



Triple Mast Electric Stacker
MODEL: SQCDD-H1545 PRO

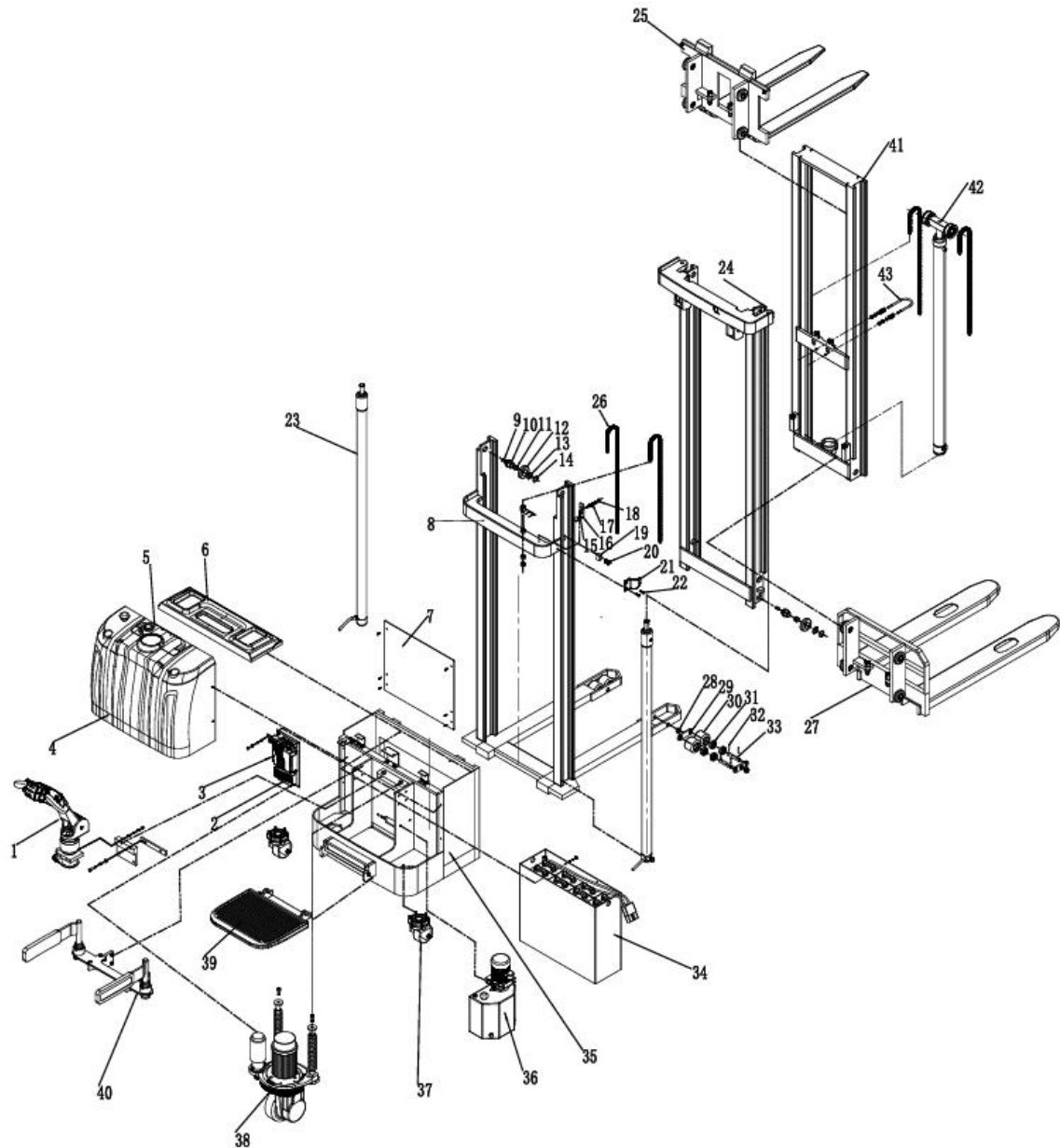
(Spare Parts Catalogue)



CONTENT

1.Double Cylinder Stacker Electronic Steering Assembly Diagram	1
2. Protective Arm Assembly Diagram	3
3.Handle Assembly(Mechanical Steering)	5
4.Handle Assembly(Electronic Steering)	7
5.Battery Cover Assembly Diagram	9
6.Balance Wheel Assembly Diagram	10
7.Mechanical Steering Electronic Control Assembly Diagram	11
8.Control Machine Cover Assembly Diagram	13
9.Foot Pedal Assembly Diagram	15
10.Oil Cylinder Assembly Diagram(Double Cylinder)	17
11.Drive Wheel Mechanical Steering Assembly Diagram	19
12.Drive Wheel Electronic Steering Assembly Diagram	21
13.Battery Assembly Diagram	23
14.Double Cylinder Stacker Mechanical Steering Assembly Diagram	24
15.Forged Fork Assembly Diagram	26
16.Fixed Fork Assembly Diagram	28
17.Mechanical Steering Control System Assembly Diagram	30
18.Electronic Steering Control System Assembly Diagram ...	32

1.Double Cylinder Stacker Electronic Steering Assembly Diagram

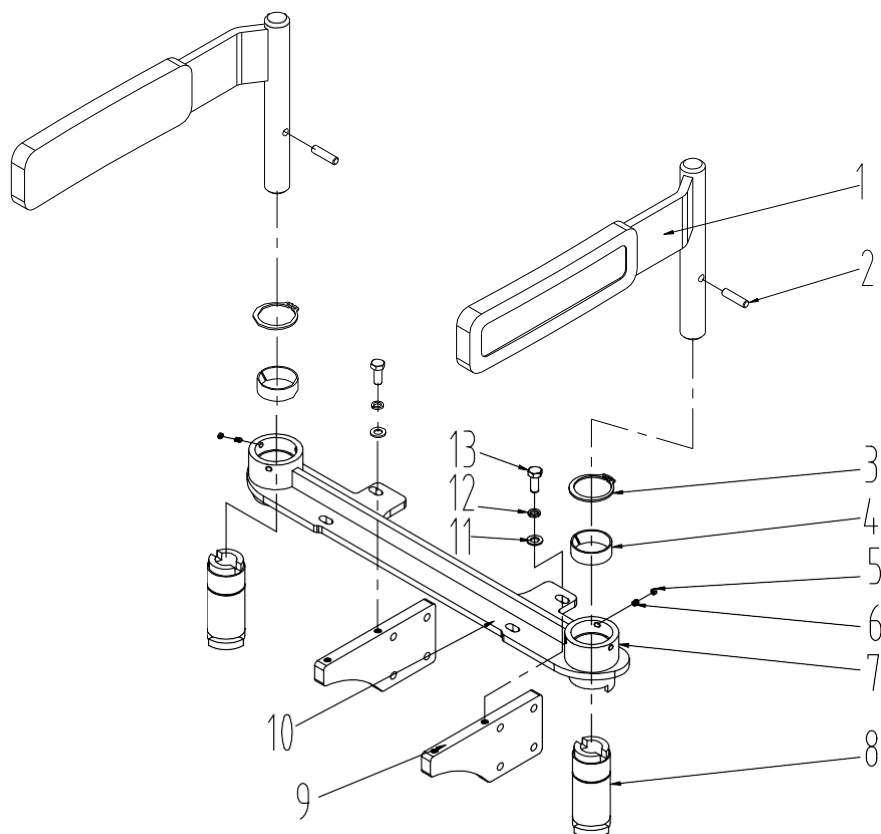
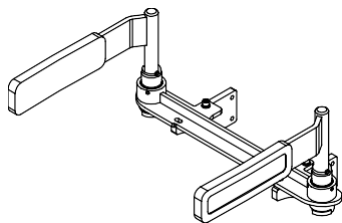


