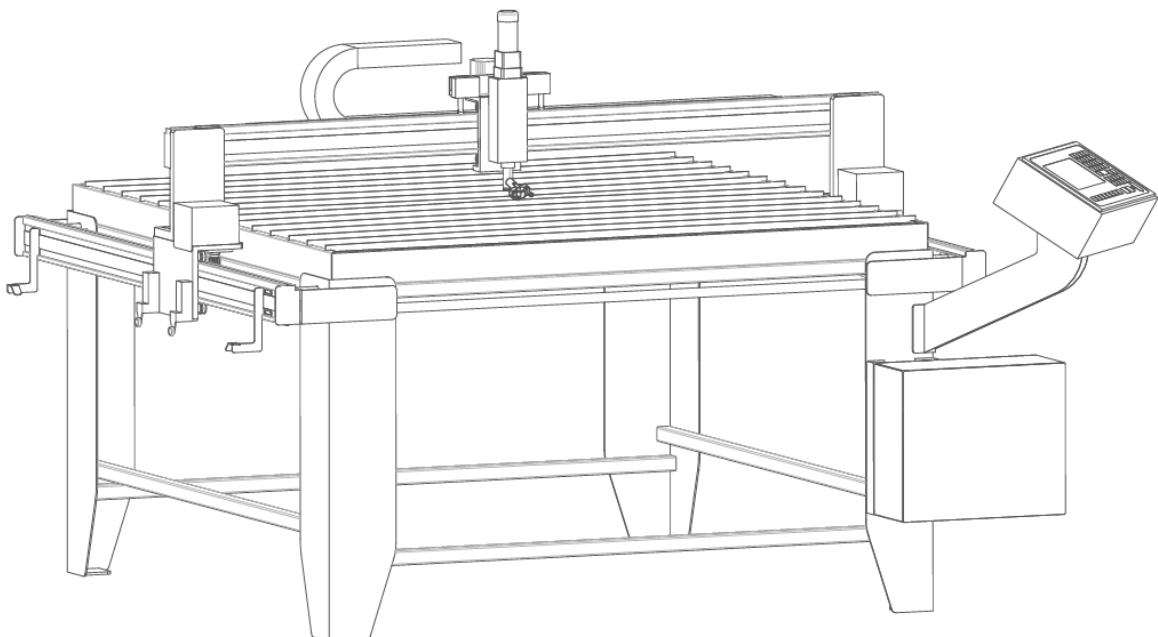




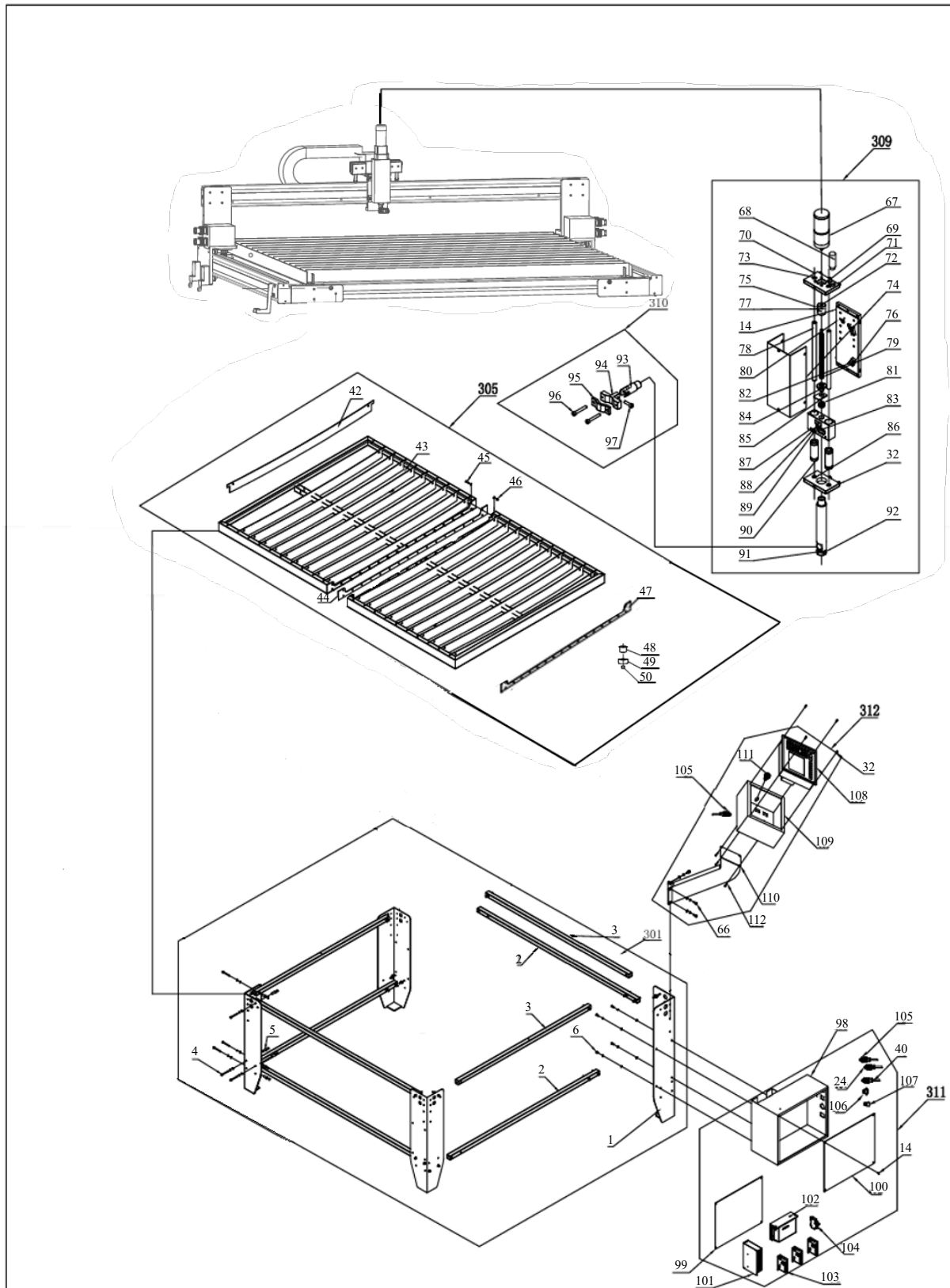
HC-4800

4'x4' CNC Plasma Table

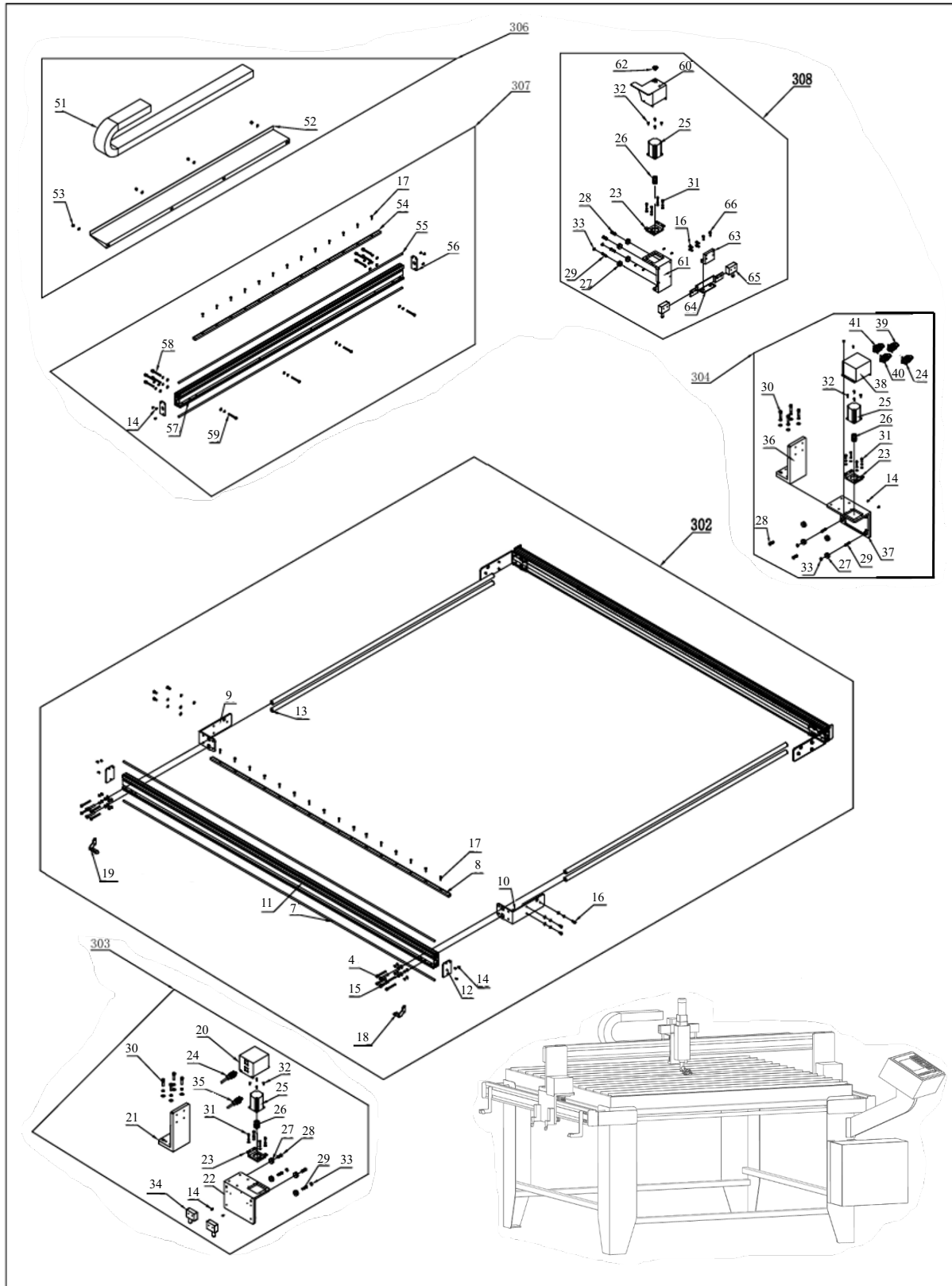
Exploded View and Parts List



4'x4' CNC Plasma Table: Exploded View of Plasma Cutting Table



4'x4' CNC Plasma Table: Exploded View of Plasma Cutting Table



Part #	Name	Quantity	Details (<i>D = Diameter</i>)
301	Cutting Table Frame Assembly	1	
1	Standing Leg	4	748*150*150mm (Mat: A3) [3.7mm]
2	Lower Frame Square Tube	4	1350*30*30mm (Mat: A3) [1.45mm]
3	Upper Frame Square Tube	4	1200*30*30mm (Mat: A3) [1.45mm]
4	Allen Bolt with Spring and Flat Washer	24	M6x45
5	Bolt Sleeve	24	
