

Pos	Part	Size	Qty.	Link	EUR	Total	Comments
1	90ST-M02430 Servo Motor + Driver	BK-B-90	1	Aliexpress	200	200	BK ver. With Discount
2	D40L50 Stepper Motor Connector	12x16mm	1	Aliexpress	13,44	13,44	Motor Coupling
3	RBK Motor Bracket	RBK15-86	1	Vallder	34,68	34,68	Integrated BK Housing
4	Lead Ball Screw SFU2005	300mm	1	Aliexpress	29,9	29,9	Lead Screw + Ball Nut
5	BF Bearing Housing	BF-15	1	Vallder	7,79	7,79	Lead Screw Bearing
6	SFU Nut Housing	DSG20H	1	Vallder	4,79	4,79	Ball Nut Housing
7	3060 Alu Extrusion Profile, M8 threaded	300mm	2	Motedis	9,7	19,4	M8 machined all 4 holes
8	3040 Alu Extrusion Profile, M8 threaded	144mm	1	Motedis	1,18	1,18	Need to drill according vid.
9	HGR Linear Rail HGR15	330mm	2	Vallder	10,61	21,22	Side guide rails, 15mm
10	HGH Linear Block	HGH 15CA	2	Vallder	12,48	24,96	15mm guide blocks
11	Socket Bolts for HGR x100	M4x16mm	1	Aliexpress	6,45	6,45	Rail mounting bolts
12	T-Nuts for 3030 Profiles, M4 x20	3030 M4	1	Aliexpress	6,48	6,48	T-nuts for rails
13	T-Nuts for 3030 Profiles, M6	T-Nut-30-M6	20	Vallder	0,23	4,6	Motor Mounts, Anlgle Brackets
14	Socket Bolt x10	M6x45mm	1	Aliexpress	6,83	6,83	For Motor Mounts
15	Round Head Socket Bold	M8x20mm	8	Vallder	0,18	1,44	For aseembling 3030 frame
16	Socket Bolt M4 x100	M4x25mm	1	Aliexpress	8,26	8,26	For linkage mount to HGH Blocks
17	Socket Bolt M6 x50	M6x20mm	1	Aliexpress	6,83	6,83	For linkage mount to SFU Nut
18	Ball Joint Threaded Rod 8mm	PHSA8	2	Aliexpress	1,76	3,52	Linkage Motor-to-TL Frame
19	Hex Head Bolt M8	M8x50mm	2		0,3	0,6	For linkage Assembly
20	M8 Lock Hut	M8	2		0,5	1	For linkage Assembly
21	M8 Threaded Rod	M8 ??	1	Aliexpress	4,71	4,71	Cut to measure or pre-cut
22	Socket Bolt M8	M8x16	4	Vallder	0,38	1,52	Mount to TL Frame
23	T-Nut for 4040 Profile M8	T-Nut-40-M8	4	Vallder	0,3	1,2	Mount to TL Frame
24	Flat Socket Bolt M6	M6x16	6	Vallder	0,13	0,78	30 Angle Bracket to 4040 Profile
26	Angle Side Bracket 3030	Bracket 30	6	Vallder	0,82	4,92	Mouts Actuator to Frame
27	Linkage Mount Top	PETG	1	Printed			Linkage carried HGR-SFU
28	Linkage Mount Bottom	PETG	1	Printed			Linkage distancer for joint
29	TL Mount Top	PETG	1	Printed			Linkage bracket for 4040 Frame
30	TL Mount Bottom	PETG	1	Printed			Linkage bracket for 4040 Frame
31	Side Plate	PETG	1	Printed			Sub frame side plate
29	End Cap 3030	PETG	2	Printed			End caps for 144mm 3030
30	Distancer 3030 5mm	PETG	6	Printed			Alignment for 30 Brackets to 4040
31	HGR15 Guideway Limiter	Lim-15	4	Vallder	3,36	13,44	Optional Part
Total						357,36	EUR