

The 100 V1.0 BOM

Part	Quantity	Price / Item in EUR	Price Total in EUR
Frame			
The 100 Frame	will be printed		0,00
Motion			
GT2-6mm	3 meters	2,22	2,22
20T Pulley (20T W6 B5)	2	0,94	1,88
F695 Bearings (5*13*4mm)	16	0,493	7,89
Nema17 42mm Stepper Motor	5	4,676	23,38
8mm Linear Rod 250mm length	8	3,52	28,16
LM8UU (RJ4JP-01-08)	6	0,576	3,46
Lead Screw (2mm Pitch / 8mm Lead, with nut) 200mm length	2	3,85	7,70
5mm to 8mm Lead Screw / Motor coppler	will be printed		0,00
Extruder, Hotend & Heatbed			
BMG Extruder Clone	1	9,37	9,37
PTFE Tube (4mm OD, 2mm ID)	1 meter	1,03	1,03
Ender 2 Pro Heatbed	1	28,01	28,01
Bed Level Screws, Springs & Thumbwheels	4	0,59	2,36
Hotend Option A:			
CHC Pro Volcano Hotend	1	36	
Volcano Adapter	1	2,35	
0.4mm CHT Clone Nozzle	1	1,51	
Hotend Option B:			
CHC V6 Hotend	1	21,25	21,25

Electronics				
24V 15A Power Supply		1	25,97	25,97
SKR Pico		1	34,72	34,72
Banana PI M2 Zero		1	39	39,00
WLAN Antenna		1	1,8	1,80
Micro SD (32gb)		1	2,9	2,90
24V 5015 Blower fan		3	4,2	12,60
24V 4010 Axial fan		1	3,5	3,50
Power Supply cable		1	2,4	2,40
Hardware				
M3	6mm, 10mm, 12mm, 16mm, 20mm, 30mm, 35mm, 40mm, Was		20	20,00
M5	12mm, 30mm, 40mm, Washers, Nuts		8	8,00
Heatinserts (M3xD5xL4)	~60		5,2	5,20
Cable Binder			2	2,00
Red/Black Wires	2x2 meter		3	3,00
Filament				
PLA	2,5-3kg		13,9	41,70
			TOTAL EUR	339,49
			TOTAL USD	320,28