6	Allen Bolt with Flat Washer	4	M5x16
302	Gantry Frame Assembly	1	
7	Y-Axis Optical Axis	4	1350*8mmD
8	Y-Axis Rack	2	1123*16.4*10.1mm, WXQ-8-2
9	Y-Axis Gantry Rail Bracket 1	2	210*105*70mm (Mat: A3) [4.75mm]
10	Y-Axis Gantry Rail Bracket 2	2	210*105*70mm (Mat: A3) [4.75mm]
11	Y-Axis Gantry Rail	2	1350*80*37mm (Mat: Profile) [2.35mm]
12	Y-Axis Gantry Rail End Cap	4	(Mat: A3)
13	Connecting Rod	4	1549*20mmD (Mat: LF6)
14	Allen Screw	12	M4x8
15	Allen Bolt with Spring Washer	8	M8x45
16	Allen Bolt with Spring and Flat Washer	12	M6x12
17	Hex Socket Screw with Cylindrical Head	22	M4x16
18	Front Y-Axis Limit Bracket	1	
19	Rear Y-Axis Limit Bracket	1	
4	Allen Bolt with Spring and Flat Washer	16	M6x45
303	Gantry Left X-Axis End Assembly	1	
20	Left X-Axis Motor Guard	1	(Mat: A3)
21	Left Side X-Axis Support Plate	1	114*103*230mm (Mat: LF6) [16.2mm]
22	Left X-Axis End Assembly Base	1	200*116*155mm (Mat: LF6) [8.7mm]
23	Motor Mounting Plate	1	1500X-01-017
24	Plug and Socket	1	7P
25	X- and Y-Axis Machine	1	57 Stepper Motor
26	Drive Gear	1	WXQ-1-14
27	V-Shaped Roller Bearing	4	
28	Allen Bolt	2	M8x25
29	Eccentric Stud	2	M8-M6
30	Allen Bolt with Spring and Flat Washer	4	M8x30
31	Allen Bolt with Spring and Flat Washer	4	M5x16
32	Hex Socket Screw with Cylindrical Head	4	M4x10
33	Small Extra-Flat Hex Nut	2	M8x1
34	Limit Switch	2	TZ-8108

