
Heated bed construction	High grade glass																	
Printbed Z-levelling	4-knob hand levelling																	
Ethernet connection	No																	
Wireless	No																	
Internal OS	Linux																	
USB standalone format	.Gcode format																	
USB connection to computer	Virutal COM port																	
Printable materials	PLA, ABS, PET-G, HIPS, Flex, Nylon, Hybrid, Wood, Laybrick, Carbon, PVA																	

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

*On models prior to serial number HS-1511-0028 power input is set by Leapfrog and customers cannot change power input between 230/110V

3. Non-disclosure

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