

Big Assembly	Smaller assembly	Nimi	Kogus	Materjal	1tk kaal (kg)	Kogu kaal(kg)	Faili nimi	TME Symbol	Kommentaariid
Second Floor Assembly									
	Main					0.529136			
	Olemas	Spacer 45mm	4	Brass	0.00674	0.02696	spacer_45mm.par	TFF-M3X45/DR113	
	Välja prinditud	Attach for Support	2	PLA	0.01213	0.02426	PLA Attach for Support V2.par		
	Olemas	Rails (Left and Right)	2	PLA	0.029423	0.058846	Rails Second floor L.par & Rails Second floor R.par		
	Välja lõigatud	Second Floor	1	Polycarbonate (5mm)	0.401	0.401	Second Floor V3.par		
	Olemas	M3 10mm Bolt CS	4	Steel	0.000521	0.002084	M3 10mm CS Bolt.par	B3X10/BN20	
	Olemas	M3 16mm Bolt CS	6	Steel	0.000766	0.004596	M3 16mm CS Bolt.par	B3X16/BN20	
	Olemas	M3 Nut	6	Steel	0.000315	0.00189	M3 Nut.par	B3/BN115	
	Olemas	M4 12mm Bolt	4	Steel	0.001523	0.006092	M4 12mm Bolt.par	B4X12/BN17	
	Olemas	M4 Lock Nut	4	Steel	0.000852	0.003408	M4 Locking Nut.par	B4/BN161	
	Motor Assembly					0.52201			
	Välja freesitud	Connecting Piece	1	Aluminium	0.011	0.011	Connecting Piece.par		
	Olemas	Brass Nut	1	Brass	0.012	0.012	Brass Nut.par		
	Olemas	BDSG-37-40-R150	1	Electronics	0.2	0.2	BDSG-37-40-R150_motor.par		<a href="https://www.pololu.com/product/4751/specs">https://www.pololu.com/product/4751/specs</a>
	Välja prinditud	M6 washer	6	PLA	0.00019	0.00114	M6 washer 6x15 x 1.par		
	Välja prinditud	Lead Screw Support	1	PLA	0.02325	0.02325	Lead Screw Support Rev3.par		
	Välja prinditud	M6 Washer	1	PLA	0.00019	0.00019	M6 washer 6x15 x 1.par		
	Välja prinditud	Motor Cap	1	PLA	0.02091	0.02091	Motor Cap Rev1.par		
	Välja prinditud	Motor holder	1	PLA	0.03214	0.03214	Motor holder.par		
	Välja prinditud	Motor legs (Left & Right)	2	PLA	0.0211	0.0422	Motor legs R.par & Motor legs L.par		
	Olemas	Lead Screw	1	Steel	0.097	0.097	Lead Screw.par		
	Olemas	M3 20mm Bolt	4	Steel	0.0012	0.0048	M3 Bolt 20mm.par	B3X20/BN17	
	Olemas	M3 8mm Bolt	6	Steel	0.000615	0.00369	M3 Bolt 8mm.par	B3X8/BN16	
	Olemas	M3 Grub Screw	4	Steel	0.000197	0.000788	M3 Grub Screw 6mm.par	B3X6/BN24	
	Olemas	M3 Nut	4	Steel	0.000315	0.00126	M3 Nut.par	B3/BN115	
	Olemas	M5 16mm Bolt	4	Steel	0.00359	0.01436	M5 16mm Bolt.par	M5X16/D912-A2	
	Olemas	M5 25mm Bolt	4	Steel	0.004727	0.018908	M5 25mm Bolt.par	M5X25/D912-A2	
	Olemas	M5 Nut	4	Steel	0.001042	0.004168	M5 Nut.par	B5/BN115	
	Olemas	M5 Nut	4	Steel	0.001042	0.004168	M5 Nut.par	B5/BN115	
	Olemas	M6 16mm Bolt	2	Steel	0.00471	0.00942	M6 16mm Bolt.par	B6X12/BN272	
	Olemas	M6 20mm Bolt	2	Steel	0.006195	0.01239	M6 20mm Bolt V2.par	M6X20/D912-A2	
	Olemas	M6 Lock Nut	2	Steel	0.002057	0.004114	M6 Locking Nut.par	B6/BN161	
	Olemas	M6 Lock Nut	2	Steel	0.002057	0.004114	M6 Locking Nut.par	B6/BN161	
	Drag Chain Assembly					0.186824			
	Välja prinditud	2 floor Drag Chain Holder	1	PLA	0.0351	0.0351	2 floor Drag Chain Holder.par		
	Välja prinditud	Drag Chain	41	PLA	0.00289	0.11849	LinkV2.o.stl		
	Välja prinditud	Drag Chain Cover	45	PLA	0.00058	0.0261	LinkCoverV2.o.stl		Sai kasutatud Rideeni poolt valmistatud kaabliketti <a href="https://www.thingiverse.com/thing:4786780">https://www.thingiverse.com/thing:4786780</a>
