

GORILLA SPORTS

Multifunction Smith (101028)

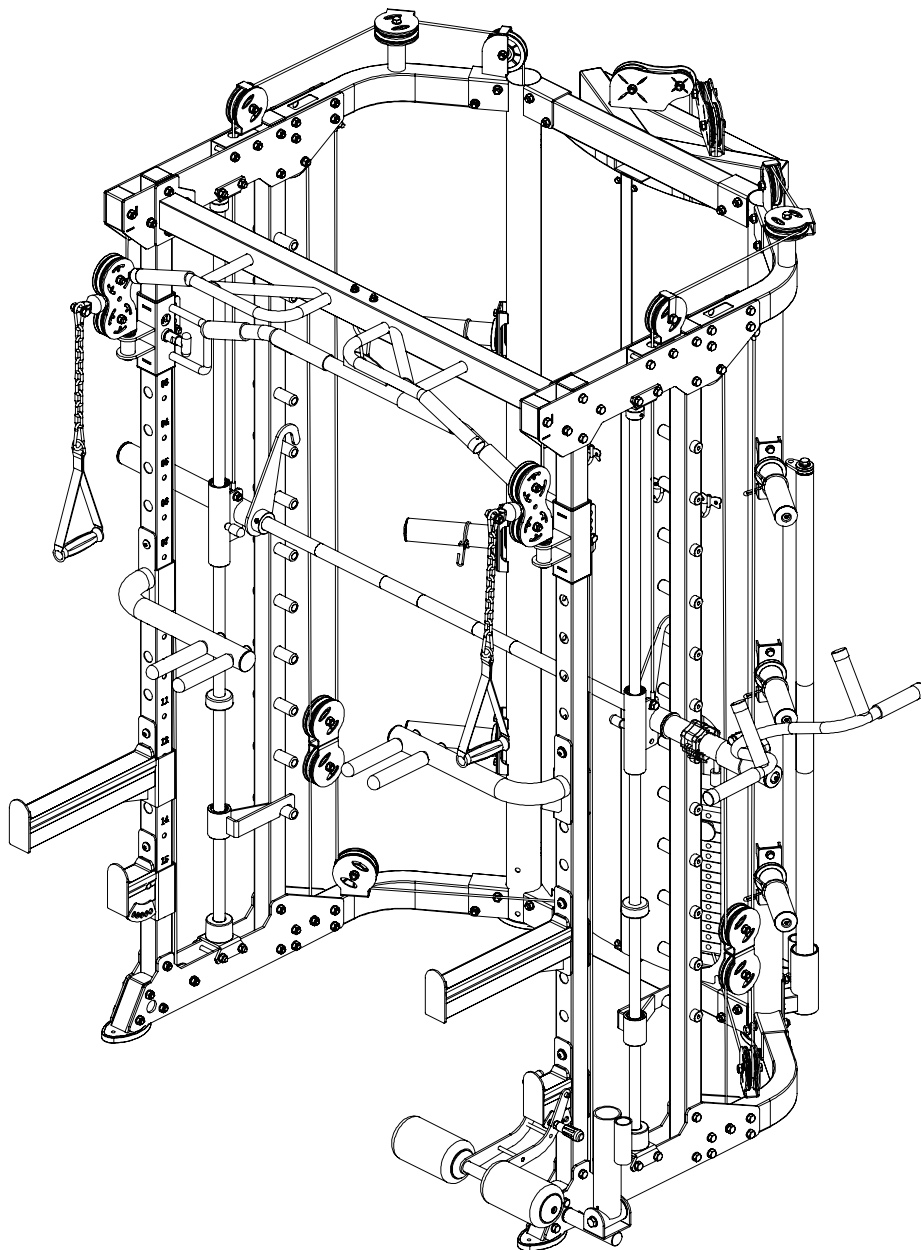


Table of Contents



Spare part list	3
Spare part list	4
Spare part list	5
Assembly (1)	6-7
Assembly (2)	8-10
Assembly (3)	11-12
Assembly (4)	13-14
Assembly (5)	15-16
Assembly (6)	17-18
Assembly (7)	19-20
Assembly (8)	21-22
Assembly (9)	23-24
Assembly (10)	25-26

Spare parts list



GORILLA SPORTS

PROFESSIONAL GYM EQUIPMENT FOR EVERYONE

No.	Description	Note	Qty.
1	connection tube		1
2	upright frame left		1
3	upright frame right		1
4	bending tube left		1
5	bending tube right		1
6	upper connection tube		1
7	upper bending tube right		1
8	upper bending tube left		1
9	hexagon bolt	M10x75	54
10	lock nut	M10	100
11	washer	Φ10	210
11	washer	Φ10	1
12	chin up bar		4
13	upper plate		1
14	pulley frame tube right		1
15	pulley frame tube left		2
16	upright tube		1
17	tube with hole right		1
18	tube with hole left		4
19	lower plate		1
20	sliding tube right		1
21	sliding tube left		2
22	foot tube cover		2
23	end tube		14
24	hexagon bolt	M10x80	2

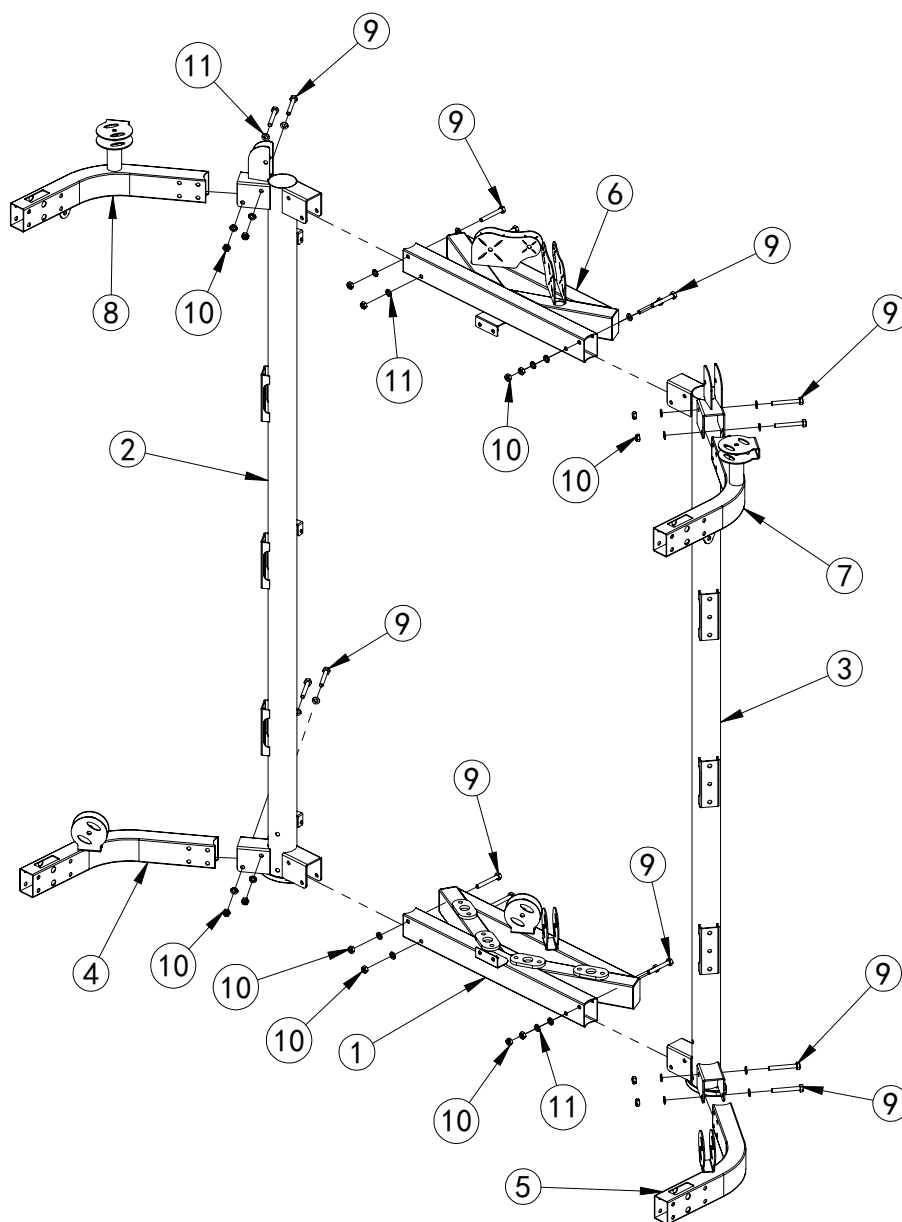
Spare parts list

26	upper base		2
27	guide rod	Φ25x1850	2
28	lock sleeve		2
29	sliding sleeve		2
30	rubber pad with groove	Φ60xΦ26x45	2
31	safety hook right		1
32	safety hook left		1
33	hexagon bolt	M10x90	8
34	socket set screw	M8x10	2
35	end cap		2
36	check ring		2
37	pipe	Φ	2
38	button head socket screw	M12x40	2
39	spring washer	Φ12	2
40	washer	Φ12	2
41	barbell rod		1
42	inner pipe	Φ	2
43	rubber pad	Φ60xΦ26x25	2
44	rubber pad	Φ60xΦ26x42	4
45	guide rod hollow	Φ25x1955	4
46	reinforcing plate		4
47	weight stack		2
48	hexagon bolt	M10x20	8
49	wire	Φ5x2745mm	2
50	pulley	Φ95	20
51	pulley plate		4
52	hexagon bolt	M10x45	14
53	hexagon bolt	M10x50	4
54	hexagon bolt	M10x25	7
55	weight		2
56	wire	Φ5x4095mm	2
57	"-“ shape pulley frame		2
58	pulley spacer sleeve	Φ	16
59	pulley	Φ50	6
60	wire		2

