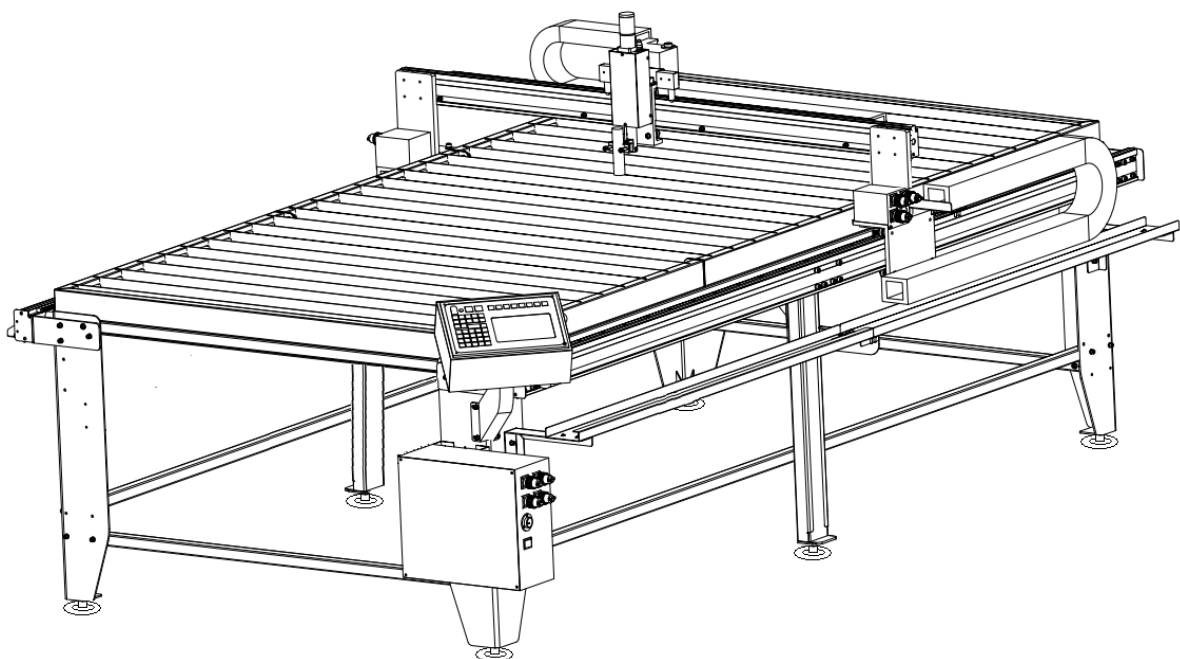




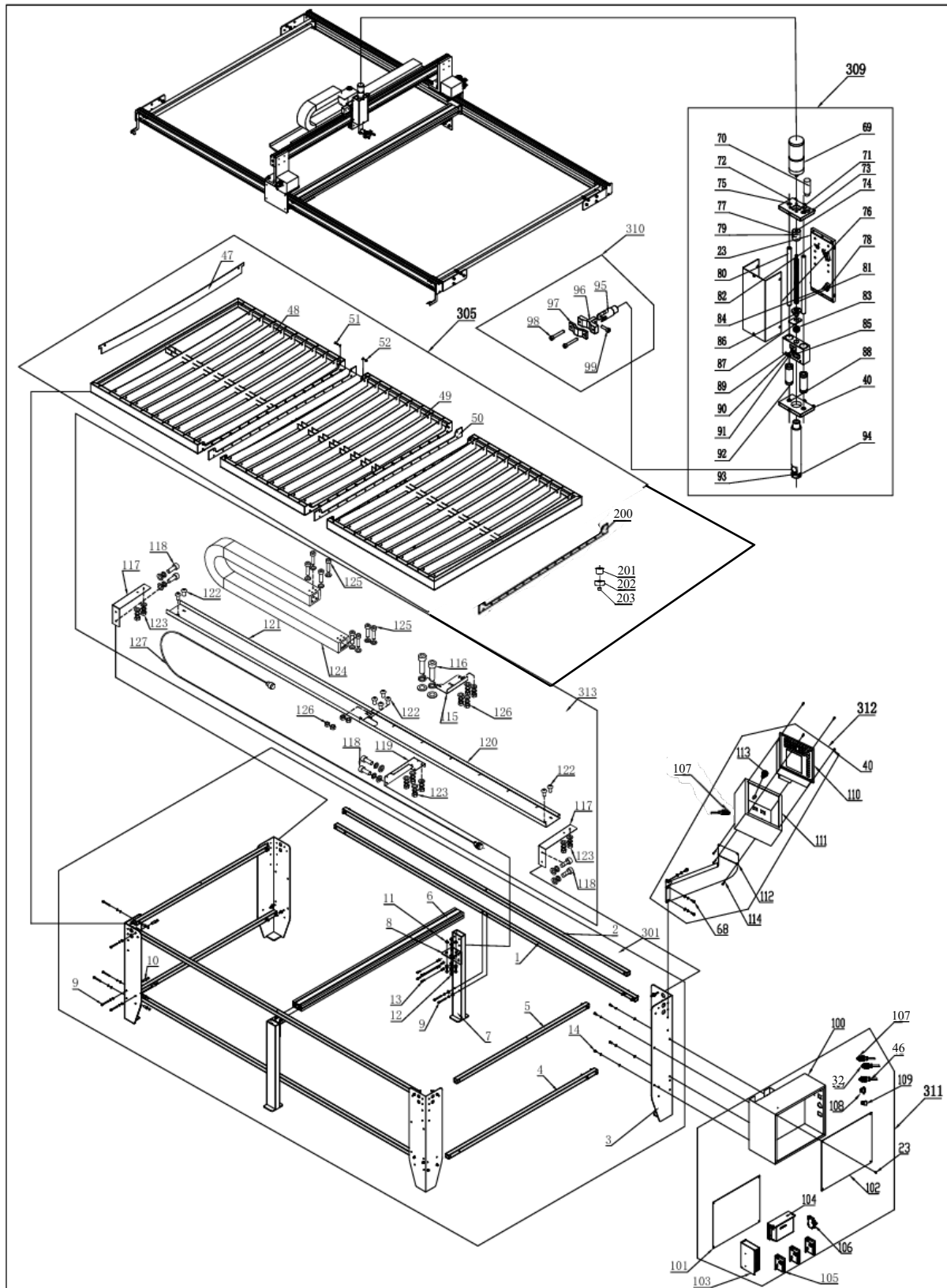
HC-9600

4'x8' CNC Plasma Table

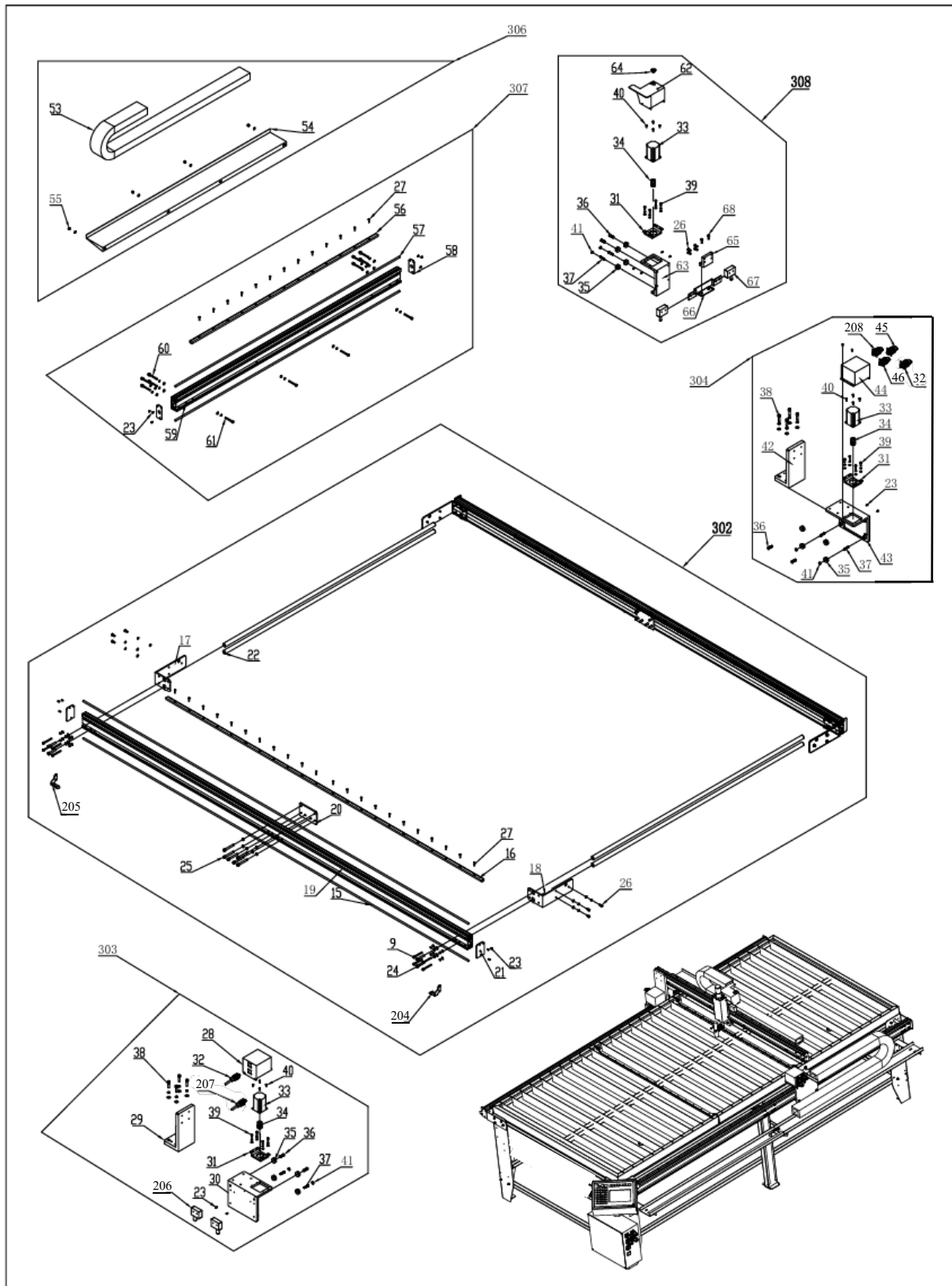
Exploded View and Parts List



4'x8' CNC Plasma Table: Exploded View of Plasma Cutting Table



4'x8' CNC Plasma Table: Exploded View of Plasma Cutting Table



Part #	Name	Quantity	Details (<i>D = Diameter</i>)
301	Cutting Table Frame Assembly	1	
1	Y-Axis Lower Frame Square Tube	2	2730*30*30mm [1.45mm]
2	Y-Axis Upper Frame Square Tube	2	2580*30*30mm [1.45mm]
3	Corner Standing Leg	4	748*150*150mm [3.7mm]
4	X-Axis Lower Frame Square Tube	2	1350*30*30mm [1.45mm]
