



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
Belt Idler Precision Shim	6.5x5x1 mm Precision Shim	80	(4x20) 6.5x5x1 Option Shim	\$15,00	200 pcs is same price	
Belt Idler Smooth 11mm	Smooth Idler for 10mm belt	4	4Pcs 11mm Without T	\$17,00		
Belt Idler Smooth 7mm	Smooth Idler for 6mm belt	2	2Pcs 7mm Without T	\$10,00		
Belt Idler Thoothed 11mm	Thoothed Idler for 10mm belt	2	2Pcs 7mm With T	\$25,00		
Belt Idler Thoothed 7mm	Thoothed Idler for 6mm belt	6	6Pcs 7mm With T	\$25,00		
Belt Timing Belt 6mm	2GT Timing Belt 6W 4 Meter	4 meter	4M-6MM-2GT	\$19,00		
Belt Timing Belt 10mm	2GT Timing Belt 10W 2 Meter	2 meter	2M-6MM-2GT	\$17,00		
Bowden Tube	1.9ID 4OD Filament Tube	1	ID 1.9 OD 4	\$2,50		
Cabinet Fan	4010 Axial Fan 12/24V	2	24V Controller Fan	\$3,00		
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	MKS DUET WIFI Clone	\$60,00		
Extruder	BMG Type Filament Extruder	1	TriangleLab BMG	\$31,00		
Heatbed Build Plate	Milled Cast Aluminum	1	6mm 210x210 mm	\$30,00	Rolled Aluminum 5mm	\$16,00
Hotend	Dragon Hotend	1	TriangleLab Dragon	\$73,00		
Hotend Fan	4010 Blower Fan 12/24V	1	24V 40x10 Blower	\$2,00		
Layer Fan	3010 Blower Fan 5/12 24V	2	24V 30x30x10	\$10,00		
Motor Pulley 5Bore	GT2 20T 6W 5mm Bore	2	2 x 5 BORE	\$9,00		
Motor Pulley 8Bore	GT2 20T 6W 8mm Bore	1	1 x 8 BORE	\$7,00		
Nema 17 1.5 A	Stepper motor 1.5 Amp	3	3Pack & Cable	\$30,00		
Optical Endstops	XY(Z) Endstops	3	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	220V/110V	\$30,00	Keenovo Option	\$40,00
Solid State Relay	Silicone Heater Relay Switch	1	SSR 40DA	\$3,50		
Worm Gear Box	Includes Stepper motor	1	1/17 Worm Stepper	\$37,00		
Z Leveling Probe	3D Touch Leveling Probe	1	3D Touch	\$14,00		
Component Total Price				\$515,00		
Price inclusive mech kit				USD 849,00		