No.	Part Name	Qty	Remark
4-1	Operating Handle Assembly	1	

4-2	Steering Controller	1	
4-3	Controller Assembly	1	
4-4	Machine Cover	1	
4-5	Electronic Control Machine Cover	1	
4-6	Battery Cover	1	
4-7	Protective Plexiglass	1	
4-8	Front Baby	1	
4-9	Cross - regulating Screw	4	
4-10	Guide Wheel Shaft	4	
4-11	Composite Roller	4	
4-12	Guide Wheel (NLO77.7)	4	
4-13	Adjusting Card	4	
4-14	Shaft Spring Retaining Ring 35	4	
4-15	Hexagon Socket Head Cap Screw	2	
4-16	Probe Fixing Plate	1	
4-17	Probe	1	
4-18	Probe Locking Nut	2	
4-19	Limit Block	2	
4-20	Flat Hexagon Socket Head Screw	4	
4-21	Oil Cylinder Clamp	2	
4-22	Flat Socket Head Cap Screw M8×20	4	
4-23	Oil Cylinder Assembly	2	
4-24	Inner Gantry Assembly	1	
4-25	Forged Fork Lift Plate Assembly	1	
4-26	Chain	2	
4-27	Fixed Fork Lift Plate Assembly	1	
4-28	Oil-free Bushing	4	
4-29	Front Wheel Cap	4	
4-30	Front Wheel	4	
4-31	Bearing	8	
4-32	Connecting Shaft	8	
4-33	Battery Assembly	4	
4-34	Rear Body Assembly	1	
4-35	Hydraulic Unit Assembly	1	
4-36	Balance Wheel Assembly	1	
4-37	Electronic Steering Drive Assembly	2	

4-38	Steering Motor	1	
4-39	Pedal Assembly	1	
4-40	Protective Arm Assembly	1	
4-41	Inner Gantry Assembly	1	
4-42	Middle Oil Cylinder Assembly	1	
4-43	Middle Oil Cylinder Clamp	1	

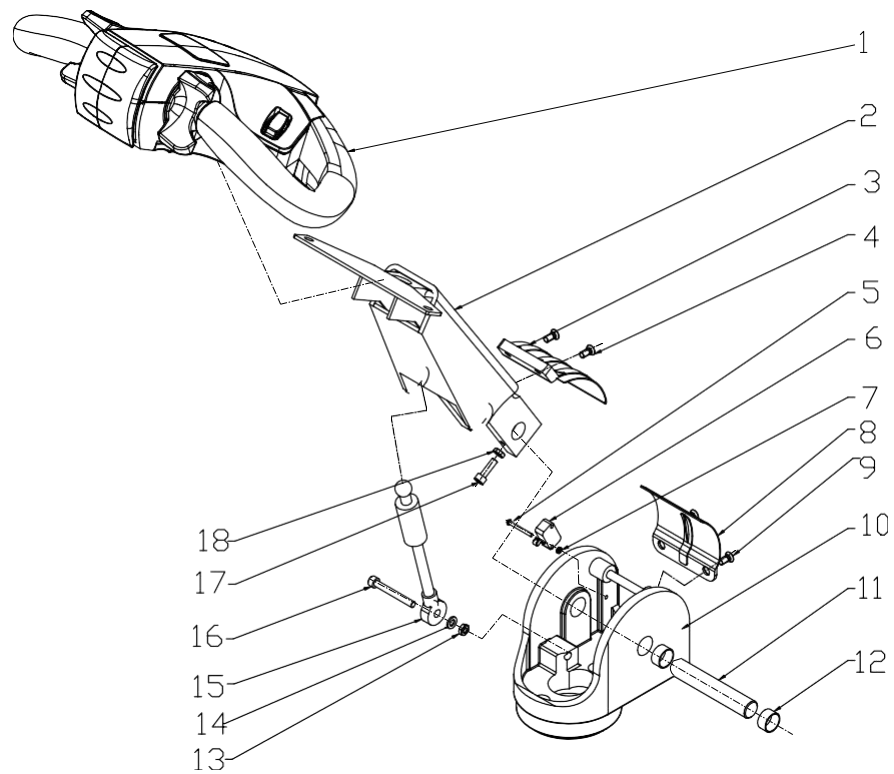
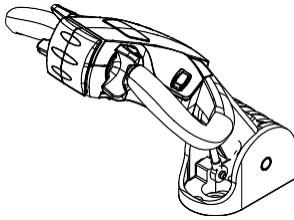
2. Protective Arm Assembly Diagram



No.	Part Name	Qty	Remark
5-1	Handguard Plate	2	
5-2	Positioning Rod $\Phi 10 \times 40$	2	
5-3	Shaft Spring Retaining Ring 48	2	
5-4	Handguard Glove Wear - resistant Strip	2	
5-5	Nut M8	6	
5-6	Flat Set Screw	6	
5-7	Handguard Plate Sleeve	2	
5-8	Handguard Glove	2	
5-9	Handguard Extension Plate	2	
5-10	Handguard Fixing Plate	1	
5-11	Flat Washer $\Phi 10$	4	
5-12	Spring Washer $\Phi 10$	4	
5-13	Hexagon Bolt M10 $\times$ 25	4	

3.Handle Steering)

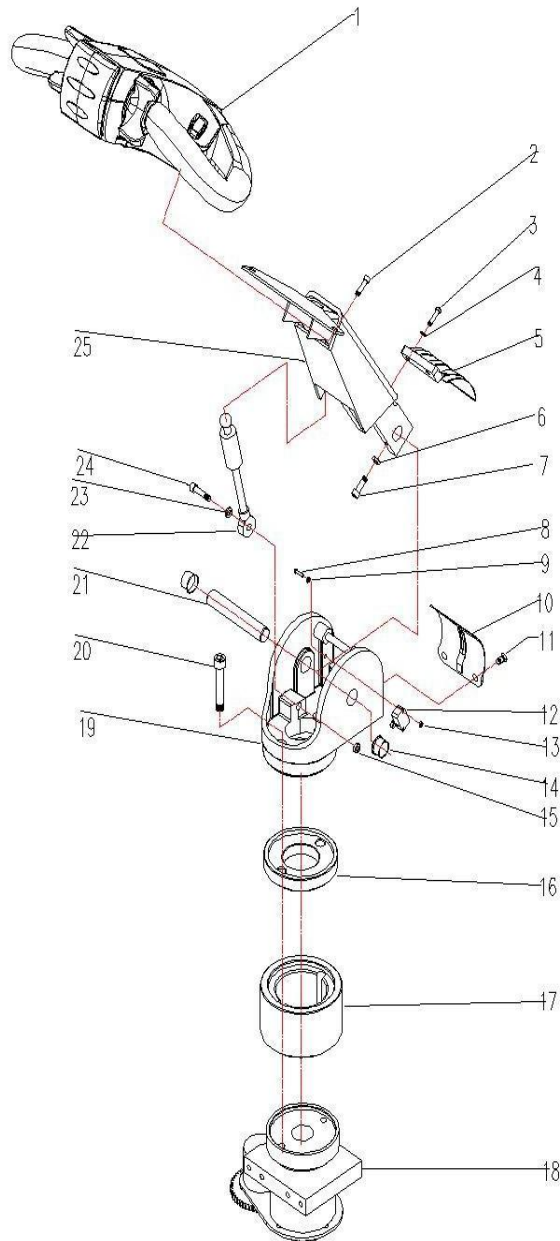
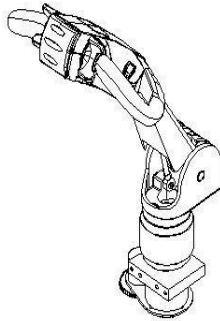
Assembly(Mechanical