5	X-Axis Upper Frame Square Tube	2	1200*30*30mm [1.45mm]
6	Central Support Rail	1	1465*80*42mm
7	Central Standing Leg	2	663*87*36mm [4.2mm]
8	Central Support Rail Anchor	2	150*150*80mm [4.12mm]
9	Allen Bolt with Spring and Flat Washer	28	M6x45
10	Bolt Sleeve	24	
11	'Ladder' Nut	8	
12	Allen Bolt with Flat Washer	8	M8x16
13	Allen Bolt with Flat Washer	8	M6x20
14	Allen Bolt with Flat Washer	4	M5x16
302	Gantry Frame Assembly	1	
15	Y-Axis Optical Axis 2730	4	2728*8mmD
16	Y-Axis Rack 2240	2	2520*16.4*10.1mm
17	Y-Axis Gantry Rail Bracket 1	2	210*105*70mm
18	Y-Axis Gantry Rail Bracket 2	2	210*105*70mm
19	Y-Axis Gantry Rail	2	2728*80*37mm
20	Transition Plate	2	
21	Y-Axis Gantry Rail End Cap	4	
22	Connecting Rod	4	1549*20mmD
23	Allen Screw	12	M4x8
24	Allen Bolt with Spring Washer	8	M8x45
25	Allen Bolt with Spring Washer	12	M8x60
26	Allen Bolt with Spring and Flat Washer	12	M6x12
27	Hex Socket Screw with Cylindrical Head	40	M4x16
9	Allen Bolt with Spring and Flat Washer	16	M6x45
204	Front Y-Axis Limit Bracket	1	
205	Rear Y-Axis Limit Bracket	1	
303	Gantry Left X-Axis End Assembly	1	
28	Left X-Axis Motor Guard	1	
29	Left Side X-Axis Support Plate	1	114*103*230mm [16.2mm]
30	Left X-Axis End Assembly Base	1	200*116*155mm [8.7mm]
31	Motor Mounting Plate	1	1500X-01-017
32	Plug and Socket	1	7P

