

Hardware Costs

Item Description	Material	Units	Unit Price	Total Price (incl. VAT)	Supplier
KOYO Flange Unit (UCFL205KOYO)	Steel	5	R 228,25	R 1 141,27	West Cape Bearing
KOYO Flange Unit (UCP208KOYO)	Steel	2	R 404,41	R 808,83	West Cape Bearing
KOYO Flange Unit (UCFL204KOYO)	Steel	2	R 189,17	R 377,35	West Cape Bearing
UCFL203FKD/ISO Flange Bearing (UCFL203FKD/ISO)	Steel	3	R 75,21	R 225,63	West Cape Bearing
Timing Pulley (35.PHP18-5M-25)	Aluminum	1	R 468,94	R 469,13	West Cape Bearing
Timing Pulley (35.PHP90-5M-25)	Aluminum	1	R 2 314,58	R 2 314,59	West Cape Bearing
Timing Belt (40.TB-5M-600)	Rubber	1	R 335,82	R 335,82	West Cape Bearing
Sprocket Taper Lock 2012 (30.08B1X57TL1/2)	Steel	4	R 866,74	R 3 466,96	West Cape Bearing
Taper Lock Bush (80.2012X25)	Steel	4	R 161,09	R 644,37	West Cape Bearing
ORC Coupling Flange Standard 1008 (45.ORB07.S)	Steel	2	R 152,23	R 304,45	West Cape Bearing
ORC Coupling Element (45.ORB07.E)	Rubber	1	R 22,42	R 22,43	West Cape Bearing
Taper Lock Bush (80.1008X22)	Steel	2	R 73,26	R 146,51	West Cape Bearing
Chain Made Up (99.CHAIN)	Steel	2	R 5 284,25	R 10 568,50	West Cape Bearing
Laser Cut Parts	Mild Steel			R 5 278,53	Fabrinor
Wood for Panels	Pine/Plywood			R 5 243,47	Timbuild
Worm Gear Set	SS + Brass			R 2 117,34	Servocity
Fasteners	M/S			R 5 714,80	Carry on Hardware
Electronics				R 345,00	MicroRobotics
Laser Cut Worm Gear Brackets	Mild Steel			R 594,86	Fabrinor
Nylon Sheeting	Nylon			R 330,25	Maizey Plastics
Brake Resistor	Aluminium			R 1 256,72	ElectroMechanica
Steel Square Tube Base (per/m)	76x2mm M/S	13,67	R 116,46	R 1 591,58	M&M Workshop
Steel Square Tube Uprights (per/m)	76x2mm M/S	11,60	R 116,46	R 1 350,97	M&M Workshop
Steel Square Cross Beams (per/m)	100x2mm M/S	1,20	R 241,36	R 289,64	M&M Workshop
Top Shaft (per/m)	25mm M/S	1,20	R 105,23	R 126,27	M&M Workshop
Bottom Shaft (per/m)	25mm M/S	1,20	R 105,23	R 126,27	M&M Workshop
Main Pivot Shaft (per/m)	40mm M/S	1,55	R 190,54	R 295,33	M&M Workshop
Drive Pivot Shaft (per/m)	16mm M/S	1,55	R 30,48	R 47,24	M&M Workshop
			TOTAL	R 45 534,10	

ITEMS ALREADY IN STOCK (Expenses to be added for new product)					
Item Description	Material	Units	Unit Price	Total Price (incl. VAT)	Supplier
Nema 23 Stepper Motor				R 750,00	3DPrintingStore
Stepper Driver				R 1 100,00	3DPrintingStore
10Nm Stepper Motor + Driver				R 5 000,00	Aliexpress
			TOTAL	R 6 850,00	

COMPLETE PRODUCT HARDWARE COST (inc VAT)

R 52 384,10