Spare parts list

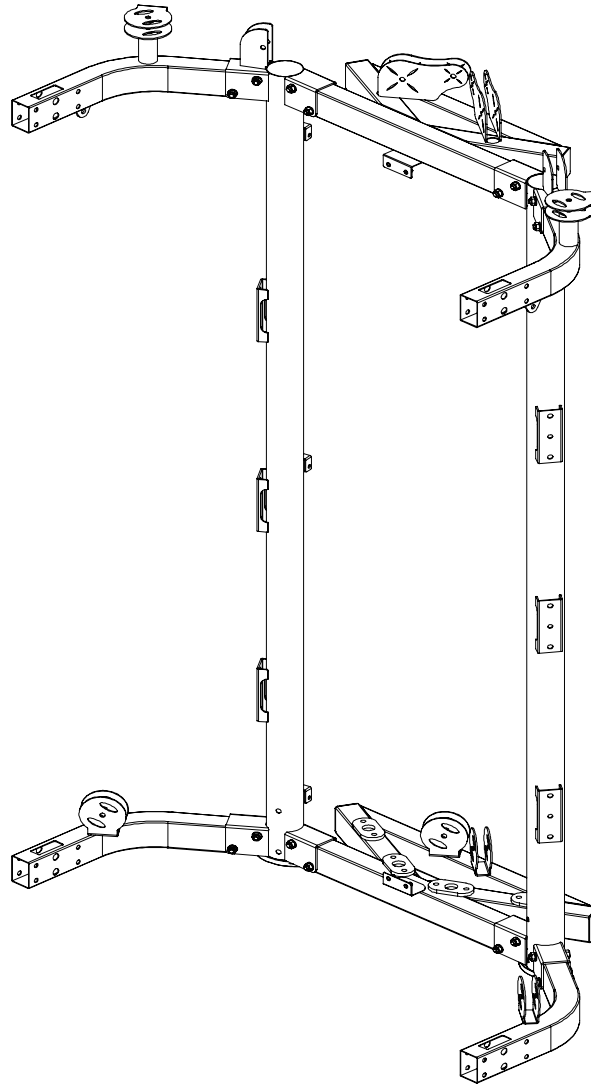
61	barbell plate holder		6
62	connection strap		1
63	shield left		1
64	shield right		1
65	hexagon bolt	M6x16	10
66	washer	Φ6	10
67	hook		4
68	"+"slotted countersunk head bolt	M4x12	8
69	lock nut	M4	8
70	hexagon bolt	M8x20	12
71	washer	Φ8	12
72	core trainer		1
73	powder metallurgy sleeve		2
74	barbell rod cup		1
75	big washer	Φ25x10x2.0	1
76	hexagon bolt	M10x95	2
77	dip bar left		1
78	dip bar right		1
79	barbell rod holder right		1
80	barbell rod holder left		1
81	barbell rod holder short left		1
82	barbell rod holder short right		1
83	long bar		1
84	ship rod		1
85	hand belt		2
86	pull lift device		1
87	T shape pin	Φ10x100	1
88	leg curl tube		1
89	barbell clamp collar		2
90	selector rod		2
91	weight pin		2

Assembly step (1) explosion drawing



No.	Description	Note	Qty.
1	connection tube		1
2	upright frame left		1
3	upright frame right		1
4	bending tube left		1
5	bending tube right		1
6	upper connection tube		1
7	upper bending tube right		1
8	upper bending tube left		1
9	hexagon bolt	M10x75	16
10	lock nut	M10	16
11	washer	Φ10	32

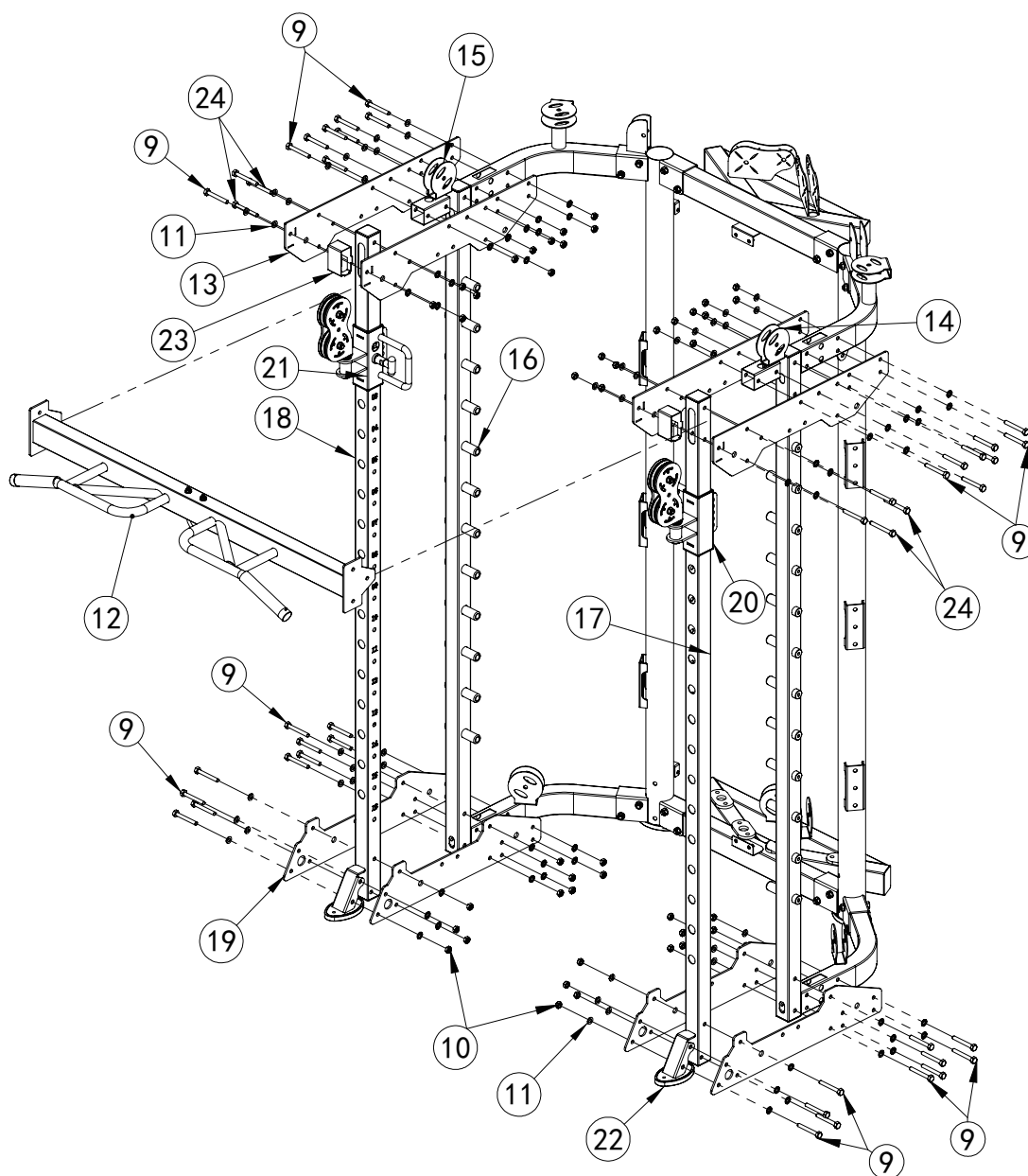
Assembly step (1) drawing



Assembly step (1) assembly instruction

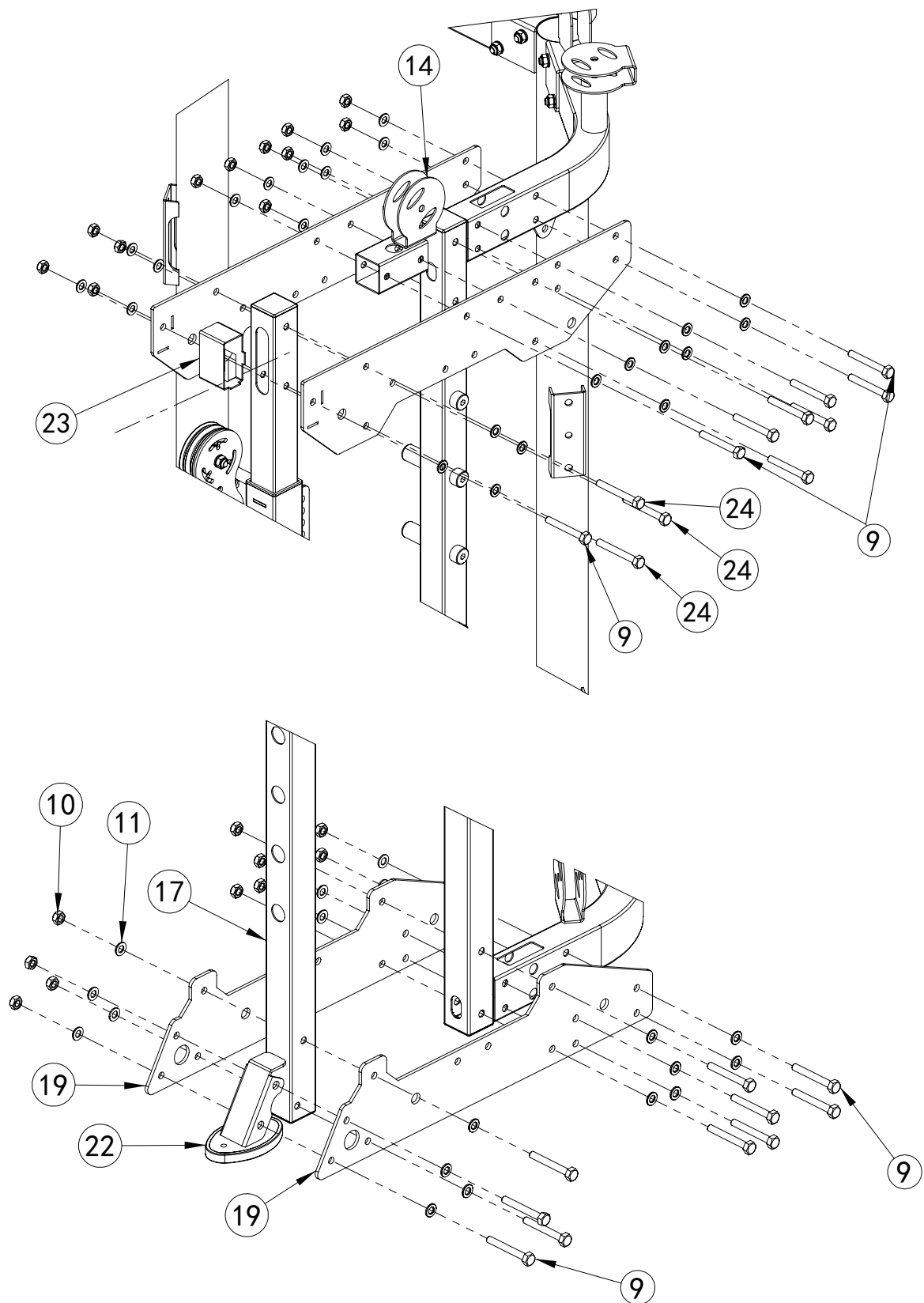
- | | |
|---|---|
| 1 | Fix bending tube left-4 fastening on upright frame left-2 using M10x75 hexagon bolt-9, Φ 10 washer-11 and M10 lock nut-10 |
| 2 | Fix bending tube right-5 fastening on upright frame right-3 using M10x75 hexagon bolt-9, Φ 10 washer-11 and M10 lock nut-10 |
| 3 | Fix connection tube-1 fastening with bending tube left-4, bending tube right-5 using M10x75 hexagon bolt-9, Φ 10 washer-11 and M10 lock nut-10 |
| 4 | Fix upper connection tube-6 fastening on upright frame using M10x75 hexagon bolt-9, Φ 10 washer-11 and M10 lock nut-10 |
| 5 | Fix upper bending tube left-8 fastening on upright frame left-2 using M10x75 hexagon bolt-9, Φ 10 washer-11 and M10 lock nut-10 |
| 6 | Fix upper bending tube right-7 fastening on upright frame right-3 using M10x75 hexagon bolt-9, Φ 10 washer-11 and M10 lock nut-10 |