No.	Part Name	Qty	Remark
6-1	Hand e	1	

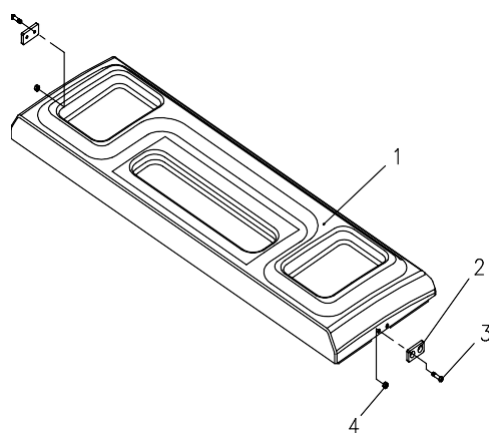
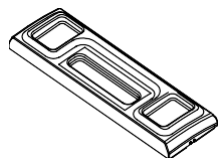
6-2	Handle Welded Assembly	1	
6-3	Handle Cover Plate	1	
6-4	Cross Pan Head Screw M5×10	2	
6-5	Cross Countersunk Head Screw M3×30	1	
6-6	Micro Switch	1	
6-7	Nut M3	1	
6-8	Handle Enclosure	1	
6-9	Cross Pan Head Screw M6×10	2	
6-10	Steering Handle Bracket	1	
6-11	Connecting Shaft	1	
6-12	Oil - free Bearing with Retaining Ring 18×20×17	2	
6-13	Nut M8	1	
6-14	Flat WasherΦ8	1	
6-15	Gas Spring YQ20-74-198/3W	1	
6-16	Cylindrical Socket - Head Cap Screw M8×50	1	
6-17	Cylindrical Socket - Head Cap Screw M5×18	1	
6-18	Locking Nut M8	1	

4.Handle Assembly(Electronic Steering)



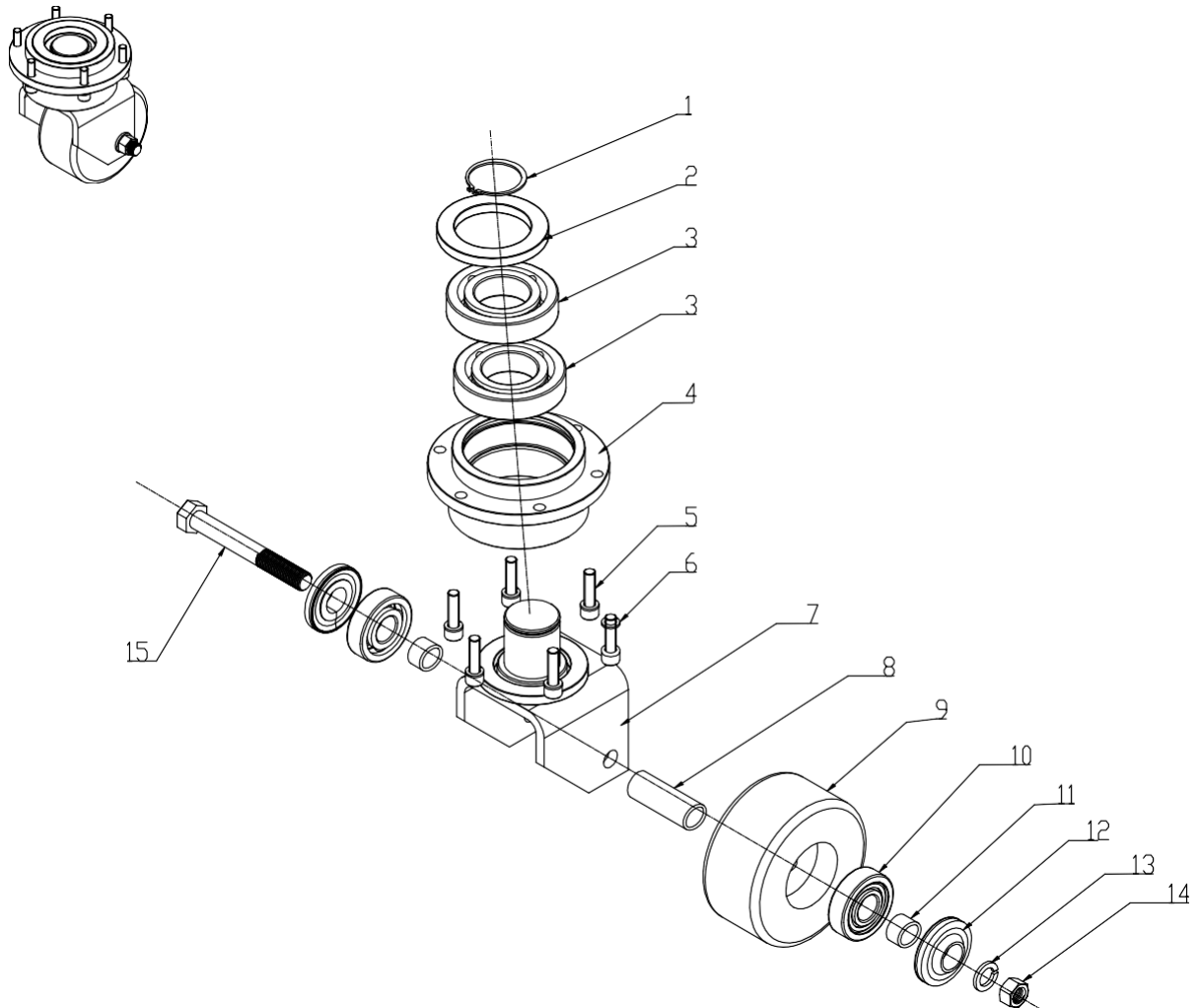
No.	Part Name	Qty	Remark
7-1	Handle	1	
7-2	Cylindrical Socket Head Cap Screw M8×20	1	
7-3	Cross Pan Head Screw M5×10	2	
7-4	Flat Washer Φ5	2	
7-5	Handle Enclosure	1	
7-6	Locking Nut M5	1	
7-7	Cylindrical Screw M5*18	1	
7-8	Cross Pan Head Screw M3*30	2	
7-9	Flat WasherΦ3	2	
7-10	Handle Enclosure	1	
7-11	Cross Pan Head Screw M6*10	2	
7-12	Micro Switch	1	
7-13	Nut M3	2	
7-14	Oil - free Bearing with Retaining Ring 18×20×17	2	
7-15	Locking NutM6	1	
7-16	Positioning Seat	1	
7-17	Fixed Handle Cushion Block	1	
7-18	Angle Sensor Assembly	1	
7-19	Steering Handle Bracket	1	
7-20	Cylindrical Socket - Head Cap Screw M10×120	1	
7-21	Connecting Shaft Φ18×105	1	
7-22	Gas Spring YQ20-74-198/3W	1	
7-23	Flat WsherΦ8	1	
7-24	Cylindrical Socket - Head Cap Screw M8*50	1	
7-25	Handle Welded Assembly	1	

