



To order the hardware, fasteners and optional power supply:

- Send this list to: info@ratrig.com

Estimated Price for list - EUR 250 - Ask for price confirmation

Research, Development & Design by

Roy Beertsen

Support the development here:

<https://www.buymeacoffee.com/pro3d>

Part Name	Ratrig Part Nu	Description	Quantity	Category	
Hardware					
2020 V-Slot 500		500mm V-Slot	16	Hardware	Standard
2020 V-Slot 480		480mm V Slot	1	Hardware	Standard
3 Way V-Slot Corner	HW1113BC	3 Way Corner Bracket	8	Hardware	Standard
2028 L Bracket	HW1303BC	28mm X 20mm corner bracket	16	Hardware	Standard
Wheels					
Xtreme Solid V Wheel Kit	HW1212WK	V-Slot Big Wheels - Extreme	9	Hardware	Standard
Solid V Wheel Kit		V-Slot Big Wheels - Standard	12	Hardware	Standard
Mechatronic components					
Nema 17 Stepper Motor	HW1078EC	Nema 17 Stepper motor	4	Components	Standard
Timing Belt GT2 6mm	HW1037GC	Meter Timing belt for XYZ	10	Components	Standard
Timing Pulley GT2 20T	HW1035WC	Motor Timing Pulleys	4	Components	Standard
Fastners and Bearings		Type			
M3 Lock Nut	HW1251NC	Nylon Lock Nut M3	10	Fasteners	Standard
M3 NUT	HW1508NC	Hex Nut - M3	10	Fasteners	Standard
M3 WASHER	HW1373NC	Washer Simple M3	20	Fasteners	Standard
M3x10	HW1505SC	DIN 912	10	Fasteners	Standard
M3X25		DIN 912	10	Fasteners	Standard
M3x8	HW1502SC	DIN 912	20	Fasteners	Standard
M4 Hex NUT	HW1561NC	Hex Nut - M4	10	Fasteners	Standard
M4 WASHER		Washer Simple M4	10	Fasteners	Standard
M4x16		DIN 912	10	Fasteners	Standard
M4x20		DIN 912	10	Fasteners	Standard
M5 8OD Shim	HW1074NC	Mini Precision Shim - 8x5x1mm	75	Fasteners	Standard
M5 Nut		Standard Nut M5	20	Fasteners	Standard
M5 Nut lock	HW1039NC	Hex Locking Nut - m5	40	Fasteners	Standard
M5 T-Nut Hammer	HW1111NC	Drop In type Hammer Nut	50	Fasteners	Standard
M5 T-Nut Open Builds		OpenBuilds Tee Nut M5	25	Fasteners	Standard
M5 T-Nut Square		T-Nut Sqare M5	75	Fasteners	Standard
M5 WASHER	HW1315NC	Washer Simple M5	150	Fasteners	Standard
M5x10	HW1285SC	DIN 912	100	Fasteners	Standard
M5x12		DIN 912	10	Fasteners	Standard
M5x20 Hex		Hex Head	20	Fasteners	Standard
M5X25		DIN 912	10	Fasteners	Standard
M5x30		DIN 912	20	Fasteners	Standard
M5x35		DIN 912	10	Fasteners	Standard
M5x35 HEX		Hex Head	10	Fasteners	Standard
M5x8 Countersink		Countersink Screw	25	Fasteners	Standard
Ball Bearing 5-16-5	HW1209WC	Ball Bearing - 625 ZZ	6	Bearings	Standard
Controller components					
24V Power Supply	HW1351EC	110/220VAC - 24V PSU 240W Min	1	Components	Option



V-King - Other Parts to Buy

Click link to product supplier

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Category	Part Name	Description	Quantity	Bulk Est. Price
Hardware	Worm Gear	1:20 Worm Gear Set	1	EUR 15.00
Hardware	Worm Gear Rod	5mm X 565mm Steel rod	1	EUR 10.00
Hardware	GT2 Pulley Idler 20T	Thoothed Idler Pulley	10	EUR 15.00
Hardware	GT2 Pulley 20NT	Smooth Pulley	10	EUR 15.00
Hardware	Build Plate	350x400x6mm Aluminum	1	EUR 30.00
Ask for 750-1000W	Silicone Heatpad	350*400 Silicone Heater	1	EUR 25.00
Component	Solid State Relay	SSR 40A	1	EUR 4.00
Components	Optical Sensor	Optical Endstop Sensor	6	EUR 3.00
Components	E3d Hotend	E3d Hotend	1	
Components	Titan Extruder	Titan Extruder	1	
Components	BL Touch Probe	BL Touch Probe	1	
Controller	MKS Gen 1.4	Ramps Controller	1	EUR 20.00
Controller	DRV 8825	Stepper Drivers	5	EUR 10.00
Controller	12864 LCD	LCD Controller Panel	1	EUR 10.00
Components	Layer Fan	Fan for filament cooling	1	EUR 10.00

EUR 167.00

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