V-King - Component Parts to Buy

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Research, Development & Design by: *Roy Berntsen*

Part Name	Description	BOM Quantity	Unit Price	Bulk Price
Frame Parts				
2020 V-Slot 500	OpenBuild V-Slot 500mm	16	EUR 5.0	EUR 80.0
2020 V-Slot 480	OpenBuild V-Slot 480mm	1	EUR 5.0	EUR 5.0
3 Way V-Slot Corner	3 Way Corner Bracket	8	EUR 3.0	EUR 24.0
2028 Corner Bracket	Frame Corner Joint Brackets	20		7.00
Wheels				
Solid V-Wheel Kit	OpenBuild V-Slot Big Wheels	21	EUR 4.0	EUR 84.0

Estimated Frame Kit Price				**EUR 200.0**

Part Name	Description	BOM Quantity	Bulk Quantity	Bulk Price
Ball Bearing 5-16-5	Worm Gear Bearings	4	10	4.00
Build Plate	350x400x6mm Aluminum	1	1	30.00
Controller - MKS Gen L V1.0	Ramps Controller	1	1	20.00
Drivers - A4988	ZE Stepper Drivers	2	4	10.00
Drivers - TMC2208	XY Stepper Drivers	2	4	25.00
End Stop - Optical Sensor	Optical Endstop Sensor	2	6	3.00
Extruder	Titan Original Here	1	1	20.00
Fan - Layer Fan 12/24V	Fan for filament cooling	1	1	5.00
GT2 Idler Pulley 20T	Thoothed Idler Pulley	8	10	10.00
GT2 Idler Pulley Smooth	Smooth Pulley	10	10	10.00
GT2 Motor Pulley 20T	Thoothed Motor Pulley	4	5	5.00
GT2 Timing Belt	Reinforced Timing Belt	8	10	10.00
Hotend - J-Head/E3d Clone	e3d V6 Original Here	1	1	5.00
LCD - 12864 Controller	LCD Controller Panel	1	1	12.00
Power Supply 24V	240W 24V PSU	1	1	20.00
Power Switch - Fused	AC Inlet to PSU with Fuse	1	1	5.00
Probe - 3D Touch	Original Probe here	1	1	15.00
Silicone Heatpad 350*400	Ask for 110 AC if needed	1	1	25.00
Solid State Relay	SSR 40A	1	1	4.00
Stepper Motor 1.7A Nema 17	Nema 17 Stepper motor	4	5	40.00
Worm Gear	1:20 Worm Gear Set	1	1	15.00
Worm Gear Rod	5mm X 555 mm Steel rod	1	1	10.00
Estimated Component Retail Price				**303.00**

Total Estimated Kit Price				EUR 503.00

No fasteners or cables included