5. Battery Cover Assembly Diagram



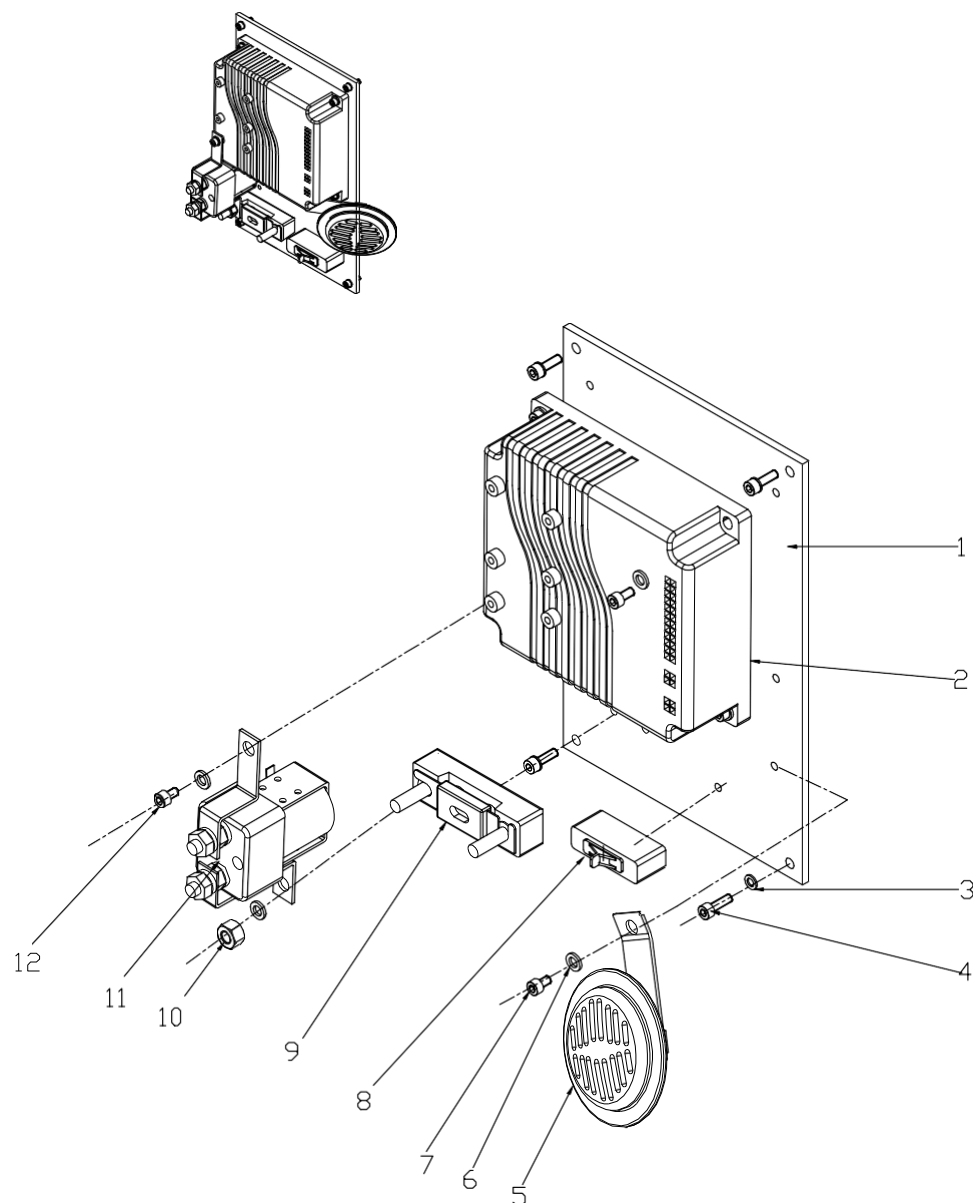
No.	Part Name	Qty	Remark
8-1	Battery Cover	1	
8-2	Magnet	2	
8-3	Cross Pan Head Screw M3×15	4	
8-4	Nut M3	4	

6. Balance Wheel Assembly Diagram



No.	Part Name	Qty	Remark
9-1	Shaft Spring Retaining Ring 40	2	
9-2	Seal Ring 55*80*8	2	
9-3	Deep Groove Ball Bearing 6208-2RS	4	
9-4	Balance Wheel Bearing Sleeve	2	
9-5	Hexagon Socket Head Cap Screw M8*25	12	
9-6	Spring Washer 8	12	
9-7	Balance Wheel Support Plate	2	
9-8	Bush ng	2	
9-9	Wheel	2	
9-10	Deep Groove Ball Bearing 6208-2RS	4	
9-11	Bush ng	4	
9-12	Balance Wheel Cover	4	
9-13	Flat Washer Φ 12	2	
9-14	Nut M ₁₂	2	
9-15	Hexagon Bolt M12×117	2	

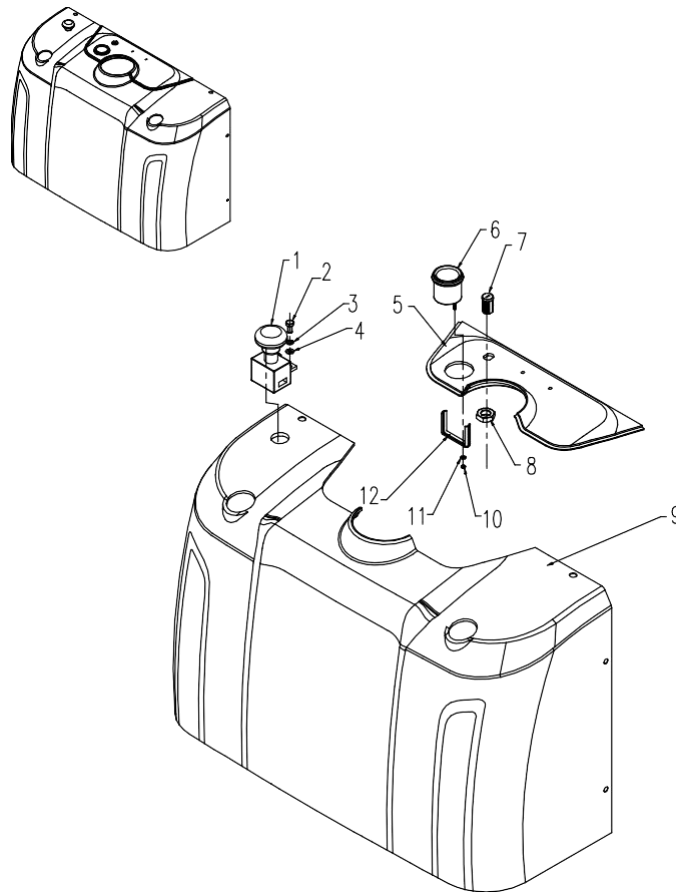
7.Mechanical Steering Electronic Control Assembly Diagram