Assembly step (2) explosion drawing

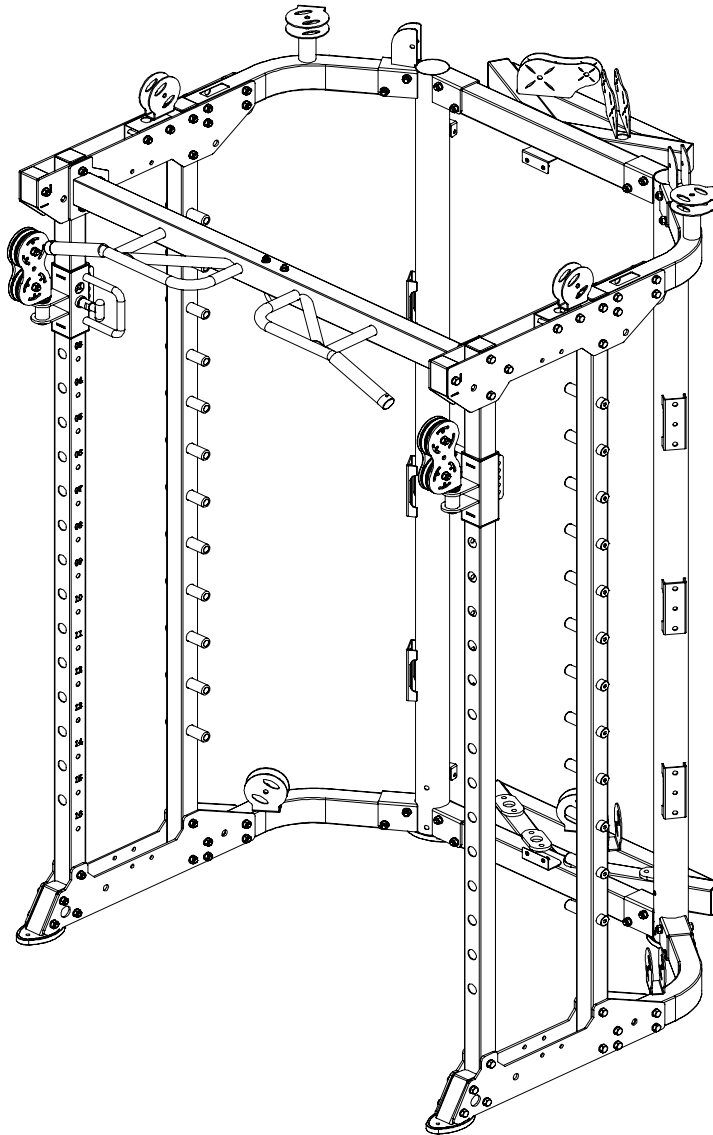


No.	Description	Note	Qty.	No.	Description	Note	Qty.
9	hexagon bolt	M10x75	38	17	tube with hole right		1
10	lock nut	M10	44	18	tube with hole left		1
11	washer	Φ10	88	19	lower plate		4
12	chin up bar		1	20	sliding tube right		1
13	upper plate		4	21	sliding tube left		1
14	pulley frame tube right		1	22	foot tube cover		2
15	pulley frame tube left		1	23	end tube		2
16	upright tube		2	24	hexagon bolt	M10x80	6

Assembly step (2) Enlarged View



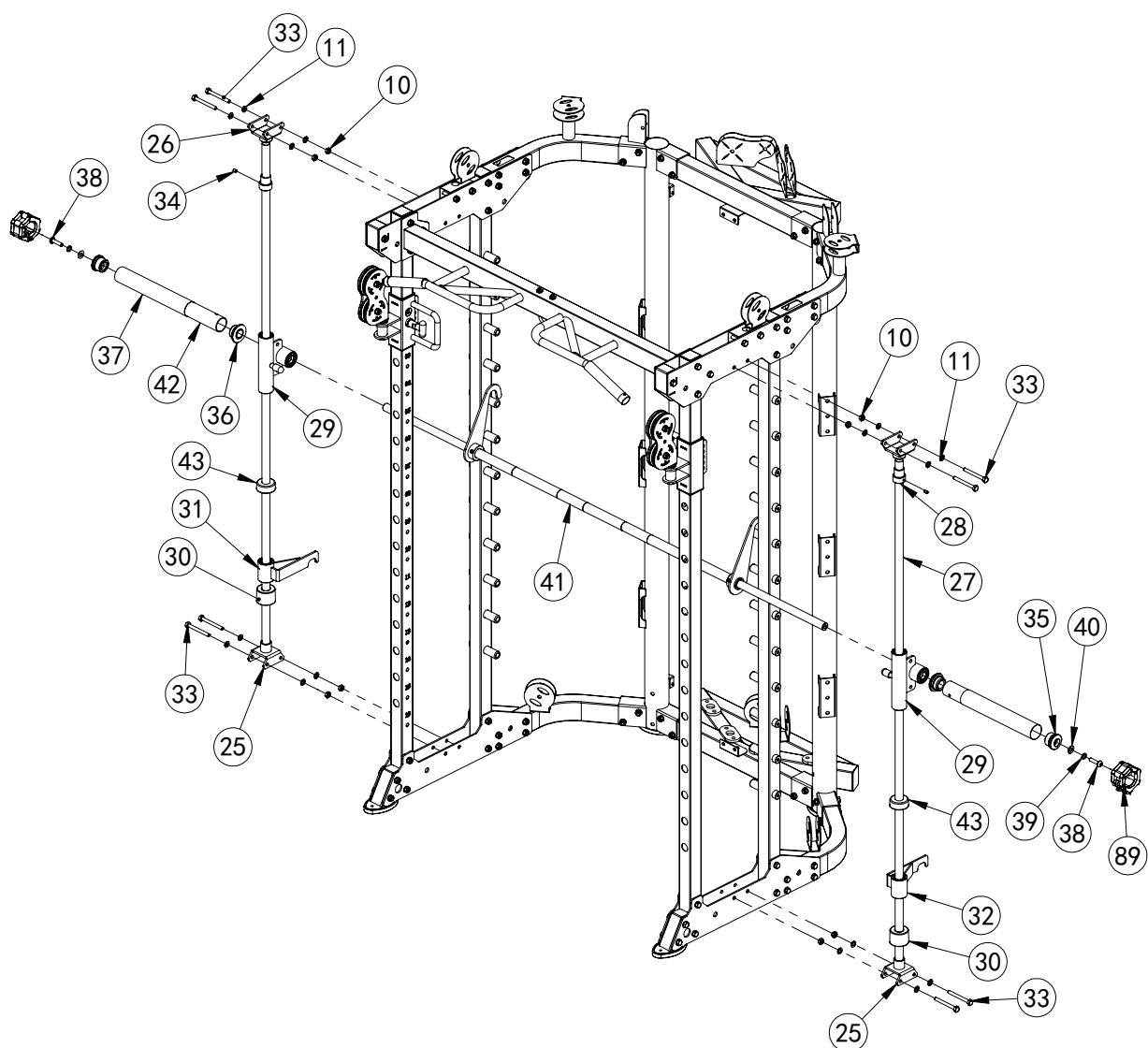
Assembly step (2) drawing



Assembly step (2) assembly instruction

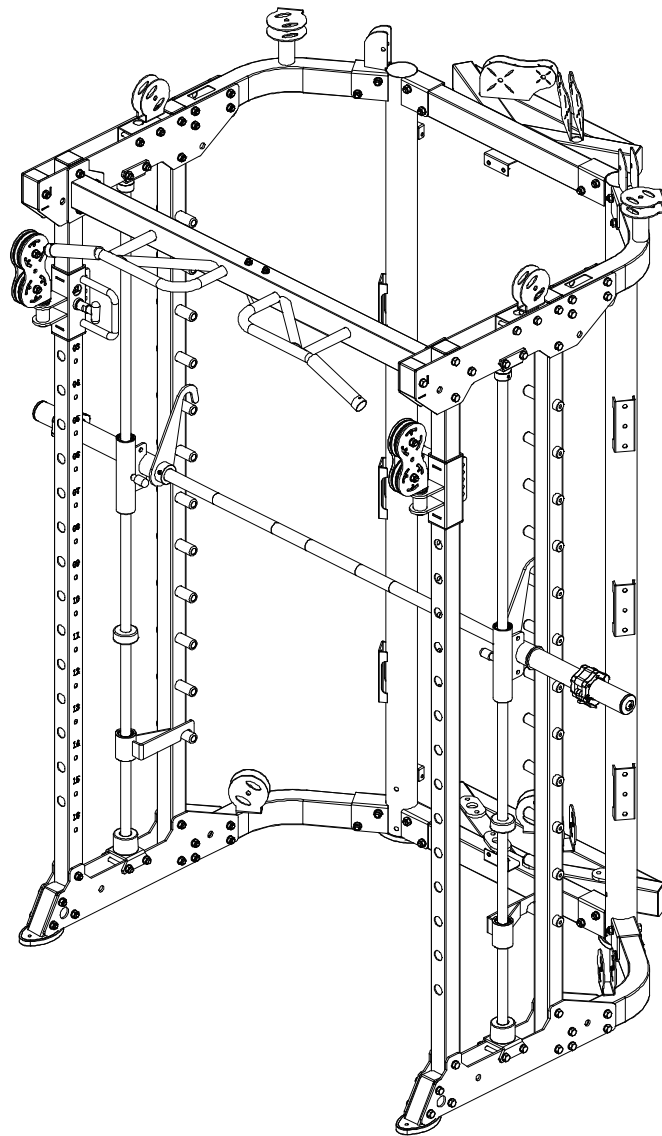
- | | |
|---|--|
| 1 | Fix sliding tube left-21 on tube with hole left-18 |
| 2 | Fix sliding tube right on tube with hole right-17 |
| 3 | Fix upright tube-16 and tube with hole left-18 fastening on assembly step-1 using M10x75 hexagon bolt-9, $\Phi 10$ washer-11, M10 lock nut-10, upper plate-13 and lower plate-19 |
| 4 | Fix pulley frame tube right-14 and pulley frame tube left-15 fastening on upper plate-13 using M10x75 hexagon bolt-9, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 5 | Fix end tube-23 fastening on upper plate-13 using M10x75 hexagon bolt-9, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 6 | Fix foot tube cover-22 fastening on lower plate-19 using M10x75 hexagon bolt-9, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 7 | Fix chin up bar-12 fastening on upper plate-13 using M10x80 hexagon bolt-24, $\Phi 10$ washer-11 and M10 lock nut-10 |