Part #	Name	Quantity	Details (<i>D = Diameter</i>)
35	Plug and Socket	1	5P
14	Allen Screw	4	M4x8
304	Gantry Right X-Axis End Assembly	1	
36	Right Side X-Axis Support Plate	1	114*103*230mm (Mat: LF6) [16.2mm]
37	Right X-Axis End Assembly Base	1	200*116*155mm (Mat: LF6) [8.7mm]
38	Right X-Axis Motor Guard	1	(Mat: A3)
39	Plug and Socket	1	7P
40	Plug and Socket	1	24P
41	Plug and Socket	1	10P
14	Allen Screw	4	M4x8
23	Motor Mounting Plate	1	1500X-01-017
24	Plug and Socket	1	7P
25	X- and Y-Axis Machine	1	57 Stepper Motor
26	Drive Gear	1	WXQ-1-14
27	V-Shaped Roller Bearing	4	
28	Allen Bolt	2	M8x25
29	Eccentric Stud	2	M8-M6
30	Allen Bolt with Spring and Flat Washer	4	M8x30
31	Allen Bolt with Spring and Flat Washer	4	M5x16
32	Hex Socket Screw with Cylindrical Head	4	M4x10
33	Small Extra-Flat Hex Nut	2	M8x1
305	Water Table	1	
42	Slat	28	1314*70mm (Galv. Sheet) [2.78mm]
43	Water Table	2	1338*670*71mm (Mat: SUS304) [1.25mm]
44	Silicone Seal	1	1338*71mm [3.1mm] S-01-008
45	Hex Bolt with Flat Washer	18	M6x16
46	Hex Nut with Flat Washer	18	M6
47	Sealing Plate	2	1275*71mm (Mat: SUS304) [2.5mm]
48	Drain	3	(Mat: Copper)
49	1-Inch Nut	3	1" inner diameter
50	Drain Plug	3	
306	X-Axis Drag Chain Assembly	1	
51	X-Axis Drag Chain	1	1432*80.6*44.6mm [7.7mm]
52	X-Axis Tray	1	1300*120mm (Mat: A3) [2.3mm]
53	Allen Bolt	4	M6
307	X-Axis Gantry Assembly	1	
54	X-Axis Rack 1320	1	1327*16.4*10.1mm, WXQ-8-8
55	X-Axis Optical Axis 1590	2	1589*8mmD
56	X-Axis Gantry Rail End Cap	2	(Mat: A3)
57	X-Axis Gantry Rail	1	1589*82*38mm (Mat: Profile)

