

Sr. No	Detailed Technical Specifications		Qty: 01 System.
01	Build Volume	210 x 325 x 400 mm	
02	Technology	FFF	
03	System	Core XY	
04	Connectivity	SD card	
06	XY resolution	± 0.03mm	
07	Z resolution	± 0.05mm	
08	Build plate	Removable spring steel magnetic sheet	
09	Power input	500 W	
10	Operational extruder temperature	200 – 300°C	
11	Ambient temperature	20 – 30°C	
12	Operational print bed temperature	30 – 105°C	
13	CAD input	G-code format	
14	User interface	Touch screen	
15	Screen size	4.3 inch	
16	Software	Simplify 3D (crabby version 1.0.400). Optimized for thin walled parts such as sheet metal prototypes	
17	Support	Manual and automatic	
18	Support structure	Custom rectilinear supports for thin walled parts	
19	Special filament	Crabby WRP (weather resistant polymer)	
20	Supported filament	PLA, ABS, TPU	
21	Automation Features	• Power loss recovery • Filament outage detection • Automated mesh bed leveling	
22	Extruder	Single	
23	Nozzle diameter	0.3 to 0.6 mm	
24	Print speed	20 – 100 mm/s	
25	Travel speed	120 mm/s	
26	Post processing	Minimal, very easy removal of supports	
27	Filament diameter	1.75 mm	
28	Controller	32 bit	
29	Country of Origin	Hungary, Central Europe	
30	Material	5 Kg WRP, 3 Kg PLA, 3 Kg ABS, 2 Kg TPU	
	Prototype development unit should be able to develop 0.8 mm thin sheets with twisted protrusion using WRP material.		