No.	Part Name	Qty	Remark
10-1	Electronic Control Aluminum Plate	1	
10-2	Control Electronics	1	
10-3	Spring Washer $\Phi 6$	4	
10-4	Cylindrical Socket Head Cap Screw M6×20	4	
10-5	Horn	1	

10-6	Flat WasherΦ5	6	
10-7	Cylindrical Socket Head Cap Screw M5*10	1	
10-8	Fuse	1	
10-9	Fuse Holder	1	
10-10	Nut M8	1	
10-11	Con ac o	1	
10-12	Cylindrical Socket Head Cap Screw M5*15	1	

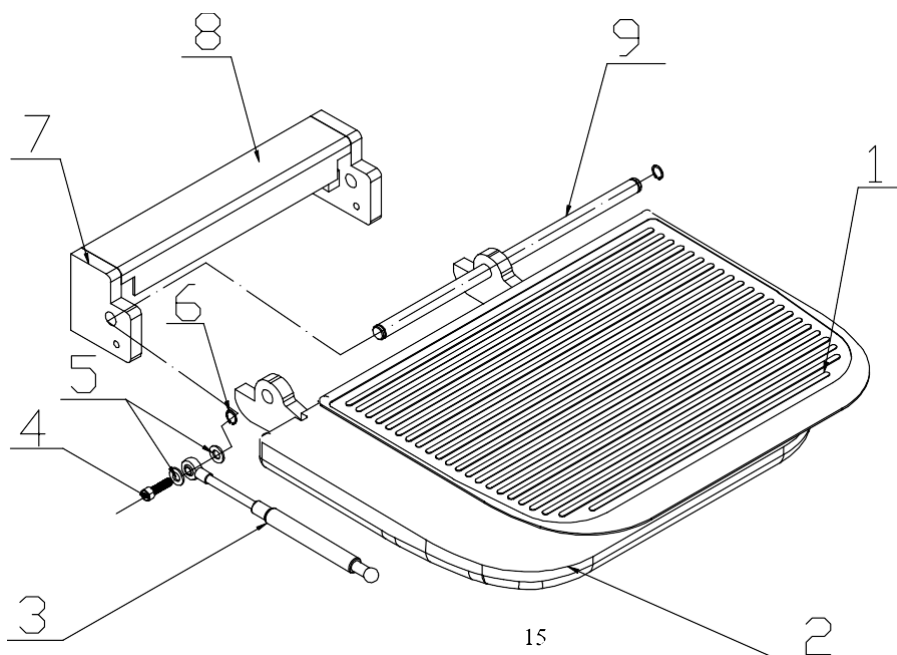
8.Control Machine Cover Assembly Diagram



No.	Part Name	Qty	Remark
12-1	Emergency Stop Switch ZDK31-250	1	
12-2	Hexagon Bolt M8×16 (Comes with the Switch)	2	
12-3	Spring Washer Φ8	2	
12-4	Flat Washer Φ8	2	
12-5	Electronic Control Cover	1	
12-6	Vo me e	1	

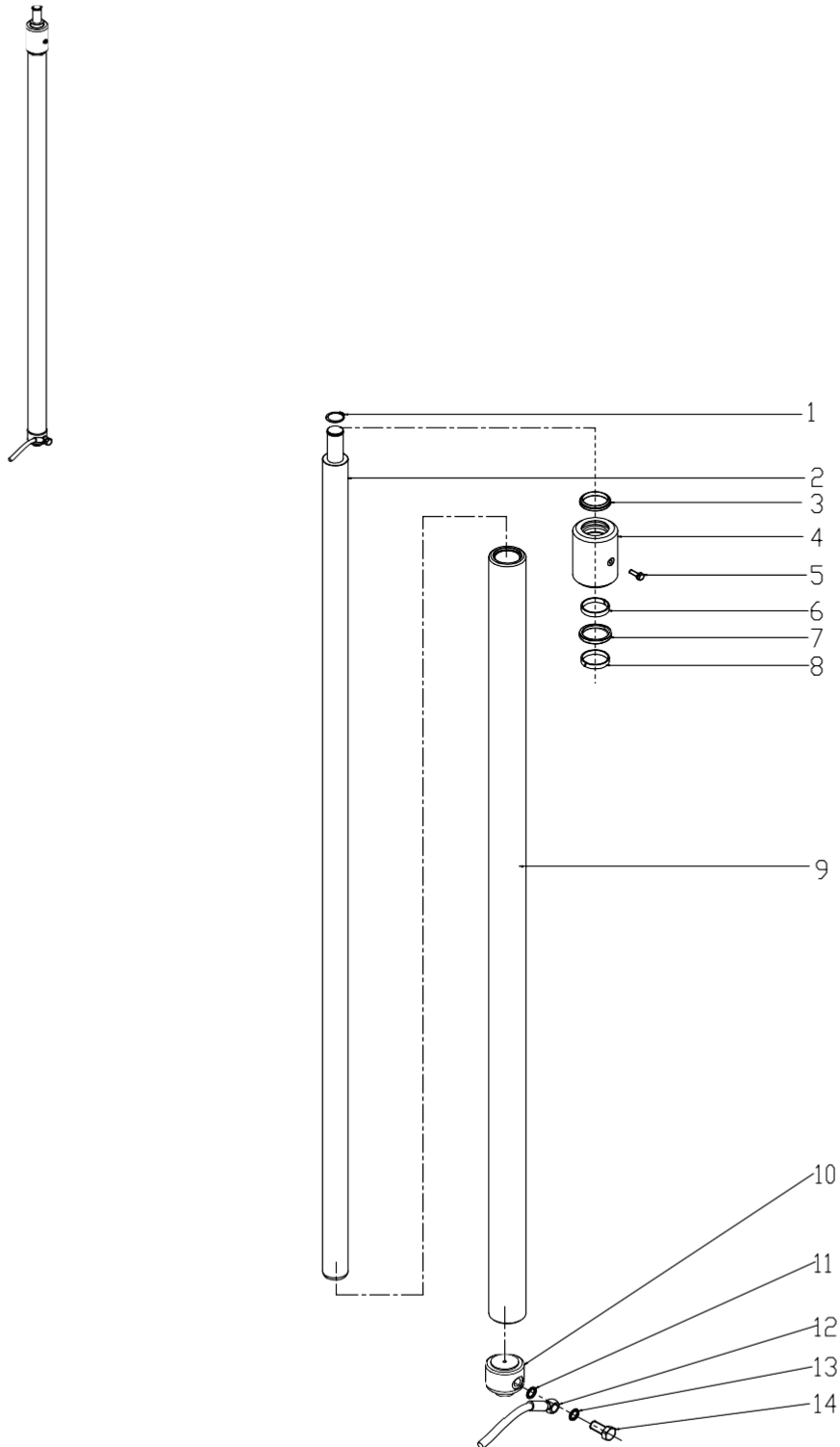
12-7	Electric Lock	1	
12-8	Hexagon Nut M20×1.5	1	
12-9	Machine Cover	1	
12-10	Nut M4	2	
12-11	Flat WasherΦ4	2	
12-12	Barrier Strip	1	