Part #	Name	Quantity	Details
58	Allen Bolt with Spring and Flat Washer	8	M6x55
59	Allen Bolt with Spring and Flat Washer	4	M6x50
14	Allen Screw	6	M4x8
17	Hex Socket Screw with Cylindrical Head	12	M4x16
308	X-Axis Gantry Carriage	1	
60	THC Mount Motor Guard	1	1500X-01-022 (Mat: A3)
61	THC Mount Support Plate	1	37*92*159mm (Mat: ZL101) [10.4mm], 1500X-01-049
62	Five-Hole Socket	1	5P
63	THC Mounting Plate	1	1500X-01-034 (Mat: LF6)
64	X-Axis Limit Mounting Seat	1	TS-01-067
65	Limit Switch	2	CZ-7311
66	Hex Socket Screw with Cylindrical Head	2	M6x16
16	Allen Bolt	4	M6x12
23	Motor Mounting Plate	1	1500X-01-017
25	X- and Y-Axis Machine	1	57 Stepper Motor
26	Drive Gear	1	WXQ-1-14
27	V-Shaped Roller Bearing	4	
28	Allen Bolt	2	M8x25
29	Eccentric Stud	2	M8-M6
31	Allen Bolt with Spring and Flat Washer	4	M5x16
32	Hex Socket Screw with Cylindrical Head	4	M4x10
33	Small Extra-Flat Hex Nut	2	M8x1
309	THC Assembly	1	WXQ-8-4
67	Gear Motor	1	ZGX38REE
68	Aviation Plug	1	XS12K4P
69	Hex Socket Screw with Cylindrical Head	4	M3x10 (70.1)
70	THC Motor Mounting Plate	1	4400-9D-10 (Mat: 6061)
71	Allen Bolt	1	M4x8 (70.2)
72	Coupling	1	CPSR25-6-8
73	304 Hex Socket Countersunk Head Screws	4	M5x14 (70.3)
74	THC Shield	1	4400-8D-2 (Mat: SPCC)
75	Hexagon Flat-End Setting Screw	2	M4x6 (77)
76	Subminiature Basic Switch	3	SS-5GL-F
77	Hex Socket Screw with Cylindrical Head	2	M3x8 (70.1)
78	Guide Shaft	2	4400-8D-5 (Mat: 40Cr)
79	Lifting Lever	1	2200-8D-6 (Mat: 40Cr)
80	THC Floor	1	4400-8D-1 (Mat: 6061)
81	Spring	1	14-1-7
82	Cross-Recessed Pan-Head Screws	6	M2x10 (818)
83	Plain Washer	2	C Level-4 (95)
84	Lifting Screw Nut	1	2200-8D-7 (Mat: Aluminum Bronze)

Part #	Name	Quantity	Details
85	Baffle Plate	1	2200-8D-12 (Mat: SUS304)
86	THC Flange Plate	1	4400-8D-11 (Mat: 6061)
87	Cone-End Allen Set Screw	2	M4x4 (78)
88	Guide Seat	1	2200-8D-3 (Mat: 6061)
89	Cross-Recessed Pan-Head Screws	2	M4x6 (818)
90	Linear Bearing	2	LM10LUU
91	Hex Socket Screw with Cylindrical Head	1	M6x20 (70.1)
92	Lifter	1	2200-8D-6 (Mat: 6061)
14	Allen Screw	6	M4x8
32	Allen Bolt	5	M4x10
310	Plasma Torch Mount	1	WXQ-8-9
93	Torch Mount Base	1	2200-8D-4-3 (Mat: 6061)
94	Torch Mount Inner Clamp	1	2200-8D-4-2 (Mat: 6061)
95	Torch Mount Outer Clamp	1	2200-8D-4-1 (Mat: 6061)
96	Hex Socket Screw with Cylindrical Head	2	M6x40 (70.1)
97	Hex Socket Screw with Cylindrical Head	1	M6x20 (70.1)
311	Control Box	1	
98	Control Box Housing	1	364*313*151mm (Mat: A3)
99	Control Box Base Plate	1	364*313mm (Mat: A3)
100	Control Box Cover	1	364*313mm (Mat: A3)
101	Switching Power Supply	1	
102	THC Module	1	
103	Motor Driver	3	
104	Fuse	1	
105	Plug and Socket	1	19P
106	Three-Hole Socket	1	
107	Toggle Switch	1	
14	Allen Screw	4	M4x8
24	Plug and Socket	1	7P
40	Plug and Socket	1	24P
312	Operator Station Assembly	1	
108	Operator Station Control Panel	1	
109	Operator Station Housing	1	314*222*110mm (Mat: A3)
110	Control Panel Mount Arm	1	(Mat: A3)
111	Scram Switch	1	
112	Hex Socket Screw with Cylindrical Head	4	M4x16
32	Hex Socket Screw with Cylindrical Head	4	M4x10
66	Hex Socket Screw with Cylindrical Head	8	M6x16
105	Plug and Socket	1	19P