

BOLT PRO

3DPRINTER

DATASHEET V01-06



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Rabobank Walcheren/ Noord-Beveland

Account nr. 3174.45.405 | IBAN: NL19 RABO 0137 4454 05 | BIC/SWIFT RABONL2U | VAT No: NL006608565B01 | Registered in Den Haag (NL) No. 28040550

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2. Technical specifications

Printer Model Bolt Pro
 Document Version V01-06

Approval date 21 June 2017

Specification	Metric				Imperial							
Physical dimensions (DWH*)	723	x	831	x	801	mm	28.5	x	32.7	x	31.5	inch
Printer weight	61				kg	134				lbs		
Input voltage range	88-264VAC											
Input frequency	47 - 63 Hz											
Power consumption	600W											
Operating temperature	15	to	30	°C	59	to	86	°F				
Build size single extruder (DWH*)	320	x	330	x	205	mm	12.6	x	13.0	x	8.1	inch
Build size dual extruder (DWH*)	320	x	300	x	205	mm	12.6	x	11.8	x	8.1	inch
Build size replicator/mirror mode (DWH*)	320	x	164	x	205	mm	12.6	x	6.5	x	8.1	inch
Build volume	21.6				L	4.8				gall.		
Heated bed max temp	90				°C	194				°F		
Closed chamber	Yes											
Hot end Max temp (standard / high temp)	270 / 360				°C	518 / 680				°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	0.05	to	0.35	mm	1.97E-03	to	1.38E-02	inch				
Advised printing speed (DW)	6000	$\frac{\text{mm}}{\text{min}}$	100	$\frac{\text{mm}}{\text{s}}$	-	236	$\frac{\text{inch}}{\text{min}}$	4	$\frac{\text{inch}}{\text{s}}$			
Max. travel speed (DW)	15000	$\frac{\text{mm}}{\text{min}}$	250	$\frac{\text{mm}}{\text{s}}$	-	591	$\frac{\text{inch}}{\text{min}}$	10	$\frac{\text{inch}}{\text{s}}$			
Stepper motors	1.8° Step angle with 1/32 micro stepping											
Positioning accuracy (DW)	0.008				mm	3.15E-04				inch		
Positioning accuracy (H)	0.010				mm	3.94E-04				inch		
Body/frame construction	Aluminium Framework											
Heated bed construction	High grade glass											
Semi-automatic printbed Z-levelling	Yes											
Ethernet connection	Yes											
Wifi	Yes											
Internal OS	Linux											
USB standalone format	.Gcode format											
Printing modes	Single, Dual Material, Replicator mode, Mirror mode											
Open system print materials (** experimental)	PLA, ABS, HIPS, Flex, Nylon, Hybrid, Woodfill, PVA**, Carbon**, other**											

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

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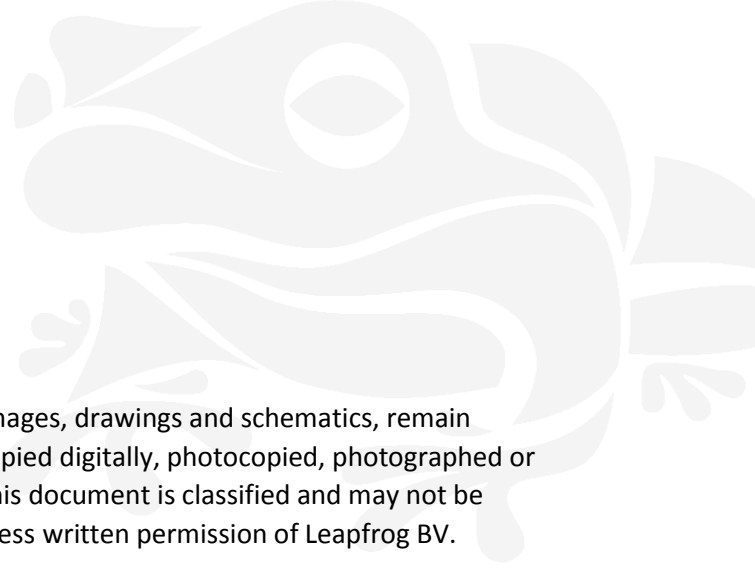
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