Part #	Name	Quantity	Details
33	X- and Y-Axis Machine	1	
34	Drive Gear	1	WXQ-1-14
35	V-Shaped Roller Bearing	4	
36	Allen Bolt	2	M8x25
37	Eccentric Stud	2	M8-M6
38	Allen Bolt with Spring and Flat Washer	4	M8x30
39	Allen Bolt with Spring and Flat Washer	4	M5x16
40	Hex Socket Screw with Cylindrical Head	4	M4x10
41	Small Extra-Flat Hex Nut	2	M8x1
23	Allen Screw	4	M4x8
206	Limit Switch	2	TZ-8108
207	Plug and Socket	1	5P
304	Gantry Right X-Axis End Assembly	1	
42	Right Side X-Axis Support Plate	1	114*103*230mm [16.2mm]
43	Right X-Axis End Assembly Base	1	200*116*155mm [9.3mm]
44	Right X-Axis Motor Guard	1	
45	Plug and Socket	1	7P
46	Plug and Socket	1	24P
23	Allen Screw	4	M4x8
31	Motor Mounting Plate	1	1500X-01-017
32	Plug and Socket	1	7P
33	X- and Y-Axis Machine	1	
34	Drive Gear	1	WXQ-1-14
35	V-Shaped Roller Bearing	4	
36	Allen Bolt	2	M8x25
37	Eccentric Stud	2	M8-M6
38	Allen Bolt with Spring and Flat Washer	4	M8x30
39	Allen Bolt with Spring and Flat Washer	4	M5x16
40	Hex Socket Screw with Cylindrical Head	4	M4x10
41	Small Extra-Flat Hex Nut	2	M8x1
208	Plug and Socket	1	10P
305	Water Table	1	
47	Slat	28	1314*70mm [2.78mm]
48	Water Table Outer Section	2	1338*973*71mm [1.3mm]
49	Water Table Central Section	1	1338*766*71mm [1.3mm]
50	Silicone Seal	2	1338*71mm [3.1mm]
51	Hex Bolt with Flat Washer	36	M6x16
52	Hex Nut with Flat Washer	36	M6
201	Sealing Plate	4	1275*71mm [2.5mm]
202	Drain	3	(Mat: Copper)

Part #	Name	Quantity	Details (<i>D = Diameter</i>)
203	1-Inch Nut	3	1" inner diameter
204	Drain Plug	3	
306	X-Axis Drag Chain Assembly	1	
53	X-Axis Drag Chain	1	1432*80.6*44.6mm [7.7mm]
54	X-Axis Tray	1	1300*120mm [2.3mm]
55	Allen Bolt	4	M6
307	X-Axis Gantry Assembly	1	
56	X-Axis Rack 1320	1	1318*16.4*10.1mm
57	X-Axis Optical Axis 1590	2	1589*8mmD
58	X-Axis Gantry Rail End Cap	2	
59	X-Axis Gantry Rail	1	1590*38*82mm
60	Allen Bolt with Spring and Flat Washer	8	M6x55
61	Allen Bolt with Spring and Flat Washer	4	M6x50
23	Allen Screw	6	M4x8
27	Hex Socket Screw with Cylindrical Head	13	M4x16
308	X-Axis Gantry Carriage	1	
62	THC Mount Motor Guard	1	1500X-01-022
63	THC Mount Support Plate	1	1500X-01-049
64	Five-Hole Socket	1	
65	THC Mounting Plate	1	MS-01-25
66	X-Axis Limit Mounting Seat	1	115*94*157mm [10.3mm]
67	Limit Switch	2	CZ-7311
68	Hex Socket Screw with Cylindrical Head	2	M6x16
26	Allen Bolt	4	M6x12
31	Motor Mounting Plate	1	1500X-01-017
33	X- and Y-Axis Machine	1	
34	Drive Gear	1	WXQ-1-14
35	V-Shaped Roller Bearing	4	
36	Allen Bolt	2	M8x25
37	Eccentric Stud	2	M8-M6
39	Allen Bolt with Spring and Flat Washer	4	M5x16
40	Hex Socket Screw with Cylindrical Head	4	M4x10
41	Small Extra-Flat Hex Nut	2	M8x1
309	THC Assembly	1	
69	Gear Motor	1	ZGX38REE
70	Aviation Plug	1	XS12K4P
71	Hex Socket Screw with Cylindrical Head	4	M3x10 (70.1)
72	THC Motor Mounting Plate	1	4400-9D-10 (Mat: 6061)
73	Allen Bolt	1	M4x8 (70.2)
74	Coupling	1	CPSR25-6-8
75	304 Hex Socket Countersunk Head Screws	4	M5x14 (70.3)