9. Foot Pedal Assembly Diagram



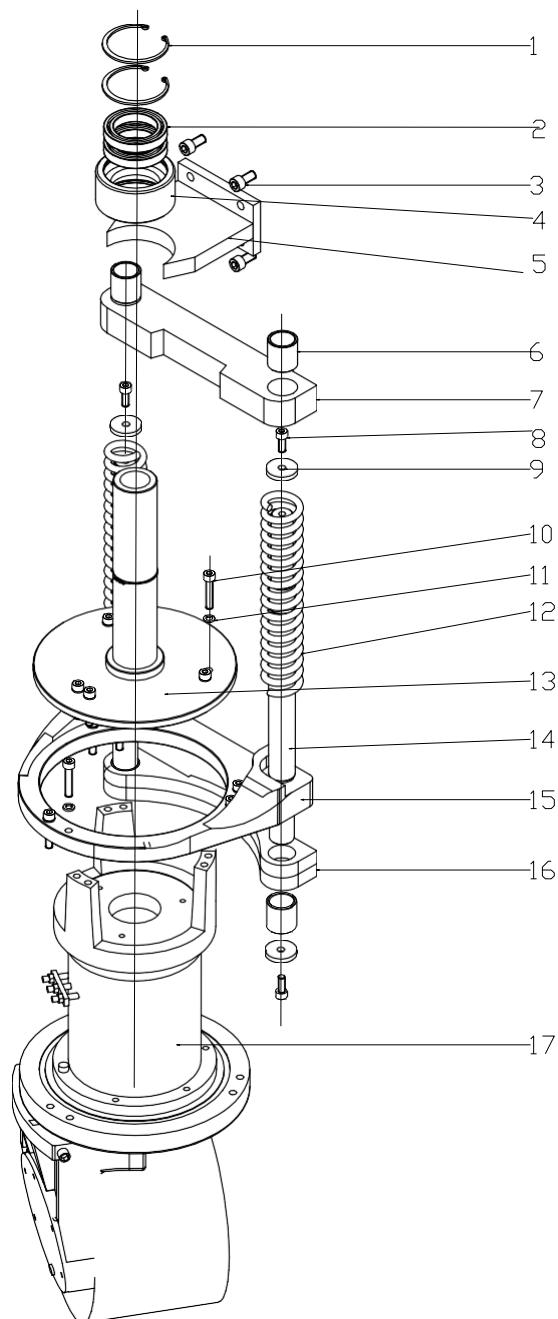
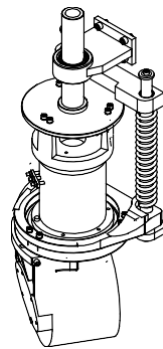
No.	Part Name	Qty	Remark
13-1	Foot Pedal Pad	1	
13-2	Lower Foot Pedal Plate	1	
13-3	Gas Spring YQ16 - 80 - 263/7W	1	
13-4	Hexagon Socket Head Cap Screw M8×35	1	
13-5	Flat Wsher Φ8	2	
13-6	Shaft Spring Retaining Ring 16	2	
13-7	Foot Pedal Hinge	2	
13-8	Foot Pedal Shaft Cover	1	
13-9	Foot Pedal Shaft	1	

10.Oil Cylinder Assembly Diagram(Double Cylinder)



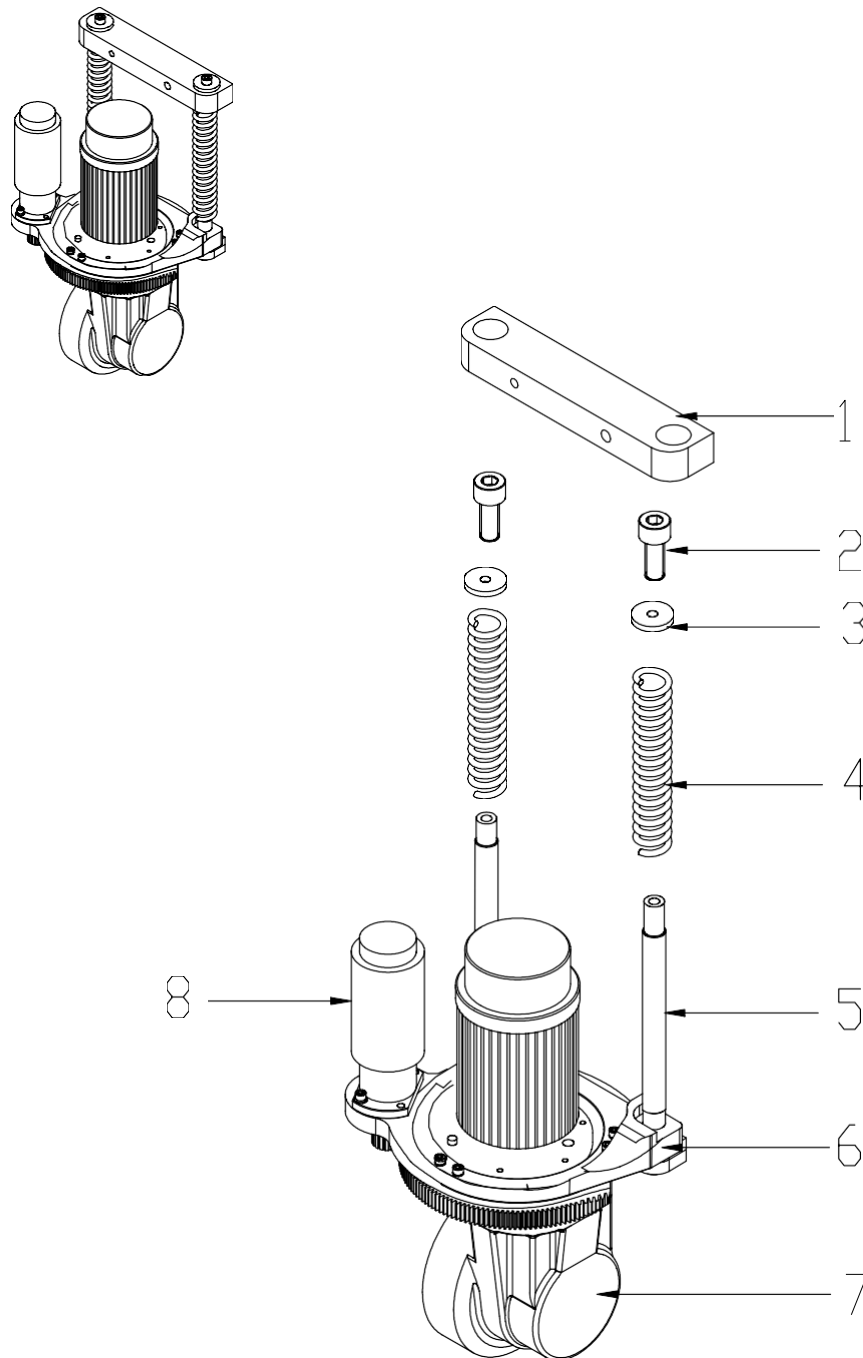
No.	Part Name	Qty	Remark
15-1	Shaft Snap Ring 25	2	
15-2	Piston Rod $\Phi 40$	2	
15-3	Dust Seal DH40 $\times$ 48 $\times$ 5	2	
15-4	Guide Bush	2	
15-5	Combination Screw M5 $\times$ 10	2	
15-6	Wear - resistant Strip 8 $\times$ 2	2	
15-7	Seal Ring UHS40 $\times$ 50 $\times$ 5/6	2	
15-8	Wear-resistant Strip 8 $\times$ 2	2	
15-9	Oil Cylinder Outer Tube	2	
15-10	Oil Cylinder Base	2	
15-11	Sealing Gasket	2	
15-12	Oil Pipe	2	
15-13	Sealing Gasket	2	
15-14	Oil Pipe Locking Bolt	2	

