



Research, Development & Design by:

Roy Buntzen

M.Sc. Engineering Designer

V-Baby CoreXY Part List

MakerSupplies Mechanical Kit		<<-- ALL HARDWARE KIT HERE		\$334.00		
Part Name	Description	Quantity	AliExpress Link	Price	Optional Component	Price2
10mm Belt Idler Smooth	Smooth Idler for 10mm belt	4	Size: W 11mm without t	\$16.00		
10mm Belt Idler Thoothed	Thoothed Idler for 10mm belt	2	Size: W 11mm with t	\$10.00		
10mm Belt Z Gear Pulley	Pulley for the Belted Z Gear	1	Size: For 10mm 1 pcs	\$5.00		
10mm Timing Belt	2GT Timing Belt 10W 2 Meter	4 meter	Size: 2M Color: 2GT 10MM	\$22.00		
6mm Belt Idler Smooth	Smooth Idler for 6mm belt	2	Size: W 7mm without t	\$10.00		
6mm Belt Idler Thoothed	Thoothed Idler for 6mm belt	6	Size: W 7mm with t	\$28.00		
6mm Belt Motor Pulley	GT2 20T 6W 5mm Bore	2	Size: Bore 5 width 6	\$11.00		
6mm Timing Belt	2GT Timing Belt 6W 4 Meter	4 meter	Size: 4M-6MM-2GT	\$19.00		
Belt Idler Bearing shafts	Bearing shafts 5mm	1x6	5mm Length: 35mm 6PC	\$3.00		
Belt Idler Precision Shim	6.5x5x1 mm Precision Shim	80	Size: 6.5x5x1mm	\$15.00		
Bowden Tube	1.9ID 4OD Filament Tube	1	Size: Black 1M	\$2.50		
Cable Loom Tube	Tube for Hotend Cables	1	20mmx1m Cable Loom	\$2.50		
Cable Sleeve Nylon	Sleeve for Heatbed cables	1	10 mm Sleeve	\$8.00		
Controller Board	Duet WIFI Clone w/TMC2660	1	BTT DUET WIFI Clone	\$60.00		
Extruder	BMG Type Filament Extruder	1	TriangleLab BMG	\$31.00		
Fan for Cabinet cooling	4010 Axial Fan 12/24V	2	Blade Color: 24V Ball	\$10.00		
Fan for Hotend cooling	4010 Blower Fan 12/24V	1	Blade Color: 24V Ball 9500RPM	\$2.00		
Fan For Part Cooling	3010 Blower Fan 5/12 24V	2	Blade Color: 24v dual ball	\$10.00		
Heatbed Build Plate	Milled Cast Aluminum	1	6mm 210x210 mm	\$30.00	Rolled Aluminum 5mm	\$16.00
Hotend	Dragon Hotend	1	Dragonfly Phateus Color: BMO	\$73.00		
Nema 17 1.8 A	Stepper motor 1.8 Amp	1x5	5Pack & Cable	\$30.00		
Optical Endstops	XY(Z) Endstops	1x6	6Pack Endstops	\$4.00		
Power Switch	10A 250VAC Fused Switch	1	10A Fused Switch	\$8.50		
Powersupply	24V 240W PSU	1	24V 10A 240W	\$20.00		
Safety Fuse	Thermal Safety Fuse for SSR	1	135 Deg Fuse	\$2.00		
Silicon Bed Heater	200x200 110V/220V Heater	1	Kenooovo 240V 400W	\$40.00		
Solid State Relay	Silicone Heater Relay Switch	1	SSR 40DA	\$3.50		
Z 3:1 GT2 Gear	GT2 Pulleys and 200 mm Belt	1	Size: 20T5 - 60T5:Color: 200MM	\$8.50		
Z Drive Gear Bearings	625RS Bearings	1x10	10Pcs 625RS	\$19.00		
Z Drive Gear Pulley Bolt	Bolt for the Gear Pulleys	1	Dia 5mm Length: 60mm	\$6.00		
Z Leveling Probe	3D Touch Leveling Probe	1	3D Touch	\$14.00		
Component Total Price				\$523.50		
Price inclusive mech kit				USD 857.50		