

Vendor Part #	SB Part #	Vendor of Record	Category Mechanical	QTY. REQ
	003651	Norva Plastics	HDPE BLUE 4x10x.5 (Compression Polymers)	0.2500
	003677	Norva Plastics	HDPE YELLOW 4x10x.5 (Compression Polymers)	0.08
003646	003646	Norva Plastics/Shopbot	Exoframe Side Right HDPE	1
003647	003647	Norva Plastics/Shopbot	Exoframe Side Left HDPE	1
003648	003648	Norva Plastics/Shopbot	Exoframe Front HDPE	1
003649	003649	Norva Plastics/Shopbot	Exoframe Mid HDPE	1
003650	003650	Norva Plastics/Shopbot	Exoframe Bottom HDPE	1
003674	003674	Norva Plastics/Shopbot	Baseplate	1
003652	003652	Norva Plastics/Shopbot	Handle Outboard HDPE	2
003676	003676	Norva Plastics/Shopbot	Exoframe Lid Partition HDPE	1
003675	003675	Norva Plastics/Shopbot	Exoframe Partition Rt HDPE	1
003671	003671	Norva Plastics/Shopbot	Exoframe Partition Lt HDPE	1
003670	003670	Norva Plastics/Shopbot	Exoframe Rear HDPE	1
003653	003653	Norva Plastics/Shopbot	Bracket Universal Mount	2
80664	003696	Century Spring	Spring Z Assit	1
	003710	Raleigh Rubber and Gasket	Neoprene 4x8x.0625" with Pressure sensitive adhesive applied	0.0556
003703	003703	Raleigh Rubber and Gasket/Shopbot	Pad Baseplate Neoprene	1
003865	003865	Norva Plastics/Shopbot	Baseplate Pointer	1
Linear Motion				
K57M4Y-05-019	003621	Haydon Kerk	Motor Actuator X 315mm	1
K57M4Y-05-020	003622	Haydon Kerk	Motor Actuator Y 270mm	1
K57M4Y-05-021	003623	Haydon Kerk	Motor Actuator Z 150mm	1
002876	002876	USA Dutch	Nut Block Upper	2
003655	003655	USA Dutch	Carrier Antibacklash nut Y Aluminum	1
003656	003656	USA Dutch	Rail Anti Backlash Nut Carrier Y HDPE	1
MSB 15 SS FCN	004001	Accu-Tech USA	Block	7
MSB 15 T235-27.5/27.5 N	004002	Accu-Tech USA	Rail Linear X 235mm	2
MSB 15 T360-30/30 N	004003	Accu-Tech USA	Rail Linear Y 350mm	2
MSB 15 U162-21/21 N	004004	Accu-Tech USA	Rail Linear Z 162mm	1
Carriage				
003311	003311	USA Dutch	Mount Spring DT Z	1
003657	003657	USA Dutch	Plate Carriage	1
003658	003658	USA Dutch	Plate Z	1
003659	003659	USA Dutch	Plate Motor Z	1
003660	003660	USA Dutch	Bracket Router	1
003661	003661	USA Dutch	Gusset Z Plate	1
Electronics				
003672	003672	USA Dutch	Enclosure Electronics	1
G250X	002780	Gecko Drive	MICRO STEP DRIVE G250X	3
926-1114-ND		Digikey	Thermal Pad .010" x 8" x 16"	0.14
	003118	DigiKey/Shopbot	Thermal Pad heatsink plate	1
	003786	GRT	Assy Interface Handibot	1
	003601	PSI	Card Controller V211	1
USBPNLBFBM1	003685	StarTech	Cable USB Panel Mount B to B - F/M 1 ft	1
USBPRT	002190	Dramen	CABLE USB A/B	1
COM-09336	003662	Spark Fun	Switch Stop	1
COM-09341	003663	Spark Fun	Switch Go	1
2099999	003711	Jameco	Cord Power	1