11. Drive Wheel Mechanical Steering Assembly Diagram



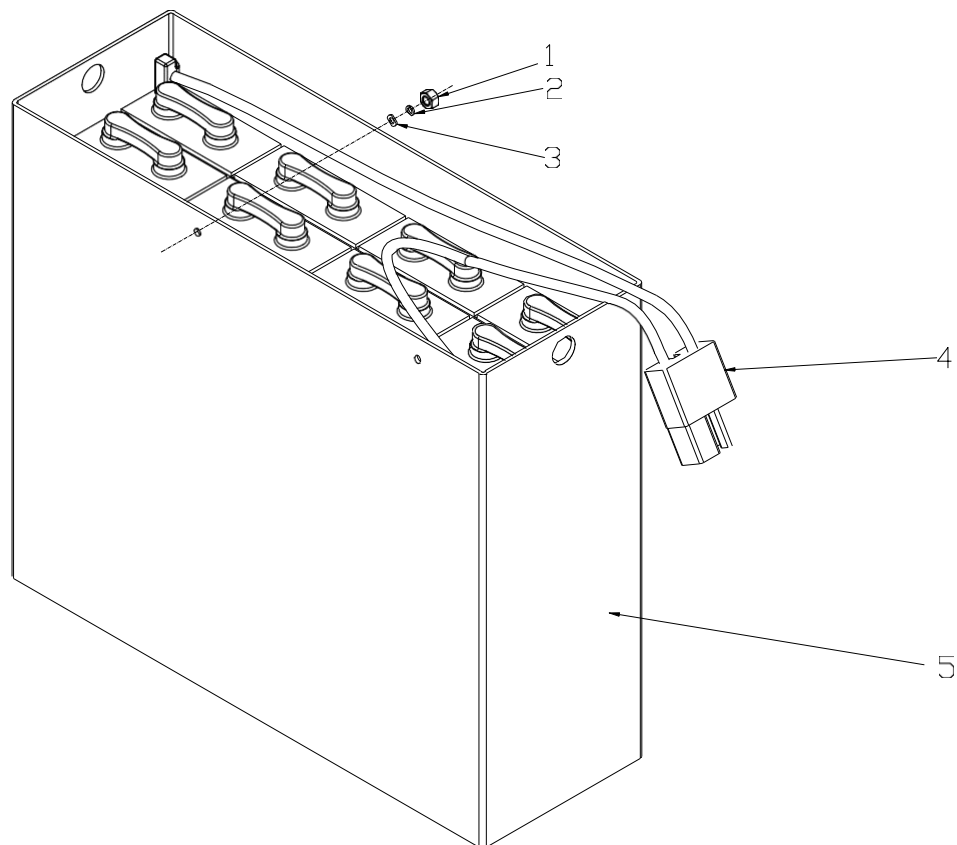
No.	Part Name	Qty	Remark
17-1	Hole - mounted Elastic Retaining Ring 72	2	
17-2	Bearing 6910Z	2	
17-3	Cylindrical Socket Head Cap Screw M10×30	4	
17-4	Steering Fixed Sleeve	1	
17-5	Steering Fixed Plate	1	
17-6	Sliding Bush	4	
17-7	Upper Interaction Block	1	
17-8	Cylindrical Socket Head Cap Screw M8×30	4	
17-9	Large Washer	4	
17-10	Cylindrical Socket - Head Cap Screw M8×25	6	
17-11	Spring Washer 8	12	
17-12	Shock - absorbing Spring	2	
17-13	Steering Shaft	1	
17-14	Interaction Block Column Guide Rod	2	
17-15	Driving Wheel Interaction Frame	1	
17-16	Lower Interaction Block	1	
17-17	Driving Wheel Assembly	1	

12. Drive Wheel Electronic Steering Assembly Diagram



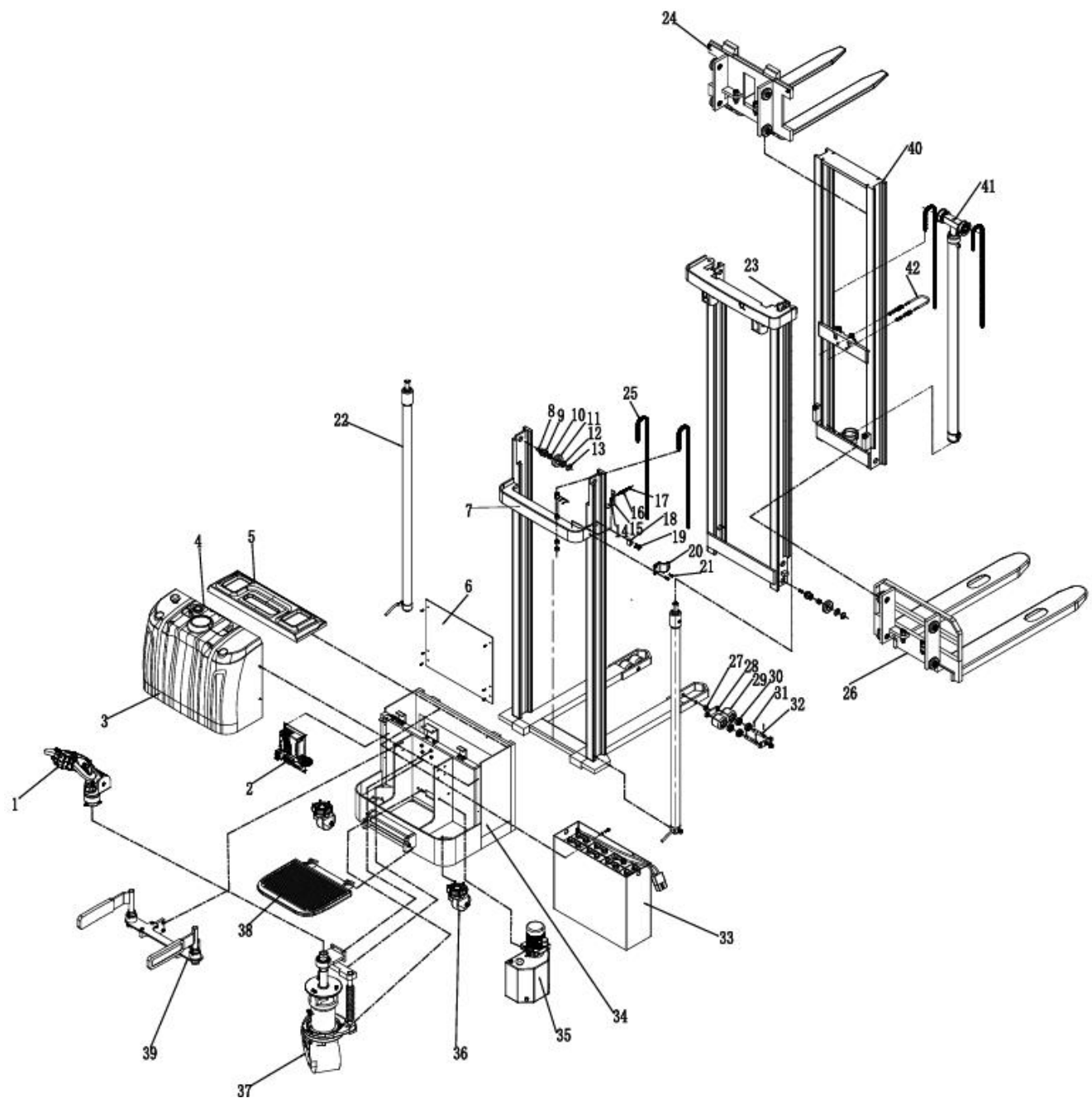
No.	Part Name	Qty	Remark
18-1	Upper Interaction Block	1	
18-2	Upper Interaction Block M8*30	2	
18-3	Large Washer	2	
18-4	Shock Absorbing Spring	2	
18-5	Interaction Block Column Guide Rod	2	
18-6	Drive Wheel Interaction Frame	1	
18-7	Drive Wheel Assembly	1	
18-8	Steering Motor	1	

