

ITEM	Description	Manufacturer	Part Number	Details	Vendor	Qty per Cell	Used for:
1	STRUT PROFILE 90X90X45 M12/M12	Bosch Rexroth	3842992388	2350 mm	KJN	4	Cage
2	STRUT PROFILE 45X45L M12/M12	Bosch Rexroth	3842992427	729 mm	KJN	4	Cage
3	STRUT PROFILE 45X90L d17v/d17v	KJN	KJN992432	1910 mm	KJN	5	Cage
4	STRUT PROFILE 45X90L d17v/d17v	KJN	KJN992432	910 mm	KJN	6	Cage
5	STRUT PROFILE 45X90L d17v/d17v	KJN	KJN992432	410 mm	KJN	8	Cage
6	STRUT PROFILE 90X90 M12/ --	KJN	KJN992415	684 mm	KJN	1	Cage
7	STRUT PROFILE 45X45L	Bosch Rexroth	3842992425	45x45x800	KJN	4	Basket
9	STRUT PROFILE 45X45L	Bosch Rexroth	3842992425	45x45x193.5	KJN	2	Basket 2.0 - Front Legs
10	STRUT PROFILE 45X45L	Bosch Rexroth	3842992425	45x45x181.5	KJN	2	Basket 2.0 - Rear Legs
11	STRUT PROFILE 45X45L	Bosch Rexroth	3842992425	45x45x400	KJN	1	Basket 2.0 - Rear Camera Support
12	STRUT PROFILE 45X45L	Bosch Rexroth	3842992425	45x45x105	KJN	1	Basket 2.0 - Rear Camera Support
13	Gusset 180x180 Dynamic Load	Bosch Rexroth	3842555616		KJN	12	Cage
14	Mounting Kit for Gussets	Bosch Rexroth	3842548955		KJN	12	Cage
15	Bolt Connector Slot 10 D17x90	Bosch Rexroth	3842555588		KJN	30	Cage
16	Bracket 45x90 with Fittings	KJN	KJN523570		KJN	20	Cage
17	Bracket 45x45 with Fittings	KJN	KJN523561		KJN	10	Basket
18	Cubic Connector 45x45 3 way	KJN	KJN524480		KJN	8	4x Cage -- 4x Basket
19	M8x25 T-Bolt & Nut (10 in a pack)	KJN	KJN528718		KJN	4	Cage + Basket
20	S12x30 T50 Self Tapping Core Screw (10pk)	KJN	KJN530236		KJN	5	Cage + Basket
21	M8x25 CSK screws black	RS Pro	SSK-M8-25-A2		RS Components	8	Mounting Plate
22	M8x40 DIN912 screws	Accu Screws			Accu Screws	8	Wheels
23	S12x30 T50 Self Tapping Core Screw	Accu Screws			Accu Screws	8	Wheels
24	Screw for gripper	Accu Screws		M5x30	Accu Screws	2	Gripper
25	M8x20mm Cap Head Screws (DIN 912)	Accu Screws	SSCF-M8-20-A2		Accu Screws	7	Sawyer Mounting screws
26	M3x6mm cap head screws	Accu Screws	SSCF-M3-8-A4-BL		Accu Screws	9	Camera Mounts
27	M3x8mm cap head screws	Accu Screws	SSCF-M3-8-A4-BL		Accu Screws	4	Camera stand to base mounting
28	M3 Brass threaded inserts	RS	278-534		RS	12	Camera stand to base mounting
29	M8x25 T-Bolt & Nut	RS	KJN528718		Accu Screws	4	Camera stand to base mounting
30	M5x10 screws	Accu Screws			Accu Screws	4	Gripper
31	M2x12 screws	Accu Screws			Accu Screws	7	Gripper
32	M4x15 screws	Accu Screws			Accu Screws	2	Fingertips
33	Dowel	Accu Screws		M2x12	Accu Screws	4	Fingertips

		For 1 Cell with Base tiles		
ITEM	Description	Manufacturer	Qty	Notes
1	Base Tile	Timberfusion	2	Formica - Storm - F7912 Absolute Matte
2	Base Tile Corner	Timberfusion	1	Formica - Storm - F7912 Absolute Matte
3	Base Tile Corner and Notch Drawing	Timberfusion	1	Formica - Storm - F7912 Absolute Matte

ITEM	Description	Manufacturer	Part Number	Vendor	Qty
1	FTS300 + cable	Robotiq	FTS-300-KIT-001	Active Robots	1
2	RS485USB converter for gripper	Robotiq	ACC-ADT-USB-RS485	Active Robots	2
3	Gripper	Robotiq	Robotiq 2F85 Gripper	Active Robots	1
4	Fingertips	N/A	3D Model	N/A	2
5	adapter Sawyer-flange to FTS	Robotiq	FTS-300-CPL-064	Active Robots	1
6	adapter Sawyer Gripper coupling + cable	Robotiq	AGC-CPL-062-002	Active Robots	1
7	Sawyer Robot Cable, Pushpull RJ45, 2 Meter	Robotiq		Active Robots	1
8	Sawyer Robot E-Stop Incl. Cable	Active 8		Active Robots	1
9	Hybrid PWR/RJ45 Harting with one end straight connector, 2m	Active 8	70025	Active Robots	1
10	USB to RS485 adapter	Robotiq	ACC-ADT-USB-RS485 -	Active Robots	2
11	2m Cat 7 RJ45 Cable, Flat Gigabit Lan Network Patch Cord 10Gbps	Scan		Scan	2
12	3m Cat 7 RJ45 Cable, Flat Gigabit Lan Network Patch Cord 10Gbps	Scan		Scan	4
13	2m Power Cable, C13, IEC to C14,	RS	487-277	RS Components	4

ITEM	Description	Manufacturer	Part Number	Details	Qty
1	Leg Adaptor Plate	3D Hubs	CNC Machining	Alu 6061-T6	5
2	Sawyer Mounting Plate	3D Hubs	CNC Machining	Alu 7075	1

ITEM	Description	Manufacturer	Part Number	Details	Qty
1	Basket	cutlaser	cut	5mm Perspex Grey Frost - S2 9643	5
2	Feet	cutlaser	cut	6mm Ply	1

ITEM	Description	Part Number	Details	Qty per Cell
1	Sawyer Robot arm	59768		1
2	Sawyer Control Box			1
3	Blickle Caster with Stop	HRLK-ALTH 100K	887636	5
4	Basler Ace acA1920-40gc camera			3
5	LENS TS0814-MP F1.4 F8mm 1"			2
6	HellermannTyton Braided Black Cable Sleeve, 13mm Diameter,5m	802-6114		1
6	LENS TS1214-MP F1.4 F12.5mm 1"			1
7	Bosch Rexroth Cover Strip, PVC, 10mm Slot, Black, 20pcs x 1m	418-0863		1
8	Set of Allen Keys		Link	1
9	Spanner Set		Link	1
10	T45 torx driver		Link	1
11	PULS DIN Rail Power Supply, 24V dc Output Voltage	123-8020		1
12	Cisco 48 port Network Switch with UPOE	WS-C3850-12X48U		1