

Bill Of Material(BOM)

SNO.	Item Name	Quantity	Price	Amount	Supplier
1	NEMA 17 Stepper Motor 17HS4401 (4.2Kg cm,D Shaft)	5	605	3025	Robu.in
2	Ultrasonic Sensor (HC-SR04)	2	104.5	209	Robu.in
3	MicroStep Stepper Motor Driver TB6600 4A~9V-42V TTL 16	7	489	3423	Robu.in
4	Raspberry Pi	1	7699	7699	Robocraze
5	SD Card 32GB Sandisk	1	250	250	OEM
6	Lead Screw (350mm)	1	239	239	Robu.in
7	Lead Screw (400mm)	1	229	229	Robu.in
8	Lead Screw (1000mm)	1	659	659	Robu.in
9	Lead Screw (600mm)	1	439	439	Robu.in
10	Bearing 6600Z 8X5X16	4	8	32	ElectroniComp
11	Aluminum Flexible Coupling Coupler Helical Shaft 5mm x 8mm	5	68	340	Robu.in
12	Bearing 6600Z 8X5X16	1	50	50	OEM
13	20X40 6T Slot Aluminium Extrusion Profile – 1000 mm	6	799	4794	Robu.in
14	PGSA2Z® 12V - 24V DC 13L High Flow 555 Vacuum Pump, Air Pump, Oxygen Pump	1	899	899	Amazon
15	Big POM Wheel Kit for V-Slotted Aluminum Extrusion Openbuilds V-Slot Rail OX CNC	6	430	2580	Amazon
16	Gantry plate aluminium material improved v slot gantry plate for 2040 profile	3	509	1527	Amazon
17	Dealink CNC Parts Nut Block for T8 8mm Metric Acme Lead Screw for C-Beam 3D Printer	2	494	988	Amazon
18	3D Printed Mountings and Modules	1	3000	3000	OEM
19	Connecting Wires(300ft)	1	300	300	OEM
20	SC8UU 8 mm Linear Ball Bearing Slide	10	105	1050	Robu.in
21	500 MM long Chrome Plated Smooth Rod Diameter 8 MM	2	288	576	Robu.in
22	400 MM long Chrome Plated Smooth Rod Diameter 8 MM	2	225	450	Robu.in
23	320 MM long Chrome Plated Smooth Rod Diameter 8 MM	2	183	366	Robu.in
24	10 x 15mm 1m Cable Drag Chain Wire Carrier	4	423	1692	Robu.in
25	Logitech C270 Digital HD Webcam with Widescreen HD Video Calling, HD Light Correction, Noise-Reducing	3	2095	6285	OEM
26	Metal Frame	1	3000	3000	OEM
	Total			44101	