Assembly step (3) explosion drawing



No.	Description	Note	Qty.	No.	Description	Note	Qty.
10	lock nut	M10	8	34	socket set screw	M8x10	2
11	washer	Φ10	16	35	end cap		2
25	lower base		2	36	check ring		2
26	upper base		2	37	pipe	Φ50x310xT0.5	2
27	guide rod	Φ25x1850	2	38	button head socket screw	M12x40	2
28	lock sleeve		2	39	spring washer	Φ12	2
29	sliding sleeve		2	40	washer	Φ12	2
30	rubber pad with groove	Φ60xΦ26x45	2	41	barbell rod		1
31	safety hook right		1	42	inner pipe	Φ48x298x2.5T	2
32	safety hook left		1	43	rubber pad	Φ60xΦ26x25	2
33	hexagon bolt	M10x90	8	89	barbell clamp collar		2

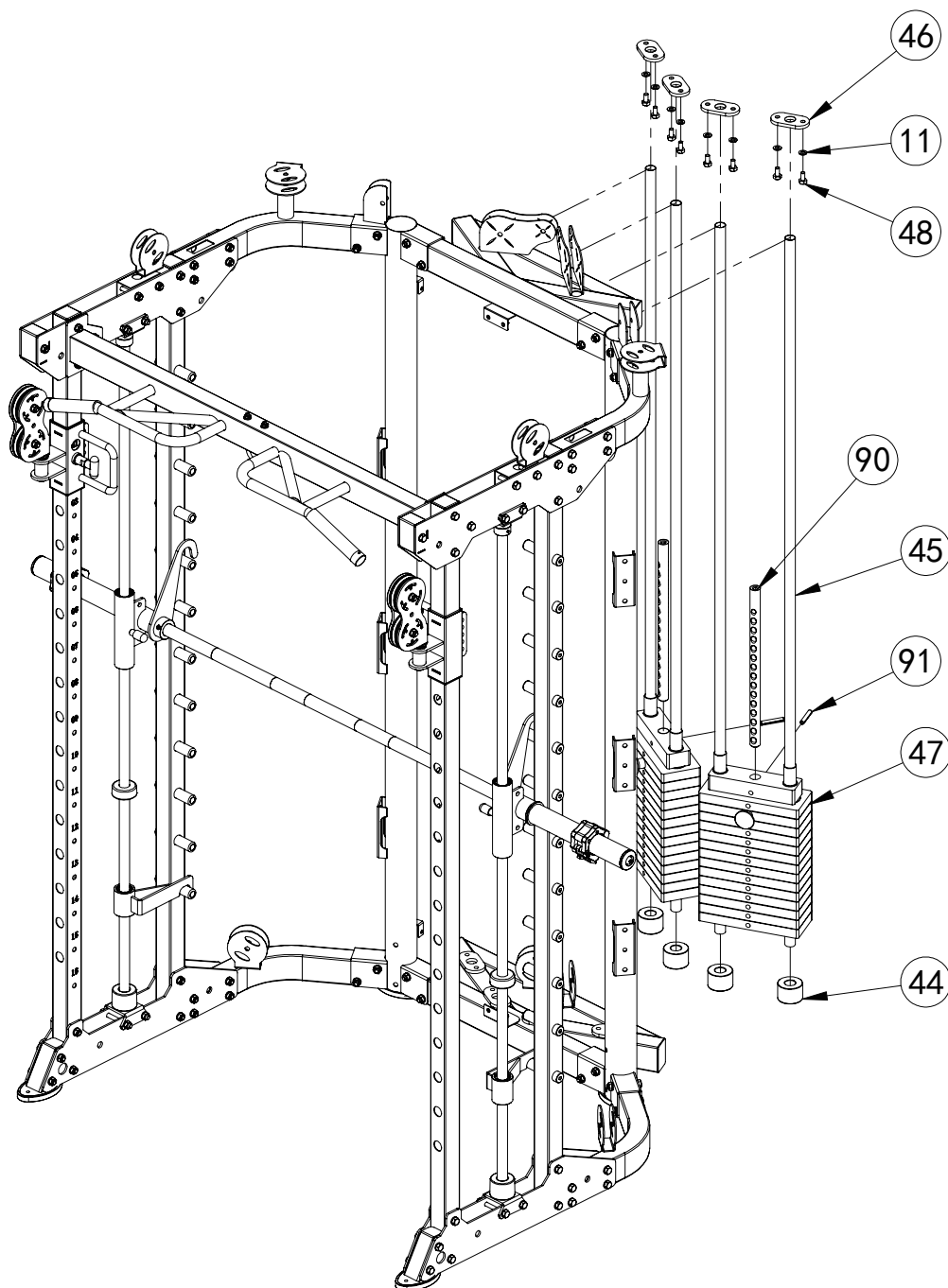
Assembly step (3) drawing



Assembly step (3) assembly instruction

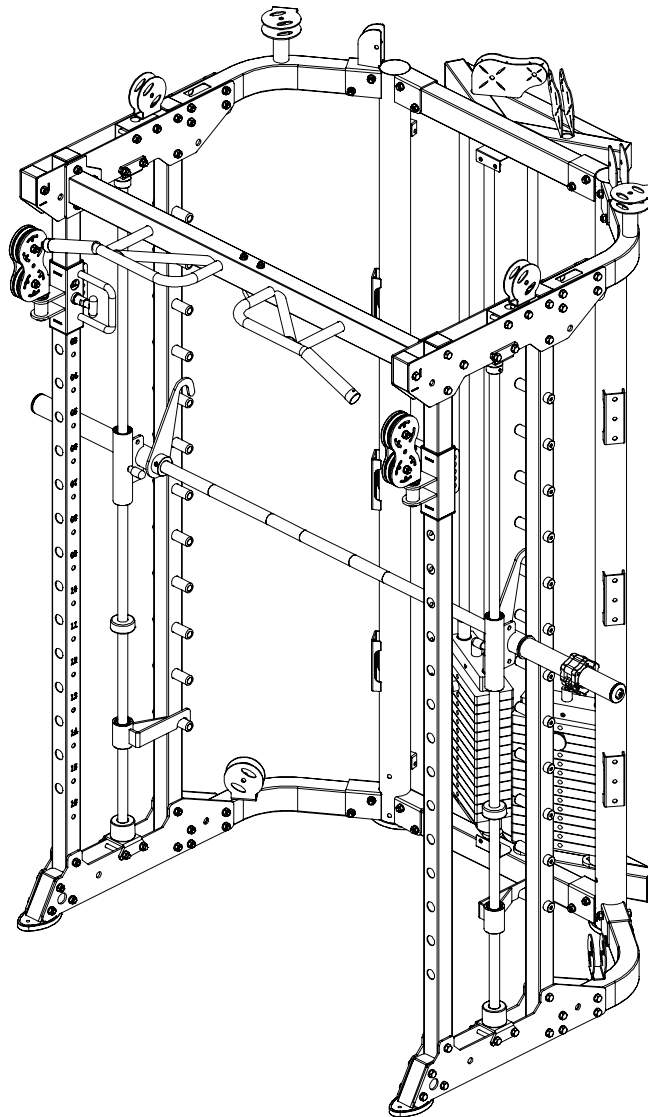
- | | |
|---|--|
| 1 | Fix lower base-25 fastening on lower plate using M10x90 hexagon bolt-33, Φ 10 washer-11 and M10 lock nut-10 |
| 2 | Fix upper base-26 fastening on upper plate using M10x90 hexagon bolt-33, Φ 10 washer-11 and M10 lock nut-10 |
| 3 | Guide rod in turn through lock sleeve-28, sliding sleeve-29, rubber pad-43, safety hook left-32 and rubber pad with groove-30 fastening on base using M8x10 socket set screw-34 |
| 4 | Barbell rod-41 in turn through sliding sleeve-29, check ring-36, inner pipe-42, pipe-37 and end cap-35 fastening using M12x40 button head socket screw-38, Φ 12 spring washer-39 and Φ 12 washer-40, then fit on barbell clamp collar-89 |
| 5 | Guide rod in turn through lock sleeve-28, sliding sleeve-29, rubber pad-43, safety hook right-31 and rubber pad with groove-30 fastening on base using M8x10 socket set screw-34 |

Assembly step (4) explosion drawing



No.	Description	Note	Qty.
11	washer	Φ10	8
44	rubber pad	Φ60xΦ26x42	4
45	guide rod hollow	Φ25x1955	4
46	reinforcing plate		4
47	weight stack		2
48	hexagon bolt	M10x20	8
90	selector rod		2
91	weight pin		2

