H. Kamerlingh Onnesweg 10
2408 AW Alphen aan den Rijn
The Netherlands

XceL

DATASHEET

V01-04

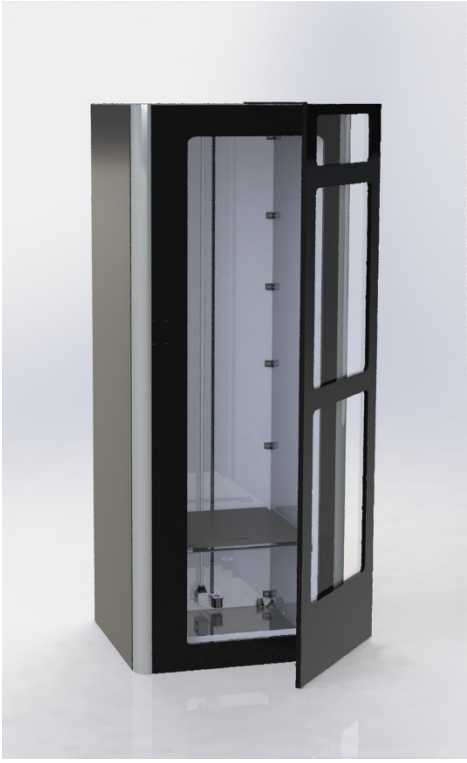

Figure 1: Concept render, subject to change

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1. Technical specifications

Specification	Metric		Imperial	
Physical dimensions (DWH)	945 x 1030 x 2900 mm		37.2 x 50.6 x 114.2 inch	
Input power	85-133VAC, 170-264VAC			
Input frequency	47 - 63 Hz			
Power consumption	1400W			
Build size single extruder (DWH)	530 x 500 x 2300 mm		20.9 x 19.7 x 90.6 inch	
Build size dual extruder (DWH)	510 x 500 x 2300 mm		20.1 x 19.7 x 90.6 inch	
Build volume	610 L.		134.2 gallon	
Heated bed	Max. 80°C		Max. 176°F	
Heated Chamber	No			
Hot end	Max. 275°C		Max. 527°F	
Number of extruders	2			
Extruder size	0.35-1.2 mm		0.014 – 0.05 inch	
Filament size	1.75 mm		0.07 or 0.12 inch	
Layer thickness	0.1 – 0.6 mm		0.04 – 0.024 inch	
Max. print speed (DW)	10800 mm/min.	180 mm/sec.	425 inch/min	7 inch/sec
Max. travel speed (DW)	10800 mm/min.	180 mm/sec.	425 inch/min	7 inch/sec
Stepper motors	1.8° Step angle with 1/32 micro stepping			
Positioning accuracy (DW)	0.018 mm		0.0007 inch	
Positioning accuracy (H)	0.010 mm		0.0004 inch	
Body/frame construction	Aluminium Framework			
Heated bed construction	Granite Composite			
Printbed Z-levelling	Automatic			
Wireless	yes			
Internal OS	Linux			
USB standalone format	.gcode format			
USB connection to computer	None			
Printable materials	PLA			

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

2. Non-disclosure

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