

BILL OF MATERIALS

yueyao zhang

N				NAME	MATERIAL	WEIGHT(KG)	M/B	TECHNICAL DATA	QUANTITY
1				WEEDING ROBOT		1200		1508*1500*1338	1
	1.1			Chassis					1
		1.1,1		Frame Assem		21.6			1
			1.1.1.1	50x50 frame square steel 1450	6061 T4		M	50*50*1450	4
			1.1.1.2	50x50 frame square steel 650	6061 T4		M	50*50*650	5
			1.1.1.3	50x50 frame square steel 300	6061 T4		M	50*50*300	4
			1.1.1.4	steering motor hub	6061 T4		M		5
			1.1.1.5	Spring holder	6061 T4		M		1
			1.1.1.6	revolving bar holder	6061 T4		M		3
	1.2			Steering wheel moudle					4
		1.2.1		GEM In-wheel motor G2.6 & keizer-13-inch-rim-wheel			B		1
			1.2.1.1	GEM In-wheel motor G2.6		25	B	GEM	1
			1.2.1.2	keizer-13-inch-rim-wheel		15	B	Keizer	1
			1.2.1.3	steering motor & reducer					1
			1.2.1.3.1	JIE brushless DC motor		17	B	JIE	1
			1.2.1.3.2	JIE reducer		8	B	JIE	1
			1.2.1.4	wheel sport	6061 T4	1.7	M		1
			1.2.1.5	master pin	6061 T4		M		1
			1.2.1.6	steering panel	6061 T4		M		1
			1.2.1.7	Jaw coupling			B		1
			1.2.1.8	Bolt DIN912 M4x10			B	MISUMI	4
			1.2.1.9	GB_FASTENER_BOLT_ST BAB A M8X16-N			B	MISUMI	6
			1.2.1.10	GB_HEXAGON_TYPE2 M8X1-N			B	MISUMI	5
			1.2.1.11	GB_FASTENER_BOLT_ST BAB A M8X45-N			B	MISUMI	2
			1.2.1.12	axle cover	6061 T4		M	MISUMI	1
			1.2.1.13	Rolling bearings SKF 6308			B	SKF	2
	1.3			Assem battery		500			1
		1.3.1		battery holder	plastic		M		1
		1.3.2		48v 12Ah battery		6.5	B	EBL	76
	1.4			lifting system					1
		1.4.1		JIE brushless DC motor			B	JIE	1
		1.4.2		JIE reducer			B	JIE	1
		1.4.3		Jaw coupling			B		1
		1.4.4		rotating shaft	6061 T4		M		1
		1.4.5		bar	6061 T4		M		8
		1.4.6		GB_FASTENER_BOLT_ST BAB A M10X80-N			B	MISUMI	6
		1.4.7		GB_HEXAGON_TYPE2 M10X1-N			B	MISUMI	6
	1.5			Assem weeder		50			1
		1.5.1		weeder head assem					5
			1.5.1.1	NEMA GM86BLF 115B-430		3.8	B	NEMA	1
			1.5.1.2	reducer PLF90		2.6	B	NEMA	1
			1.5.1.3	weeder hold	AISI 1020		M		1
			1.5.1.4	weeding head 1	AISI 1020		M		1
			1.5.1.5	weeding head 2	AISI 1020		M		1
			1.5.1.6	weeding heed axel	AISI 1020		M		1
			1.5.1.7	GB_HEXAGON_TYPE2 M8X1-N			B	MISUMI	2
			1.5.1.8	Jaw coupling			B		1
			1.5.1.9	GB_CROSS_SCREWS_TYPE2 M4X5-5 H type-N			B	MISUMI	4
		1.5.2		GB_FASTENER_BOLT_ST BAB A M8X16-N			B	MISUMI	2
		1.5.3		hexagon head bolts-full thread gb			B	MISUMI	10
		1.5.4		Bolt DIN912 M4x10			B	MISUMI	10
		1.5.5		GB_HEXAGON_LOCK_TYPE5 M5-N			B	MISUMI	4

		1.5.6			u bar	AISI 1020		M		5
		1.5.7			L bar	AISI 1020		M		1
		1.5.8			Spring plate	AISI 1020		M		2
	1.6				damping spring			B		1
	1.7				Computer Case_01			B	AUSA	1
	1.8				Cover sheel	plastic	15.4	M		1
	1.9				BLACKMAGIC_VIDEO_ASSIST		2		DOW Cause	1
	1.10				fpv_cam_fsv1204			B	HIK	6
	1.11				Assem EMERGENCY PUSH BUTTON AND SWETSH			B	GONGNIU	1
	1.12				antenna assm					1
		1.12.1			qiazi	plastic		M		1
		1.12.2			20x20 frame square steel	6061 T4		M		1
		1.12.3			antenna cover	plastic		M		1
		1.12.4			antenna holder	plastic		M		1
	1.13				RTK/GPS					1
		1.13.1			GPS Total Station 4700			B	Trimble	1
		1.13.2			gps holder	plastic		M		1
	1.14				GB_HEXAGON_LOCK_TYPE5 M5-N			B	MISUMI	10
	1.15				GB_CROSS_SCREWS_TYPE2 M4X5-5 H type-N			B	MISUMI	20
	1.16				GB_FASTENER_BOLT_STBAB A M8X16-N			B	MISUMI	16
	1.17				GB_HEXAGON_TYPE2 M8X1-N			B	MISUMI	30
	1.18				GB_FASTENER_BOLT_HFBSS M8X35-N			B	MISUMI	8