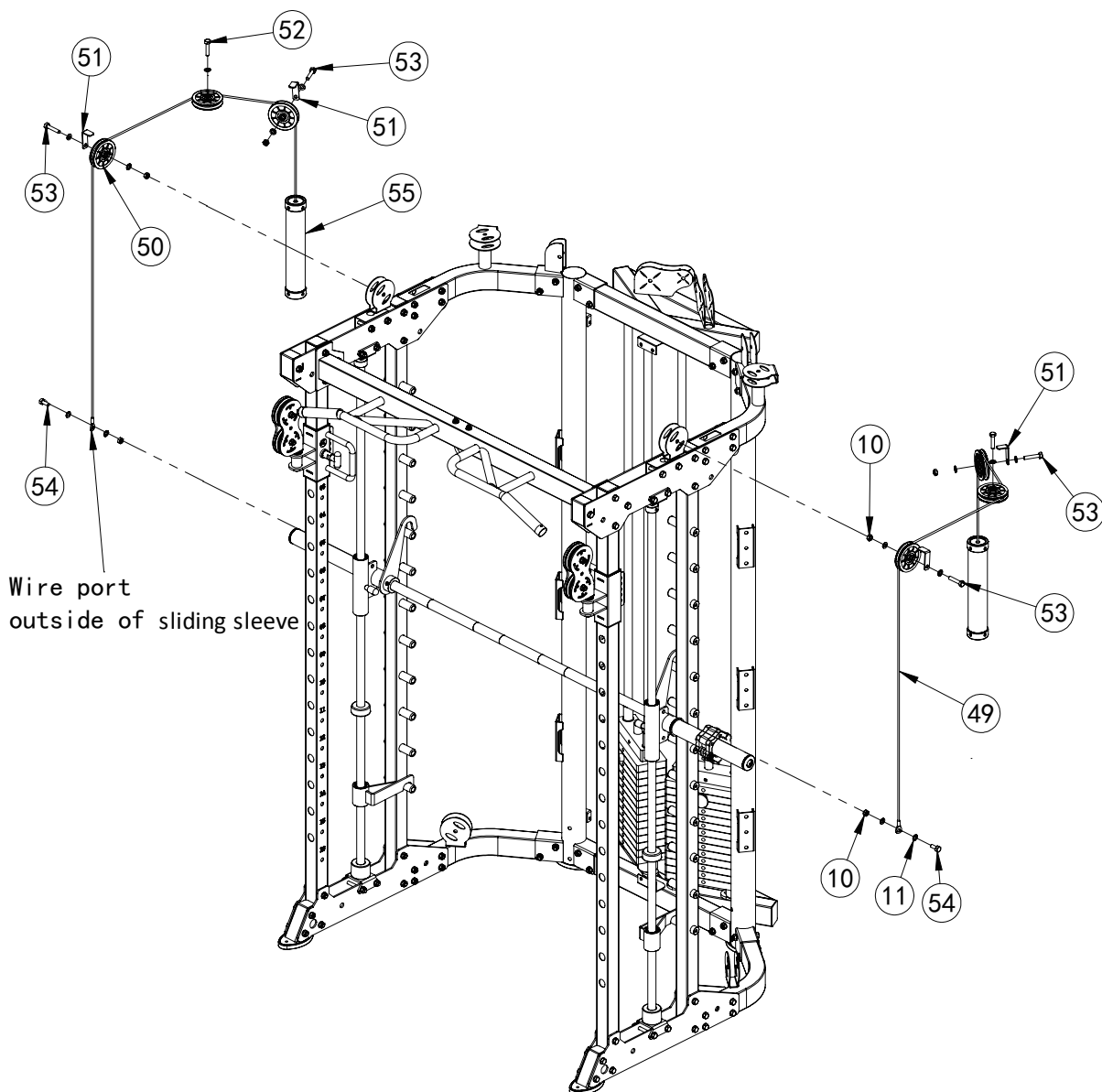
Assembly step (4) drawing



Assembly step (4) assembly instruction

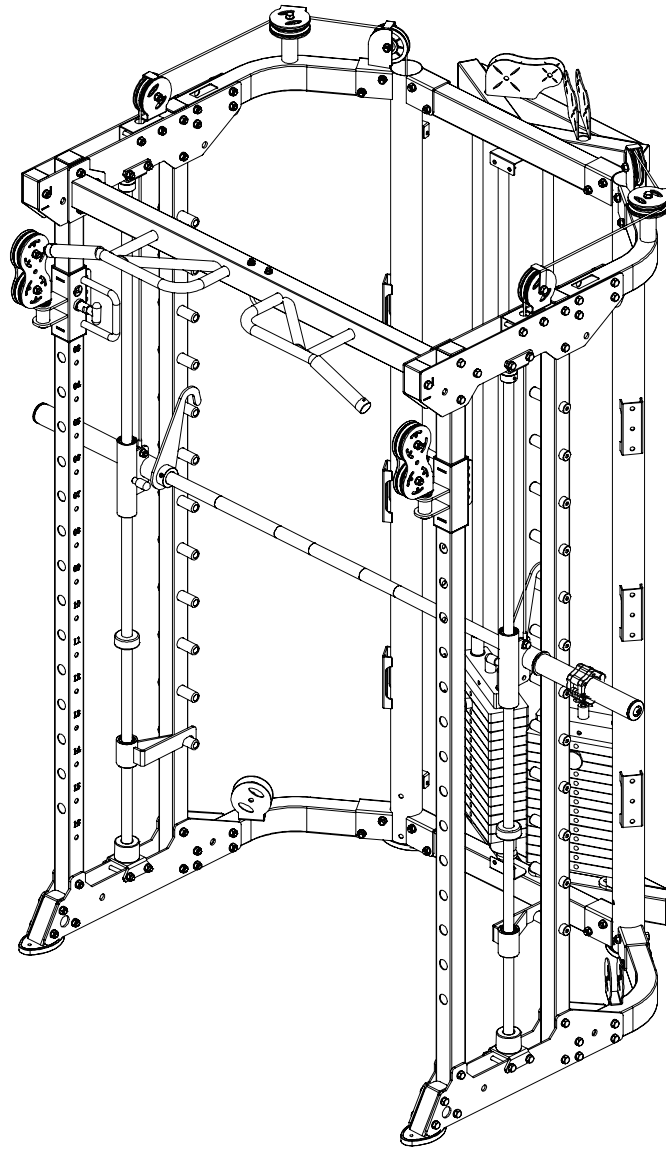
- 1 Fix weight pin-91 fastening on selector rod-90
- 2 Guide rod hollow-45 in turn through rubber pad-44, weight stack-47 and fastening on reinforcing plate-46 using M10x20 hexagon bolt-48, $\Phi 10$ washer-11 and M10 lock nut-10

Assembly step (5) explosion drawing



No.	Description	Note	Qty.
10	lock nut	M10	6
11	washer	Φ10	14
49	wire	Φ5x2745mm	2
50	pulley	Φ95	6
51	pulley plate		4
52	hexagon bolt	M10x45	2
53	hexagon bolt	M10x50	4
54	hexagon bolt	M10x25	2
55	weight		2

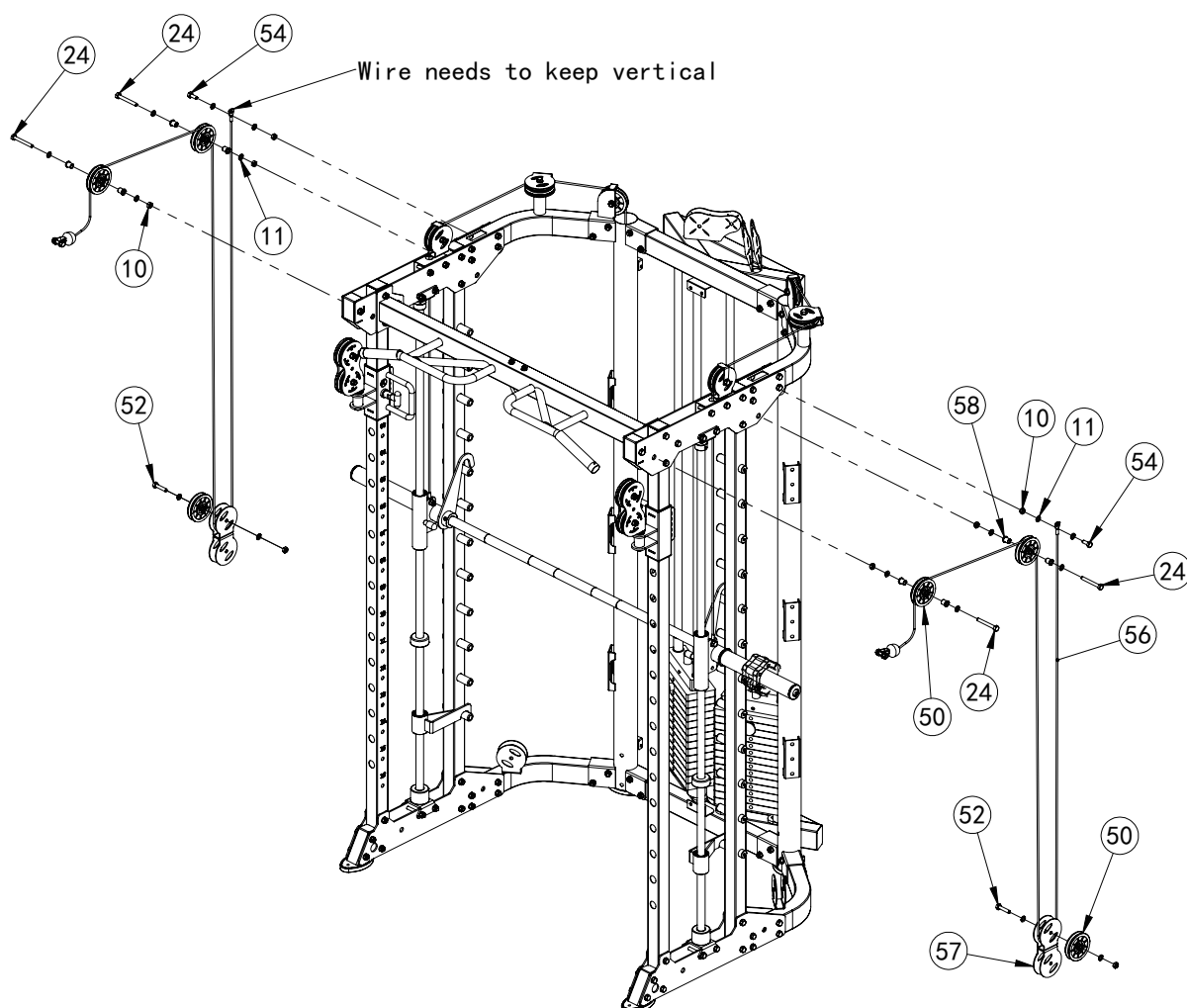
Assembly step (5) drawing



Assembly step (5) assembly instruction

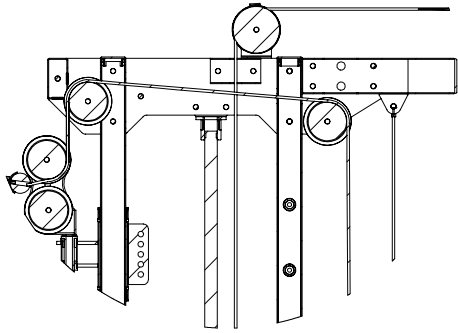
- | | |
|---|--|
| 1 | Connect wire-49 with weight-55, put them into upring frame |
| 2 | Fix pulley-50 fastening on upper bending tube using M10x50 hexagon bolt-53, pulley plate-51, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 3 | Fix pulley-50 fastening on upper bending tube using M10x45 hexagon bolt-52, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 4 | Fix wire-49 fastening on sliding sleeve outside using M10x25 hexagon bolt-54, $\Phi 10$ washer-11 and M10 lock nut-10 |

