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## V-King - Components to Buy

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**HARDWARE KIT HERE:**

[MakerSupplies V-King Mechanical Kit](#)

Research, Development & Design by:

*Roy Berntsen*

Part Name	Description	BOM Quantity	Unit Price	Bulk Price
<b>Frame Parts</b>				
<a href="#">2020 V-Slot 500</a>	OpenBuild V-Slot 500mm	16	EUR 5.0	EUR 80.0
<a href="#">2020 V-Slot 480</a>	<a href="#">OpenBuild V-Slot 480mm</a>	1	EUR 5.0	EUR 5.0
<a href="#">3 Way V-Slot Corner</a>	3 Way Corner Bracket	8	EUR 3.0	EUR 24.0
<a href="#">2028 Corner Bracket</a>	Frame Corner Joint Brackets	20		7.00
<b>Wheels</b>				
<a href="#">Solid V-Wheel Kit</a>	OpenBuild V-Slot Big Wheels	21	EUR 4.0	EUR 84.0
<b>Estimated Frame Kit Price</b>				<b><u>EUR 200.0</u></b>

Component Part Name		BOM Quantity	Bulk Quantity	Bulk Price
<a href="#">Ball Bearing 5-16-5</a>	Worm Gear Bearings	4	10	4.00
<a href="#">Build Plate 1400 cm^2</a>	350x400x8mm Aluminum	1	1	90.00
<a href="#">Controller - MKS Gen L V1.0</a>	Ramps Controller	1	1	20.00
<a href="#">Drivers - A4988</a>	ZE Stepper Drivers	2	4	10.00
<a href="#">Drivers - TMC2208</a>	XY Stepper Drivers	2	4	25.00
<a href="#">End Stop - Optical Sensor</a>	Optical Endstop Sensor	2	6	3.00
<a href="#">Extruder</a>	<a href="#">Titan Original Here</a>	<u>1</u>	1	20.00
<a href="#">Fan - Layer Fan 12/24V</a>	Fan for filament cooling	1	1	5.00
<a href="#">GT2 Idler Pulley 20T</a>	Thoothed Idler Pulley	8	10	10.00
<a href="#">GT2 Idler Pulley Smooth</a>	Smooth Pulley	10	10	10.00
<a href="#">GT2 Motor Pulley 20T</a>	Thoothed Motor Pulley	4	4	5.00
<a href="#">GT2 Timing Belt</a>	Reinforced Timing Belt	7	10	10.00
<a href="#">Hotend - J-Head/E3d Clone</a>	<a href="#">e3d V6 Original Here</a>	<u>1</u>	1	5.00
<a href="#">LCD - 12864 Controller</a>	LCD Controller Panel	1	1	12.00
<a href="#">Power Supply 24V</a>	240W 24V PSU	1	1	20.00
<a href="#">Power Switch - Fused</a>	AC Inlet to PSU with Fuse	1	1	7.00
<a href="#">Probe - 3D Touch</a>	<a href="#">Original Probe here</a>	<u>1</u>	1	15.00
<a href="#">Silicone Heatpad 350*400</a>	Ask for 110 AC if needed	1	1	30.00
<a href="#">Solid State Relay</a>	SSR 40A	1	1	4.00
<a href="#">Stepper Motor 1.7A Nema 17</a>	Nema 17 Stepper motor	4	4	30.00
<a href="#">Worm Gear</a>	1:20 Worm Gear Set	1	1	10.00
Worm Gear Rod	5mm X 555 mm Steel rod	1	1	10.00
<b>Estimated Component Retail Price</b>		No fasteners or cables included		<b><u>355.00</u></b>

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Fasteners included

**EUR 415.00**