	Olemas	CS M3 12mm Bolt	2	Steel	0.000599	0.001198	M3 12mm CS Bolt.par	B3X12/BN20	
	Olemas	M3 Nut	3	Steel	0.000315	0.000945	M3 Nut.par	B3/BN115	
	Olemas	M3 12mm Bolt	1	Steel	0.000806	0.000806	M3 Bolt 12mm.par	B3X12/BN17	
	Olemas	M3 10mm Bolt	5	Steel	0.000837	0.004185	M3 Bolt 10mm.par	B3X10/BN11	
Main Assembly									
	Main					1.10938			
	Välja freesitud	Aluminium pipe	1	Aluminium	0.026	0.026	Aluminium pipe.par		
	Olemas	Tube (125mm, OD10, ID 8 )	6	Aluminium	0.017	0.102	Tube 125mm.par		
	Olemas	M8 30mm Bolt	34	Nylon (Polyamide)	0.0022	0.0748	M8 30mm Bolt NYLON V2.par		
	Olemas	M8 Nut	26	Nylon (Polyamide)	0.00066	0.01716	M8 Nut NYLON V2.par		
	Välja prinditud	5mm Thick Washer	2	PLA	0.00045	0.0009	5mm thick washer.par		
	Välja prinditud	M10 washer (0.5mm)	2	PLA	0.00018	0.00036	M10 washer 0.5mm .par		
	Välja prinditud	M10 washer(1mm)	11	PLA	0.00029	0.00319	M10 washer.par		
	Välja prinditud	M6 Washer	4	PLA	0.00019	0.00076	M6 washer 6x15 x 1.par		
	Välja prinditud	M8 Nut (3D printed)	26	PLA	0.00064	0.01664	M8 nut .par		
	Välja prinditud	M8 washer (1mm)	79	PLA	0.00016	0.01264	M8 Washer 8 x 13 x1.par		
	Välja prinditud	M8 washer(1.7mm)	12	PLA	0.00028	0.00336	M8 Washer 8 x 13 x1.7.par		
	Välja prinditud	Stopper Ring	12	PLA	0.00164	0.01968	Stopper Ring.par		
	Välja lõigatud	Scissor legs	28	Polycarbonate (5mm)	0.029	0.812	Support 1 Level V2.par & Support Lead screw level Rev1.par & Support V2.par		
	Olemas	M3 10mm Bolt	2	Steel	0.000837	0.001674	M3 Bolt 10mm.par	B3X10/BN11	
	Olemas	M3 20mm Bolt	12	Steel	0.0012	0.0144	M3 Bolt 20mm.par	B3X20/BN17	
	Olemas	M3 Nut	12	Steel	0.000315	0.00378	M3 Nut.par	B3/BN115	
	Olemas	M3 Washer	2	Steel	0.000018	0.000036	M3 Washer.par	B3/BN1074	
	3 Floor Assembly					0.239807			
	Välja prinditud	3 Floor base	1	PLA	0.0931	0.0931	3 floor base.par		
	Välja prinditud	3 Floor Drag Chain Holder	1	PLA	0.05976	0.05976	Drag chain holder v2 3 floor.par		
	Välja prinditud	3 Floor Rails Left Side	1	PLA	0.03877	0.03877	PLA 3 Floor Left Side V2.par		
	Välja prinditud	3 Floor Rails Right Side	1	PLA	0.03877	0.03877	PLA 3 Floor Right Side V2.par		
	Olemas	M3 10mm Bolt	4	Steel	0.000837	0.003348	M3 Bolt 10mm.par	B3X10/BN11	
	Olemas	M3 12mm Bolt	4	Steel	0.000806	0.003224	M3 Bolt 12mm.par	B3X12/BN17	
	Olemas	M3 Nut	9	Steel	0.000315	0.002835	M3 Nut.par	B3/BN115	
	Screen Assembly					0.607068			
	Olemas	LCD	1	Electronics	0.395	0.395			<a href="https://www.waveshare.com/product/raspberry-pi/displays/7inch-hdmi-lcd-c.htm?___SID=U">https://www.waveshare.com/product/raspberry-pi/displays/7inch-hdmi-lcd-c.htm?___SID=U</a>
	Välja prinditud	Screen Bottom Cover	1	PLA	0.08338	0.08338	Screen Bottom.par		
	Välja prinditud	Screen Holder	2	PLA	0.01853	0.03706	Screen Holder R3.par		
	Välja prinditud	Screen Top Cover	1	PLA	0.0797	0.0797	Screen Top.par		
	Olemas	M3 10mm Bolt	4	Steel	0.000837	0.003348	M3 Bolt 10mm.par	B3X10/BN11	
	Olemas	M3 20mm Bolt	4	Steel	0.0012	0.0048	M3 Bolt 20mm.par	B3X20/BN17	
	Olemas	M3 Nut	12	Steel	0.000315	0.00378	M3 Nut.par	B3/BN115	
					Kogu kaal: 3.194225				