Assembly step (6) explosion drawing

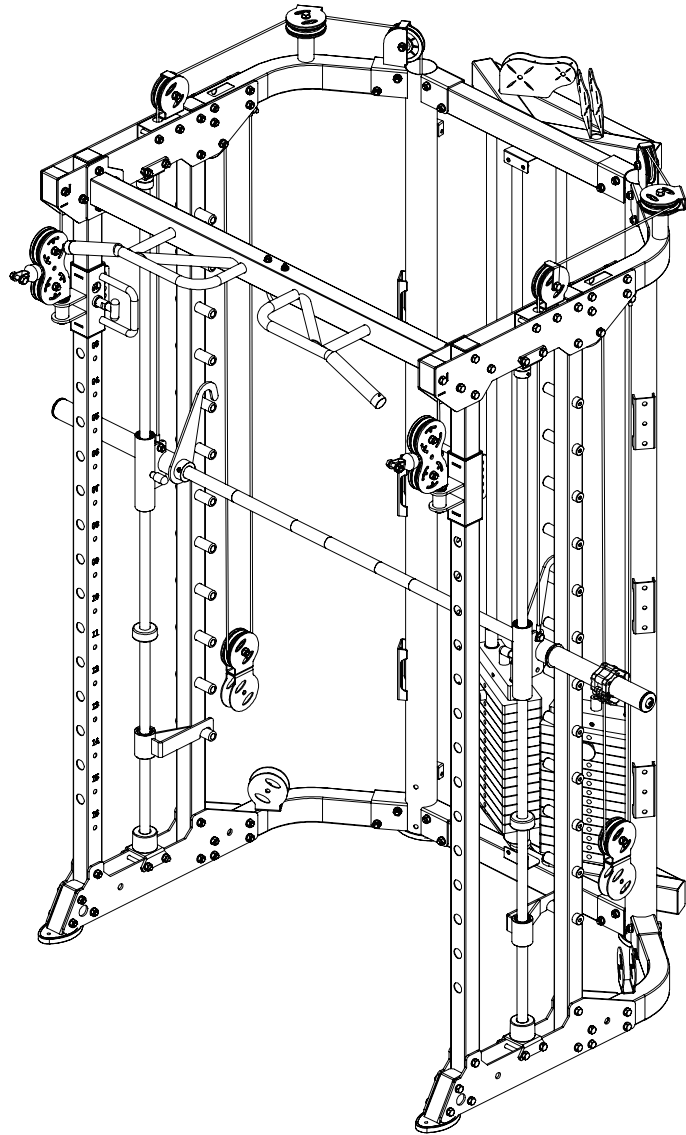


No.	Description	Note	Qty.
10	lock nut	M10	8
11	washer	Φ10	16
24	hexagon bolt	M10x80	4
50	pulley	Φ95	6
52	hexagon bolt	M10x45	2
54	hexagon bolt	M10x25	2
56	wire	Φ5x4095mm	2
57	"-" shape pulley frame		2
58	pulley spacer sleeve	Φ20x10.5xL20.5	8

Assembly step (6) drawing



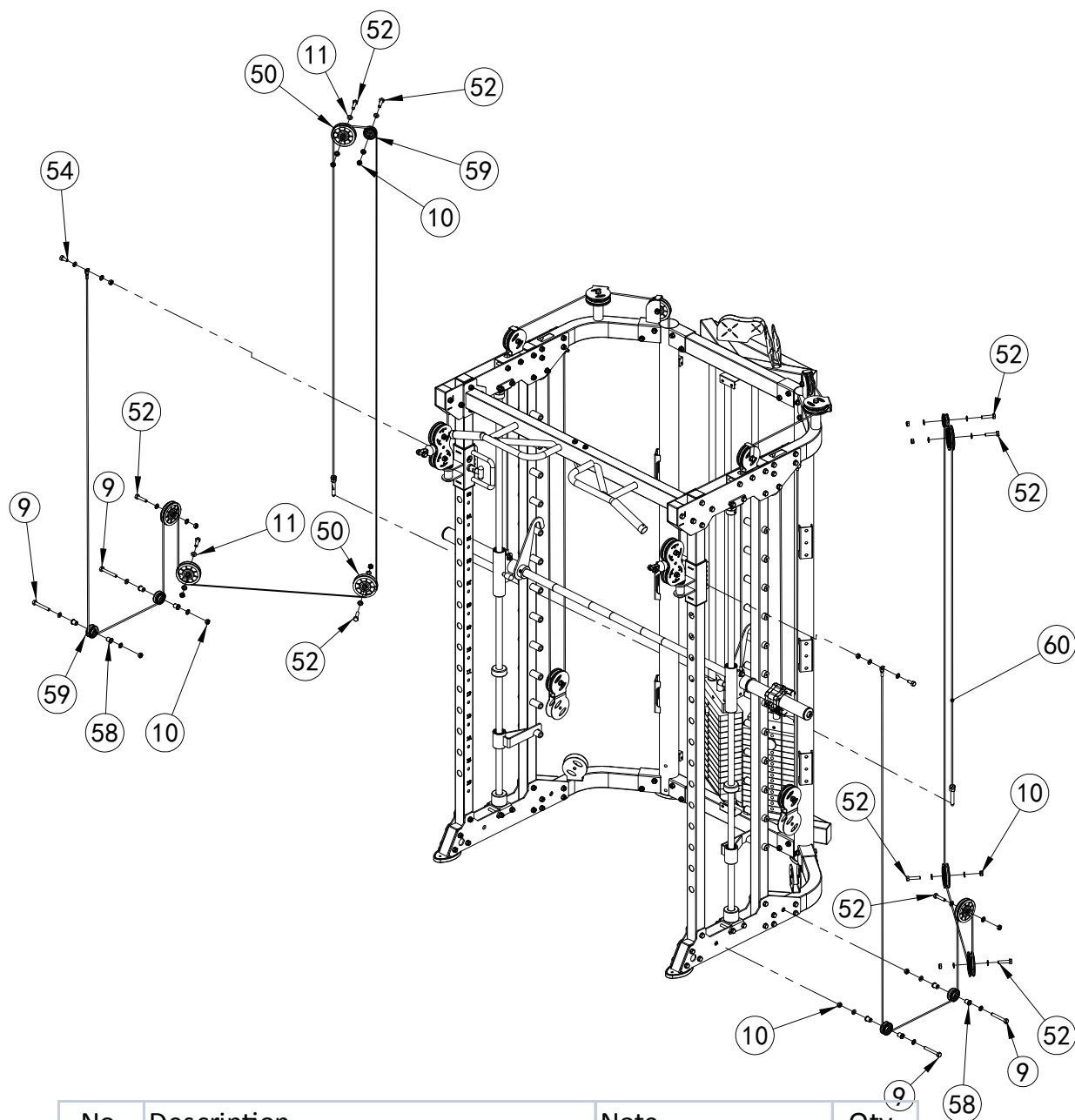
Internal wire schematic



Assembly step (6) assembly instruction

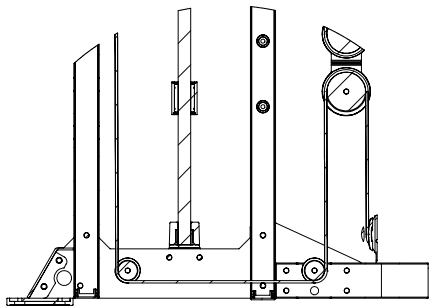
- | | |
|---|---|
| 1 | As the shown in the figure fix pulley-50 fastening on upper plate using M10x80 hexagon bolt-24, $\Phi 10$ washer-11 and M10 lock nut-10 and pulley spacer sleeve-58 |
| 2 | Fix pulley-50 fastening on "—" shape pulley frame-57 using M10x45 hexagon bolt-52, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 3 | As the shown in the figure put the wire-56 using M10x45 hexagon bolt-52, $\Phi 10$ washer-11 and M10 lock nut-10 fastening on bending tube, careful to keep the wire vertical |

Assembly step (7) explosion drawing

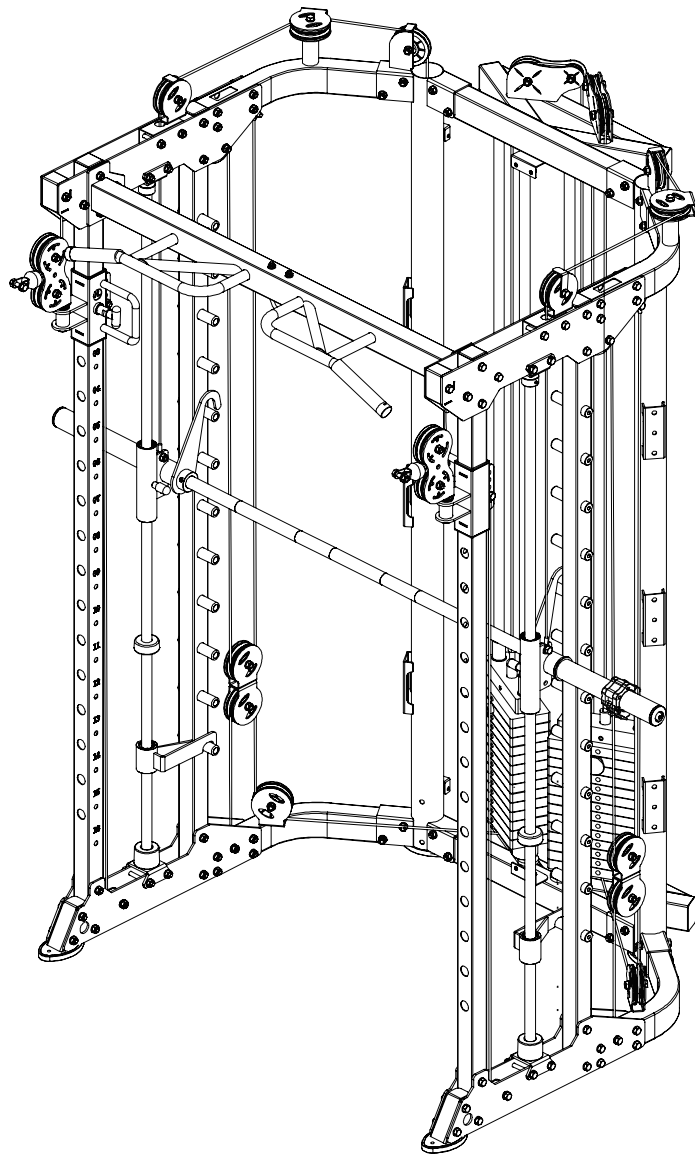


No.	Description	Note	Qty.
24	hexagon bolt	M10x80	4
10	lock nut	M10	16
11	washer	Φ10	32
50	pulley	Φ95	8
52	hexagon bolt	M10x45	10
54	hexagon bolt	M10x25	2
58	pulley spacer sleeve	Φ20x10.5xL20.5	8
59	pulley	Φ50	6
60	wire		2