Part #	Name	Quantity	Details
76	THC Shield	1	4400-8D-2 (Mat: SPCC)
77	Hexagon Flat-End Setting Screw	2	M4x6 (77)
78	Subminiature Basic Switch	3	SS-5GL-F
79	Hex Socket Screw with Cylindrical Head	2	M3x8 (70.1)
80	Guide Shaft	2	4400-8D-5 (Mat: 40Cr)
81	Lifting Lever	1	2200-8D-6 (Mat: 40Cr)
82	THC Floor	1	4400-8D-1 (Mat: 6061)
83	Spring	1	14-1-7
84	Cross-Recessed Pan-Head Screws	6	M2x10 (818)
85	Plain Washer	2	C Level-4 (95)
86	Lifting Screw Nut	1	2200-8D-7 (Mat: Aluminum Bronze)
87	Baffle Plate	1	2200-8D-12 (Mat: SUS304)
88	THC Flange Plate	1	4400-8D-11 (Mat: 6061)
89	Cone-End Allen Set Screw	2	M4x4 (78)
90	Guide Seat	1	2200-8D-3 (Mat: 6061)
91	Cross-Recessed Pan-Head Screws	2	M4x6 (818)
92	Linear Bearing	2	LM10LUU
93	Hex Socket Screw with Cylindrical Head	1	M6x20 (70.1)
94	Lifter	1	2200-8D-6 (Mat: 6061)
23	Allen Screw	6	M4x8
40	Allen Bolt	5	M4x10
310	Plasma Torch Mount	1	
95	Torch Mount Base	1	2200-8D-4-3 (Mat: 6061)
96	Torch Mount Inner Clamp	1	2200-8D-4-2 (Mat: 6061)
97	Torch Mount Outer Clamp	1	2200-8D-4-1 (Mat: 6061)
98	Hex Socket Screw with Cylindrical Head	2	M6x40 (70.1)
99	Hex Socket Screw with Cylindrical Head	1	M6x20 (70.1)
311	Control Box	1	
100	Control Box Housing	1	364*312*151mm
101	Control Box Base Plate	1	364*312
102	Control Box Cover	1	364*312
103	Switching Power Supply	1	
104	THC Module	1	
105	Motor Driver	3	
106	Fuse	1	
107	Plug and Socket	1	19P
108	Three-Hole Socket	1	
109	Toggle Switch	1	
23	Allen Screw	4	M4x8
32	Plug and Socket	1	7P
46	Plug and Socket	1	24P

Part #	Name	Quantity	Details
312	Operator Station Assembly	1	
110	Operator Station Control Panel	1	
111	Operator Station Housing	1	315*215*110mm
112	Control Panel Mount Arm	1	
113	Scram Switch	1	
114	Hex Socket Screw with Cylindrical Head	4	M4x16
40	Hex Socket Screw with Cylindrical Head	4	M4x10
68	Hex Socket Screw with Cylindrical Head	8	M6x16
107	Plug and Socket	1	19P
313	Y-Axis Drag Chain Assembly	1	
115	Drag Chains Mounting Plate	1	
116	Allen Bolt with Spring and Flat Washer	2	M8x30
117	Y-Axis Tray Outer Support	2	
118	Allen Bolt with Spring and Flat Washer	4	M6x16
119	Y-Axis Tray Central Support	1	
120	Y-Axis Forward Tray	1	1300*108mm [1.82mm]
121	Y-Axis Rear Tray	1	1350*108mm [1.82mm]
122	Hexagon Socket Button Head Screw	8	M5x10
123	Hex Nut with Spring and Flat Washer	8	M5
124	Y-Axis Drag Chain	1	2000*80.4*65.6mm [10mm], 45x50R100L1900
125	Allen Bolt with Flat Washer	8	M5x20
126	Hex Nut with Spring and Flat Washer	8	M5
127	Control Cable with Plug	1	4020mm Cable