56P2967	003712	Newark	Filter Fan Media	1
1952708	003713	Jameco	Guard Fan	1
7378K225	003714	McMaster-Carr	Loom Wire	0.05
RP465-ND	000102	DigiKey	Cordgrip Power	1
DEV-11113	003697	Spark Fun	Board Arduino	1
001138	003698	AdaFruit	Lights Indicator LED	0.16
HRP-150-24	003664	Emco	Power Supply 24V 150W	1
PB1008-ND	003699	DigiKey	Relay 24V	1
WM2011-ND	003128	DigiKey	CONN HOUSING 2POS .100 W/RAMP	3
WM1114CT-ND	003129	DigiKey	CONN TERM FEMALE 22-30AWG TIN	6
CKN9956CT-ND	003013	DigiKey	SWITCH DETECT MICRO SPST SMD	3
WM4200-ND	003131	DigiKey	CONN HEADER 2POS .100 VERT TIN	3
473-1005-ND	003132	DigiKey	PCB COPPERCLAD 12X12 1/16" 1SIDE	0.02
003700	003700	ShopBot	Switch Proximity X	1
003701	003701	ShopBot	Switch Proximity Y	1
003702	003702	ShopBot	Switch Proximity Z	1
1091-1162-ND	003665	DigiKey	Switch Rocker	1
			Wire 18 AWG Black 20"	0.00167
			Wire 18 AWG White 30"	0.0025
410002-06	003694	Machine Control	Wire 18 AWG Blue 30"	0.0025
117039	003004	Machine Control	Cable 2Cx0.25 Br & W 78"	0.013
2003A	001664	Emco	Cable 3C BK R G 80 Deg. 300v 19"	0.0016
643559	000864	Jameco	Cable Ribbon 16C 6"	0.005
117050	003008	Machine Control	Cable DT MTR 4x0.34 31"	0.00258
489643	003795	Jameco	Quick Disconnect Terminal 18-22 AWG Female 19.81mm 8.02mm	4
489627	003796	Jameco	Quick Disconnect Terminal 18-22 AWG Female 21.84mm 9.65mm	6
749600	003505	Fastenal	22 AWG 0.31"/7.8mm Strip Power Phase[REG] Wht Nylon Insulated Ferrule End Sleeve	14
749603	003419	Fastenal	20 AWG 0.30"/7.5mm Strip Power Phase[REG] Gray Nylon Insulated Ferrule End Sleeve	1
WM2901-ND	003797	DigiKey	Conn Housing 3 Pos Female .100 W/LATCH	1
WM2513-ND	003798	DigiKey	Conn Term Female 24-30AWG GOLD	3
WM2534-ND	003799	DigiKey	Conn Housing 3 Pos Male .100	1
WM2563CT-ND	003800	DigiKey	Conn Pin Male 24-30AWG CRIMP 15GOLD	3
70078437	003801	ALLIED	Ferrule, Dual Wire; 18 AWG; 2; HH 2 x 1.0/15; Red; 0.43 in.; 0.61 in.; 0.32 in.	1
ASC16H-ND	001535	DigiKey	CONN IDC SOCKET 16POS	2
Hardware				
961746	003666	Fastenal	T-nut dropin	29
140679	003667	Fastenal	Bolt Connector 1/4-20 x30mm	29
140675	003802	Fastenal	Bolt Connector 1/4-20 x20mm	4
92492A128	003803	McMaster-Carr	MS PPH M3x20 Nylon Black	6
93369A116	003804	McMaster-Carr	Nut hex Nylon Black	6
1123201	001601	Fastenal	SHCS 1/4-20 x 1/2	4
145924	003805	Fastenal	Standoff 6-32 nylon	4
1139524	003053	Fastenal	SHCS M4x10	4
1139525	002910	Fastenal	SHCS M4x12	41
1139518	003806	Fastenal	SHCS M4x14	18
1139526	003396	Fastenal	SHCS M4x16	5
1139527	003054	Fastenal	SHCS M4x20	6
039536	003807	Fastenal	SHCS M4x80	4
1139529	003668	Fastenal	BHCS M4x30	2
1139545	003808	Fastenal	SHCS M5x12	1

040878	003810	Fastenal	BHCS M5x14	10
040879	003809	Fastenal	BHCS M5x16	30
1140147	003562	Fastenal	Nut hex nylock M4	12
1128795	003811	Fastenal	MS PPH 6-32 x 3/8	4
90259A218	003812	McMaster-Carr	Threaded insert M5	2
023024	002920	Fastenal	SHCS #2-56	6
1139584	003813	Fastenal	SHCS M8-1.25x10	1
Dust Collector				
003746	003746	Norva Plastics/Shopbot	Channel Dust Collector Front	1
003747	003747	Norva Plastics/Shopbot	Channel Dust Collector Rear	1
24111102	003814	Sabic	Acrylic 4'x8'x0.118" Duraplex 70%	0.0357
003748	003748	Sabic/Shopbot	Cover Plate Dust Collector	1
21014102	003815	Sabic	Acrylic 4'x8'x0.060" Optix	0.003
003749	003749	Sabic/Shopbot	Cover Plate LED	1
8486K331	003751	McMaster-Carr	Tube Dust Collector 5"	0.083
FXC80IH10BL	002972	Sealeze	Brush Bulk	0.2
003754	003754	Sealeze/USA Dutch	Brush Dust Collector Front	1
003755	003755	Sealeze/USA Dutch	Brush Dust Collector Rear	1
DWP611	12012	Black & Decker	DEWALT 1.25HP ROUTER	1
PLA0101178263	003010	Sabic	Acrylic Clear 0.177x51x100 50%	0.037
003753	003753	Sabic/Shopbot	Deflector Front	1
37-61	13732	LMT Onsrud	Bit 1/2" 90 degree V bit	1
52-287	10477	LMT Onsrud	Bit 1/4" 2 Flute Upcut	1
61-040	13728	LMT Onsrud	Bit 1/8" Single Flute	1
	11160	Vectric	Software V Carve pro, Cut 3D	1
011161	11161	ShopBot	Software Control Software License	1
	003735	Rand Whitney	Box Shipping Handibot	1