Assembly step (7) drawing



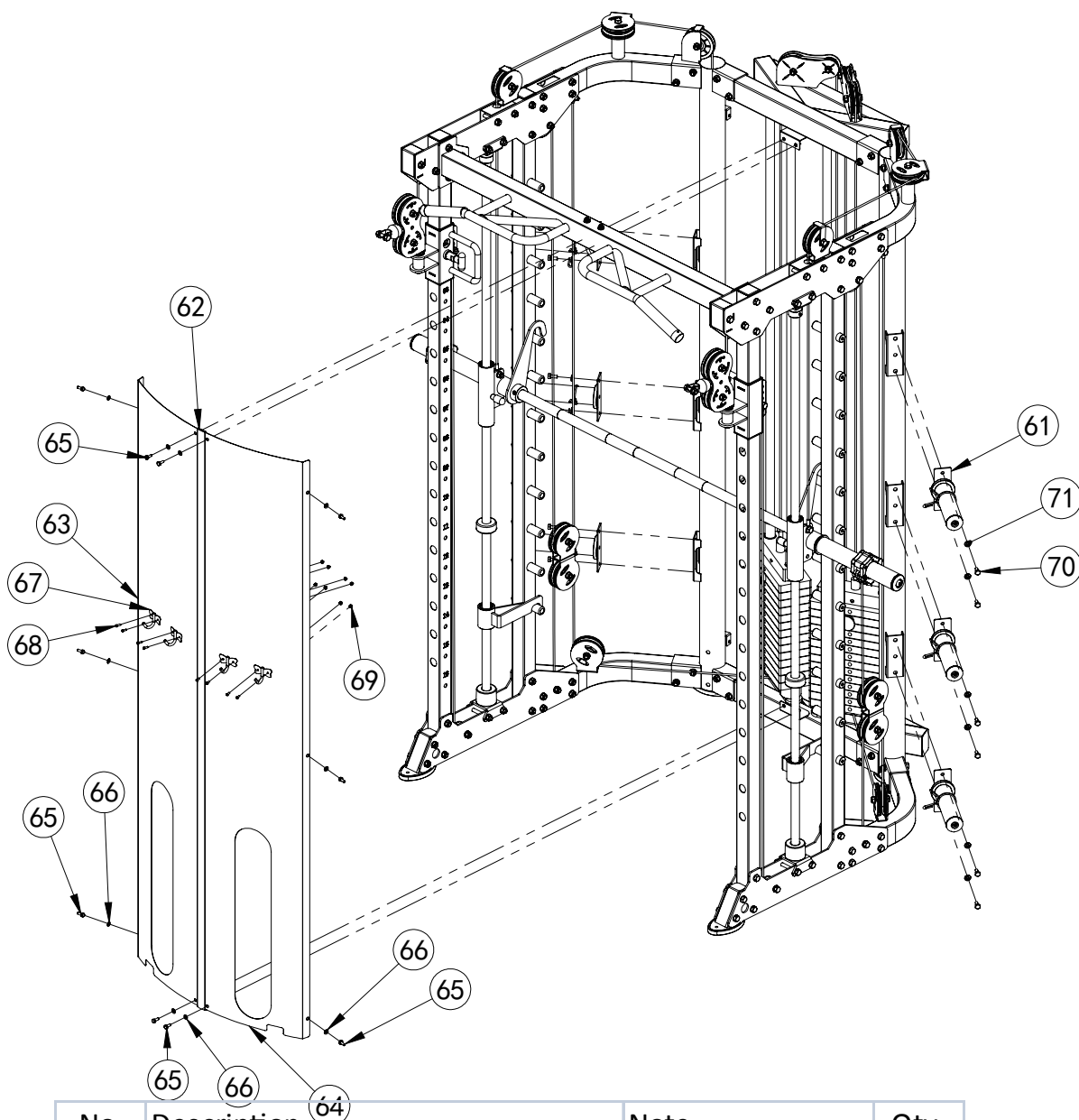
Internal wire schematic



Assembly step (7) assembly instruction

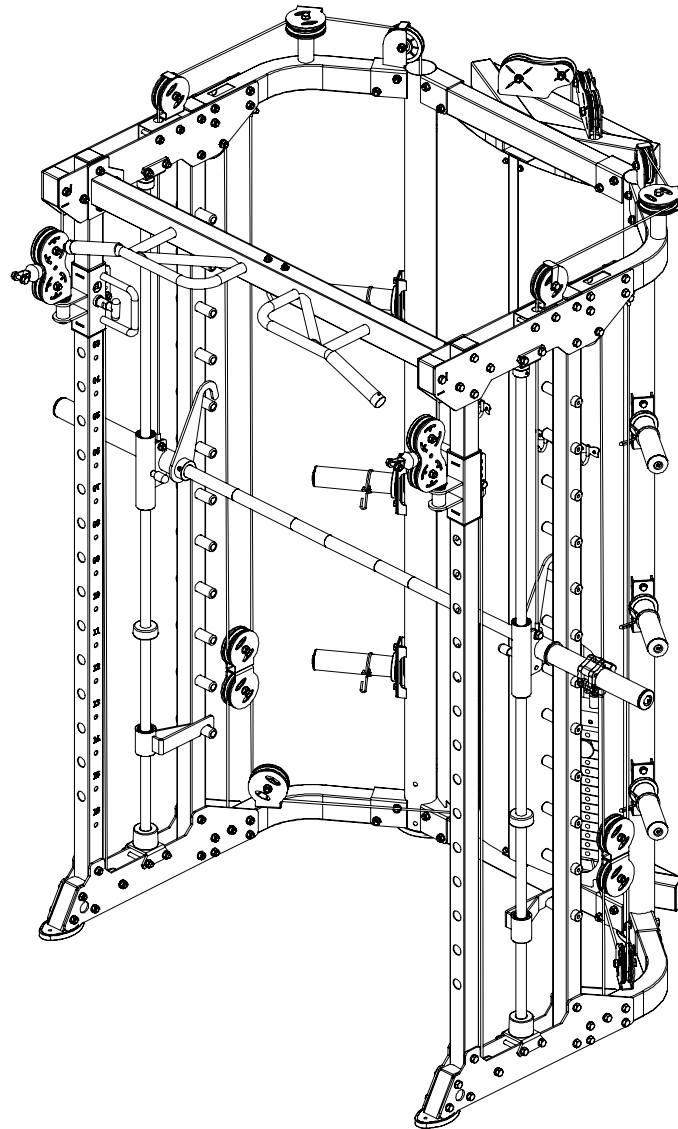
- | | |
|---|--|
| 1 | Fix pulley-50 fastening on "—" shape pulley frame-57 using M10x45 hexagon bolt-52, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 2 | Fix pulley-50 fastening on lower plate using M10x80 hexagon bolt-24, $\Phi 10$ washer-11 and M10 lock nut-10 and pulley spacer sleeve-58 |
| 3 | Fix pulley-50 fastening on lower bending tube using M10x45 hexagon bolt-52, $\Phi 10$ washer-11 and M10 lock nut-10 |
| 4 | As the shown in the figure put the wire-60 on the machine |

Assembly step (8) explosion drawing



No.	Description	Note	Qty.
61	barbell plate holder		6
62	connection strap		1
63	shield left		1
64	shield right		1
65	hexagon bolt	M6x16	10
66	washer	Φ6	10
67	hook		4
68	"+"slotted countersunk head bolt	M4x12	8
69	lock nut	M4	8
70	hexagon bolt	M8x20	12
71	washer	Φ8	12

