Project Valkyrie - Stage-O-BOM

Develompment Team Members

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Support Links:

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System	Category	Part Type	Description	Cut Length mm	BOM Quantity	Pack Price $	Pack Order Quantity	Line Price $	Order Parts Link	Supplier
Valkyrie		**3d Printer**	**Price exl VAT**					**$ 1,461**		
Frame	Hardware	T-Slot 2020	Z 2020 Rear Center	369	1	$ 8.62	1	$ 8.00	Color: 369 mm	VenstPow
Frame	Hardware	T-Slot 2020	X 2020 Rear Top	420	1	$ 9.50	1	$ 9.50	Color: 420 mm	VenstPow
Frame	Hardware	T-Slot 2040	X 2040	420	4	$ 10.54	4	$ 42.16	Color: 420 mm	VenstPow
Frame	Hardware	T-Slot 2040	Y 2040	480	4	$ 11.12	4	$ 44.48	Color: 480 mm	VenstPow
Frame	Hardware	T-Slot 2040	Z 2040	750	4	$ 14.70	4	$ 58.80	Color: 750 mm	VenstPow
Frame	Hardware	Bracket	2028 L Bracket		42	$ 5.00	5	$ 25.00	5x Color: 10pcs 2028	VenstPow
Frame	Hardware	Bracket	Corner Plate 90deg		4	$ 10.00	4	$ 40.00	1x 5pcs 2020 5 holes	VenstPow
Kinematic	Motionparts	Linear Rails	MGN 12h - Z Axis	350	3	$ 15.60	3	$ 46.80	3xGL: 350 - C: MGN12 H	VenstPow
Kinematic	Motionparts	Linear Rails	MGN 12h - Y Axis	400	2	$ 17.50	2	$ 35.00	2xGL: 400 - C: MGN12 H	VenstPow
Kinematic	Motionparts	Linear Rails	MGN 9h - X Axis	400	1	$ 16.00	1	$ 16.00	1xGL: 400 - C: MGN9 H	VenstPow
Frame	Hardware	Frame Bundle	Frame parts - Wenstpow - No Hardware					$ 325.74	Ask Venstpow for a bundle deal	
Frame	**Hardware**	**Frame Bundle**	**2040 Frame Kit - Misumi Premium**		**1**	**TBD**	**1**	**TBD**	**Premium Frame + Rail Bundle**	**MakerSupplies**
Frame	Hardware	Tube	20x20x18 Carbon Tube	410	1	$ 20.00	1	$ 20.00	1x 20X20X18MM 500MM	YTWS
Bed	Hardware	Plate	Cast Aluminum 350x350x8mm	350	1225	$ 0.08	1225	$ 104.00	1225 cm^2	MakerSupplies
Bed	Hardware	Print Surface	Removal Spring Steel PEI Sheet	330	1	$ 46.00	1	$ 46.00	1x Size: (130C)330x330mm	Energetic
Bed	Hardware	Rod	5x50mm Rod For Ball Joint		6	$ 3.00	2	$ 6.00	2x Length: 50mm 4PC	WanFang
Bed	Hardware	Ball Joint	Precision Ball 10mm M4		3	$ 3.00	1	$ 3.00	1x Size: 10pc	KingRoon
AC/DC	Electronics	Controller Board	Duet 3 6HC		1	$ 145.00	1	$ 145.00	1x Duet 3 6HC	Fysetc
AC/DC	Electronics	PSU	Power Supply Unit		1	$ 23.00	1	$ 23.00	24V10A 240W	Vusum
AC/DC	Electronics	Switch	Power Switch		1	$ 7.50	1	$ 7.50	1x Power switch	TriangleLab
AC/DC	Electronics	Heater	Keenovo 750W Silicone Heater	300	1	$ 78.39	1	$ 78.39	1x Color: 220V/110V	Keenovo
AC/DC	Electronics	Switch	Solid State Relay		1	$ 26.00	1	$ 26.00	Omron Solid State Relay	Mellow
AC/DC	Electronics	Fuse	Thermal Fuse for AC Heater		1	$ 3.00	1	$ 3.00	1x Temperature: 150/180 degree	Weidly
ToolHead	Electronics	Probe	Z Probe - Bl Touch Type		1	$ 15.00	1	$ 15.00	3D Touch	TriangleLab
ToolHead	Electronics	Accelerometer	LIS3DSH Accelerometer		1	$ 2.00	1	$ 2.00	1x LIS3DSH Accelerometer	RQG
ToolHead	Extruder	Hotend	NF-Smart_Dg V2.0		1	$ 40.00	1	$ 40.00	1x Color: Set 2/3/5/6	Mellow
ToolHead	Extruder	Thermistor	PT1000 Thermistor Up to 450C		1	$ 13.50	1	$ 13.50	1x PT1000 Thermistor Cartridge	TriangleLab
ToolHead	Extruder	Extruder	Bontech LGX Lite + Motor		1	$ 80.00	1	$ 80.00	LGX® Lite + LDO NEMA 14	Bondtech
ToolHead	Extruder	Tube	PTFE Teflon Tube		1	$ 3.75	1	$ 3.75	1x Size: 1M ID 2MM OD 3MM	Mellow
Kinematic	Hardware	Rod	5x25mm Rod For Tension Forks		5	$ 1.20	1	$ 1.20	1x Length: 25mm 8PC	WanFang
Kinematic	Hardware	Rod	5x40mm Rod For AB Idlers		12	$ 3.00	3	$ 9.00	3x Length: 40mm 5PC	WanFang
Kinematic	Motionparts	Belt	Timing Belt 2GT 9mm 135C		8	$ 59.00	1	$ 59.00	1x 8M Heat Resistant - 9mm	TriangleLab
Kinematic	Motionparts	Idler	Idlers Smooth 11mm		10	$ 4.10	10	$ 41.00	10x W 11mm without t	Mellow
Kinematic	Motionparts	Idler	Idlers Toothed 11mm		5	$ 6.00	5	$ 30.00	5x W 11mm with t	Mellow
Kinematic	Motionparts	Pulley	Pulley 11mm 2GT		5	$ 4.00	5	$ 20.00	5x For 9mm	Mellow
Kinematic	Motionparts	Gear	2GT 20T-80T 4:1 Belt Gear	200	3	$ 16.00	3	$ 48.00	3x 20T(5mm)-80T(5mm)-200mm	Powge
Kinematic	Motionparts	Steppermotor	42mm NEMA 17 1.7A		5	$ 14.50	5	$ 72.50	1x 5Pcs 40mm 45N-cm 2A	StepperOnline
	Fasteners	Various	See Fastener sheet				1	$238		
Valkyrie		**Bundle Price**	**Price exl VAT**					**$ 1,461**		