



Horizontal Travel Robot Arm - HTA0

3d print Ca 3d print He 3d print Idl 3d print Ne 3d print Gr 3d print Ar 3d print Ba 3d print Se Arm Sc	omponent amera Holder elper iller ema Holder rip	Type	Size	Qty	Kit 3D Part Kit 3D Part Kit	Notes
3d print He 3d print Idl 3d print Ne 3d print Gr 3d print Ar 3d print Ba 3d print Se Arm Sc Arm Sc	elper ller ema Holder					
3d print Idl 3d print Ne 3d print Gr 3d print Ar 3d print Ba 3d print Se Arm Sc Arm Sc	ller ema Holder				3D Part Kit	
3d print Ne 3d print Gr 3d print Ar 3d print Ba 3d print Se Arm Sc Arm Sc	ema Holder					
3d print Gr 3d print Ar 3d print Ba 3d print Se Arm Sc Arm Sc					3D Part Kit	
3d print Ar 3d print Ba 3d print Se Arm Sc Arm Sc	rip				3D Part Kit	
3d print Ar 3d print Ba 3d print Se Arm Sc Arm Sc	·· F				3D Part Kit	
3d print Ba 3d print Se Arm Sc Arm Sc	rmc				3D Part Kit	
3d print Se Arm Sc Arm Sc						
Arm Sc Arm Sc					3D Part Kit	
Arm Sc	ervo Holder				3D Part Kit	
Arm Sc	crew	M2	8mm	2	Bolt Kit	
	crew	M2	6mm	1	Bolt Kit	
		M2	Nut		Bolt Kit	
Arm Ro	od	3mm Diameter	39mm	2	3D Part Kit	
Arm Sc	crew	M3	30mm	1	Bolt Kit	
Arm Sc	crew	M3	20mm	3	Bolt Kit	
	crew	M3	16mm		Bolt Kit	
	crew	M3	12mm		Bolt Kit	
Arm Lo	ocking Nut	M3	Nylon Locking Nut	7	Bolt Kit	
Arm Be	earings	MR63ZZ / L-630 / 673ZZ	3x6x2.5 mm	14	3D Part Kit	
	crew	M4	10mm	9	Bolt Kit	Can use 14mm M4s with a 4mm plastic spacer
			Washer			
	/asher	M4			Bolt Kit	Can use 14mm M4s with a 4mm plastic spacer
	near Bearings	SC8UU	Slide Block		N/A	
Body/Frame Sc	crew	M3	8mm	12	Bolt Kit	
Body/Frame W	/asher	M3	Washer	12	Bolt Kit	
	-Nut	M3	T-Nut 6mm Profile		Bolt Kit	
						420 111
	-Slot 2020	Aluminum T-Slot	100mm		3D Part Kit	120mm will give you more room
Camera Sc	crew	M3	10mm	3	Bolt Kit	
Camera T-I	-Nut	M3	T-Nut 6mm Profile	1	Bolt Kit	
Camera Nu	ut	M3	Nut	2	Bolt Kit	
	crew	M3	20mm		Bolt Kit	
Camera Lo	ocking Nut	M3	Nylon Locking Nut	1	Bolt Kit	
Carriage Movement GT	T2 Timing Belt		Based on Desired travel	1	N/A	
Carriage Movement Tir	iming Pulley		20 Teeth, 5 mm bore	1	N/A	
	ller		Toothless, 5 mm bore		N/A	
		142				No O. I. H A.A I. I. C
	crew	M3	12mm		Bolt Kit	Nema & Idler Mount to frame
Carriage Movement Sc	crew	M3	30mm	1	Bolt Kit	Idler axle
Carriage Movement Sci	crew	M3	8mm	4	Bolt Kit	Nema motor fasteners
Carriage Movement T-I	-Nut	M3	T-Nut 6mm Profile	4	Bolt Kit	Nema & Idler Mount to frame
Carriage Movement Nu		M3	Nut		Bolt Kit	Idler axle
	crew	M2	6mm		Bolt Kit	For Belt Grip
Carriage Movement Nu	ut	M2	Nut	2	Bolt Kit	For Belt Grip
Electronics Ste	tepper Driver	A4988		1	N/A	
	oltage Converger	LM2596	3.0-40V to 1.5-35V		N/A	
	ervo	LewanSoul LD-20MG	20kg per cm, 180 degrees		Servo Kit	
Electronics Mi	1icro-Servo	TowerPor SG92R		1	Servo Kit	
Electronics An	rduino	Mega 2560		1	N/A	
Electronics Ra	aspberry Pi 3 B+				N/A	
	readboard & Cables				N/A	
		51/CA 400 N/4				
	ower Supply	EVGA 400 N1			N/A	
Electronics Ste	tepper Motor	Nema 17 Stepper Motor	26Ncm(36.8oz.in) 12V 0.4A	1	N/A	
Frame T-5	-Slot 20 x 20		1 Meter	2	N/A	
	-Slot 20 x 20		0.5 Meter		N/A	
			III Meter		N/A	I recommend more stable joints, passible 2d asisted as barrer
	Shape Corner Connector					I recommend more stable joints, possibly 3d printed or braces.
	orner Bracket	Right Angle 20Series	6mm Bracket		N/A	I recommend more stable joints, possibly 3d printed or braces.
Frame Sc	crew	M4	10mm	8	N/A	
Frame W	/asher	M4	Washer	9	N/A	
	-Nut	M4	T-Nut 6mm Profile		N/A	
	crew	M2	6mm		Bolt Kit	
Grip Nu	ut	M2	Nut	2	Bolt Kit	
Grip Sc	crew	M3	12mm	7	Bolt Kit	
	ocking Nut	M3	Nylon Locking Nut		Bolt Kit	
			,			Can be replaced by Hern Factorer
	crew	Horn Screw			Servo Kit	Can be replaced by Horn Fastener
Grip Servo W	/asher	Horn Washer	Washer	1	Servo Kit	Can be replaced by Horn Fastener
Rods 8n	mm Diamater Rods		Based on Desired travel	2	N/A	
	mm diameter Fastener	SK8	Based on Desired travel		N/A	
	crew	M3	6mm	-	Servo Kit	Can be replaced by Horn Fastener
						can be replaced by norm rasteller
	crew	M4	14mm		Bolt Kit	
Servos W	/asher	M4	Washer	4	Bolt Kit	
JEI VUS VV	ut	M4	Nut	1	Bolt Kit	