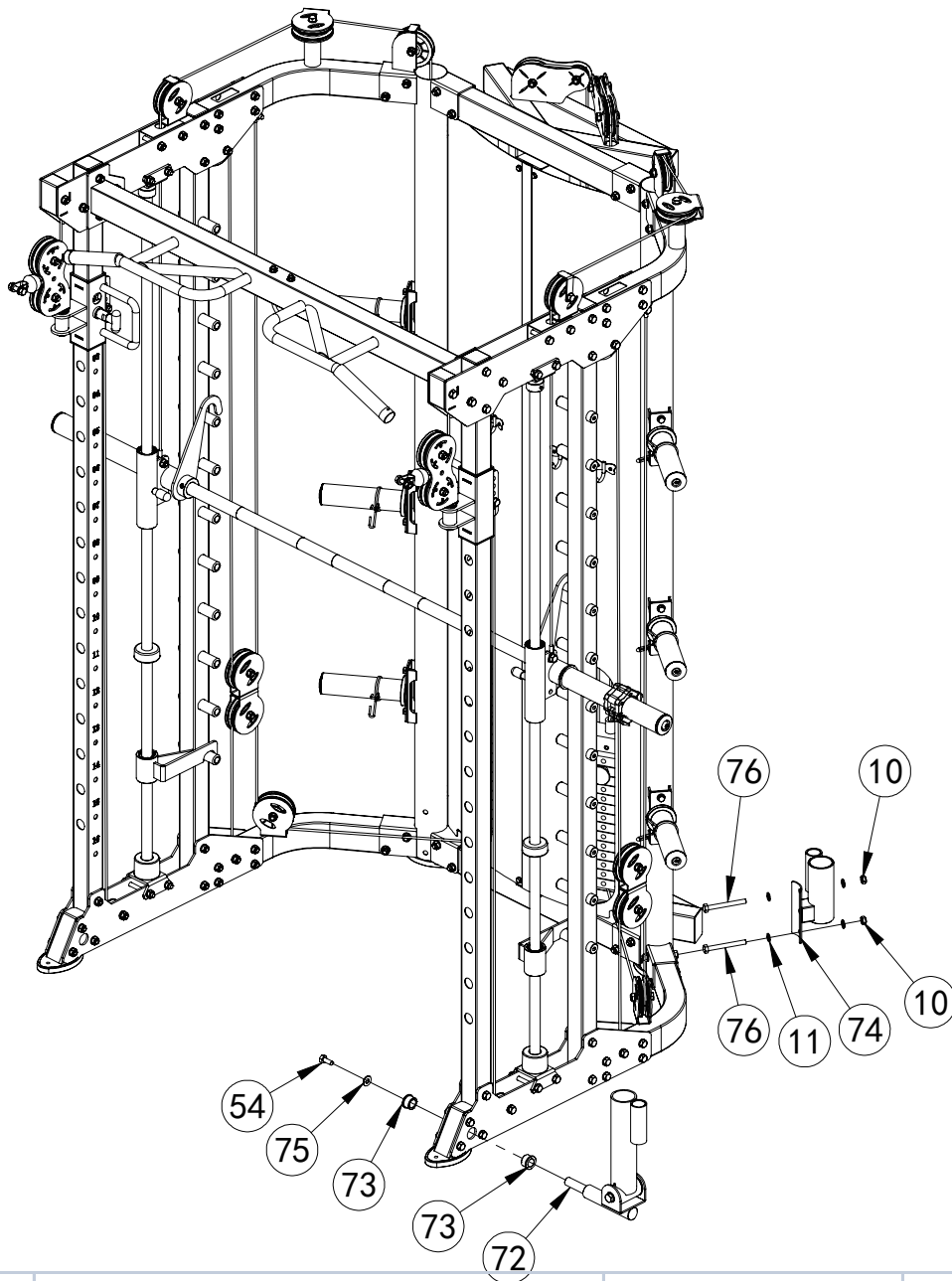
Assembly step (8) drawing



Assembly step (8) assembly instruction

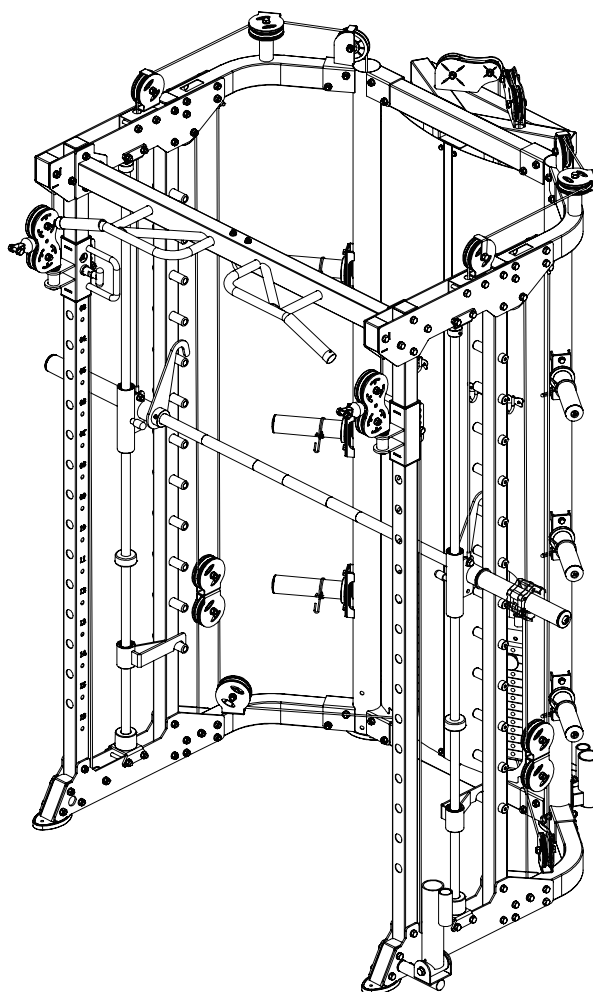
- | | |
|---|--|
| 1 | Connect shield left-63, connection strap-62 and shield right-64 |
| 2 | Fix hook-67 fastening on shield using "+"slotted countersunk head bolt-68 and M4 lock nut-69 |
| 3 | Fix shield fastening on main frame using M6x16 hexagon bolt-65, $\Phi 6$ washer-66 |
| 4 | Fix barbell plate holder-61 on main frame using M8x20 hexagon bolt-70, $\Phi 8$ washer-71 |

Assembly step (9) explosion drawing



No.	Description	Note	Qty.
10	lock nut	M10	2
11	washer	Φ10	4
54	hexagon bolt	M10x25	1
72	core trainer		1
73	powder metallurgy sleeve		2
74	barbell rod cup		1
75	big washer	Φ25x10x2.0	1
76	hexagon bolt	M10x95	2

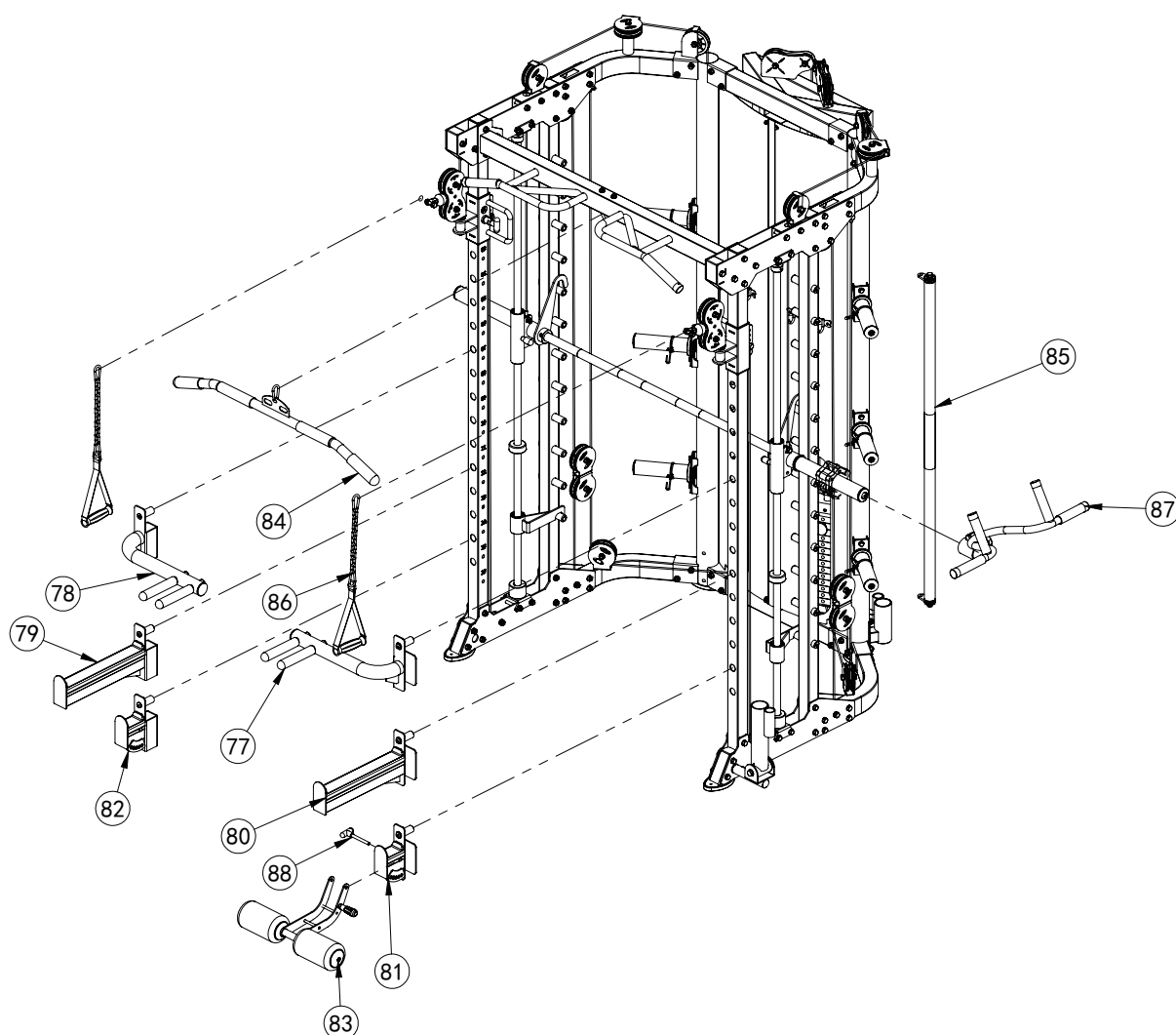
Assembly step (9) drawing



Assembly step (9) assembly instruction

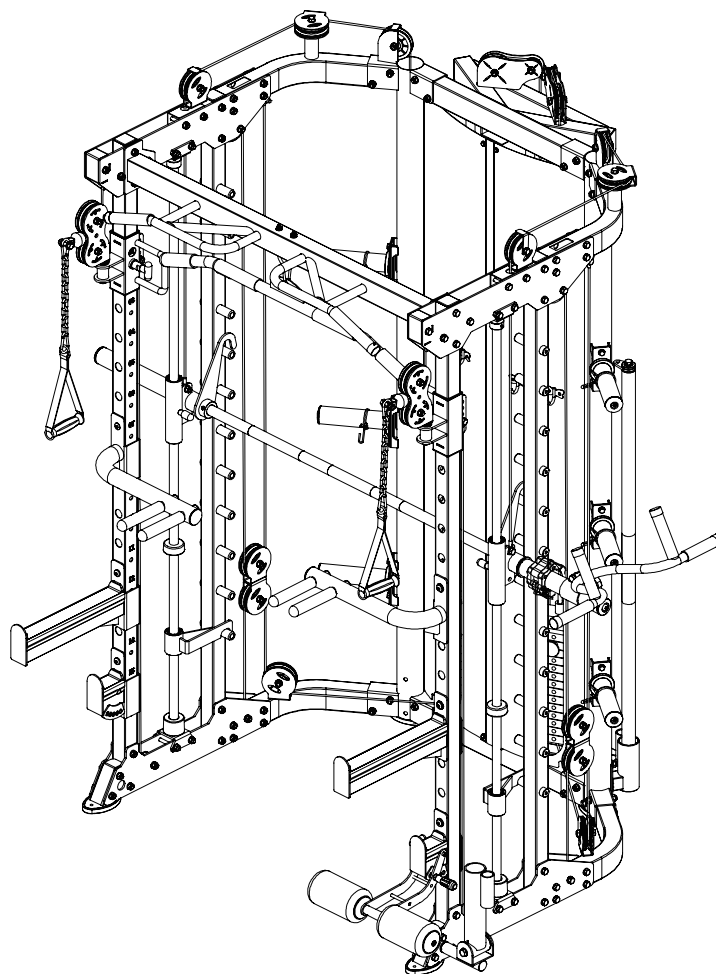
- | | |
|---|---|
| 1 | Fix core trainer-72 fastening on main frame using M10x25 hexagon bolt-54, Φ 10 big washer-75 and powder metallurgy sleeve-73 |
| 2 | Fix barbell rod cup-74 fastening on upright frame using M10x95 hexagon bolt-76, Φ 10 washer-11 and M10 lock nut-10 |

Assembly step (10) explosion drawing



No.	Description	Note	Qty.
77	dip bar left		1
78	dip bar right		1
79	barbell rod holder right		1
80	barbell rod holder left		1
81	barbell rod holder short left		1
82	barbell rod holder short right		1
83	long bar		1
84	ship rod		1
85	hand belt		2
86	pull lift device		1
87	T shape pin	Φ10x100	1
88	leg curl tube		1

Assembly step (10) drawing



Assembly step (10) assembly instruction

- | | |
|---|--|
| 1 | Connect leg curl tube-83 and barbell rod holder short left-81 using T shape pin-88 |
| 2 | Put the attached part on the machine |