13. Battery Assembly Diagram



No.	Part Name	Qty	Remark
19-1	Nut M8	1	
19-2	Spring WasherΦ8	1	
19-3	Flat WasherΦ8	1	
19-4	Charging Plug	1	
19-5	Battery	1	

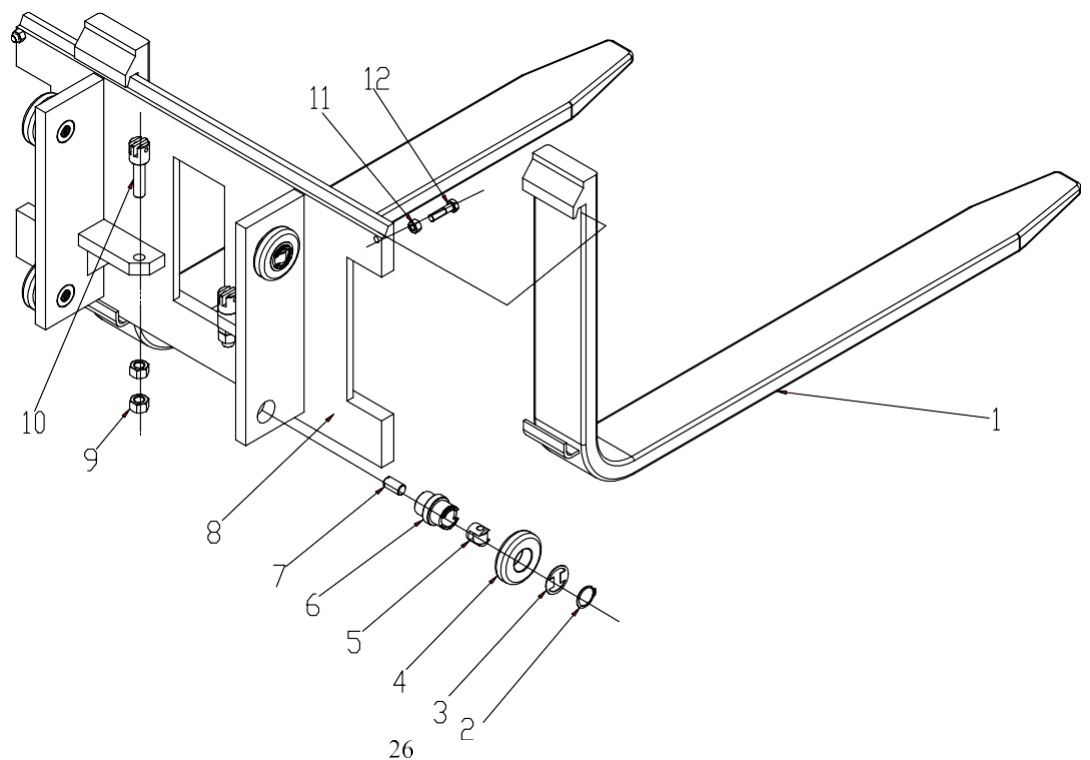
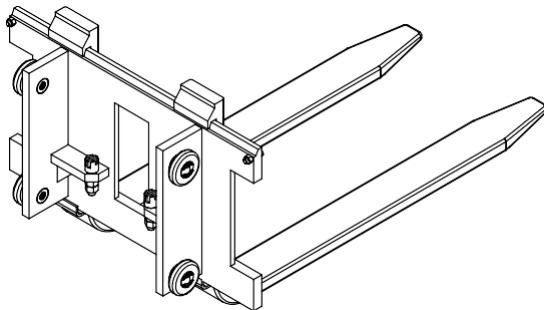
14. Double Cylinder Stacker Mechanical Steering Assembly Diagram



No.	Part Name	Qty	Remark
3-1	Operating Handle Assembly	1	
3-2	Controller Assembly	1	
3-3	Machine Cover	1	
3-4	Electric Control Machine Cover	1	
3-5	Battery Cover	1	
3-6	Protective Plexiglass	1	
3-7	Front Baby	1	
3-8	Cross - regulating Screw	4	
3-9	Guide Wheel Shaft	4	
3-10	Combined Roller	4	
3-11	Guide Wheel	4	
3-12	Adjusting Card	4	
3-13	Shaft Elastic Retaining Ring 35	4	
3-14	Cylindrical Socket Head Cap Screw	2	
3-15	Probe Fixing Plate	1	
3-16	Probe	1	
3-17	Probe Locking Nut	2	
3-18	Limit Block	2	
3-19	Flat Socket Head Cap Screw	4	
3-20	Side Oil Cylinder Clamp	2	
3-21	Cylindrical Socket Head Cap Screw	4	
3-22	Side Oil Cylinder Assembly	2	
3-23	Middle Gantry Assembly	1	
3-24	Forge Fork Lifting Plate Assembly	1	
3-25	Chain	2	
3-26	Fixed Fork Lifting Plate Assembly	1	
3-27	Oil-Free Bushing	4	
3-28	Front Wheel Clip	4	
3-29	Front Wheel	4	
3-30	Bearing	8	
3-31	Connecting Shaft Pin	8	
3-32	Connecting Shaft	4	
3-33	Battery Assembly	1	
3-34	Rear Body Assembly	1	
3-35	Hydraulic Unit Assembly	1	
3-36	Balance Wheel Assembly	2	
3-37	Mechanical Steering Drive Assembly	1	
3-38	Pedal Assembly	1	

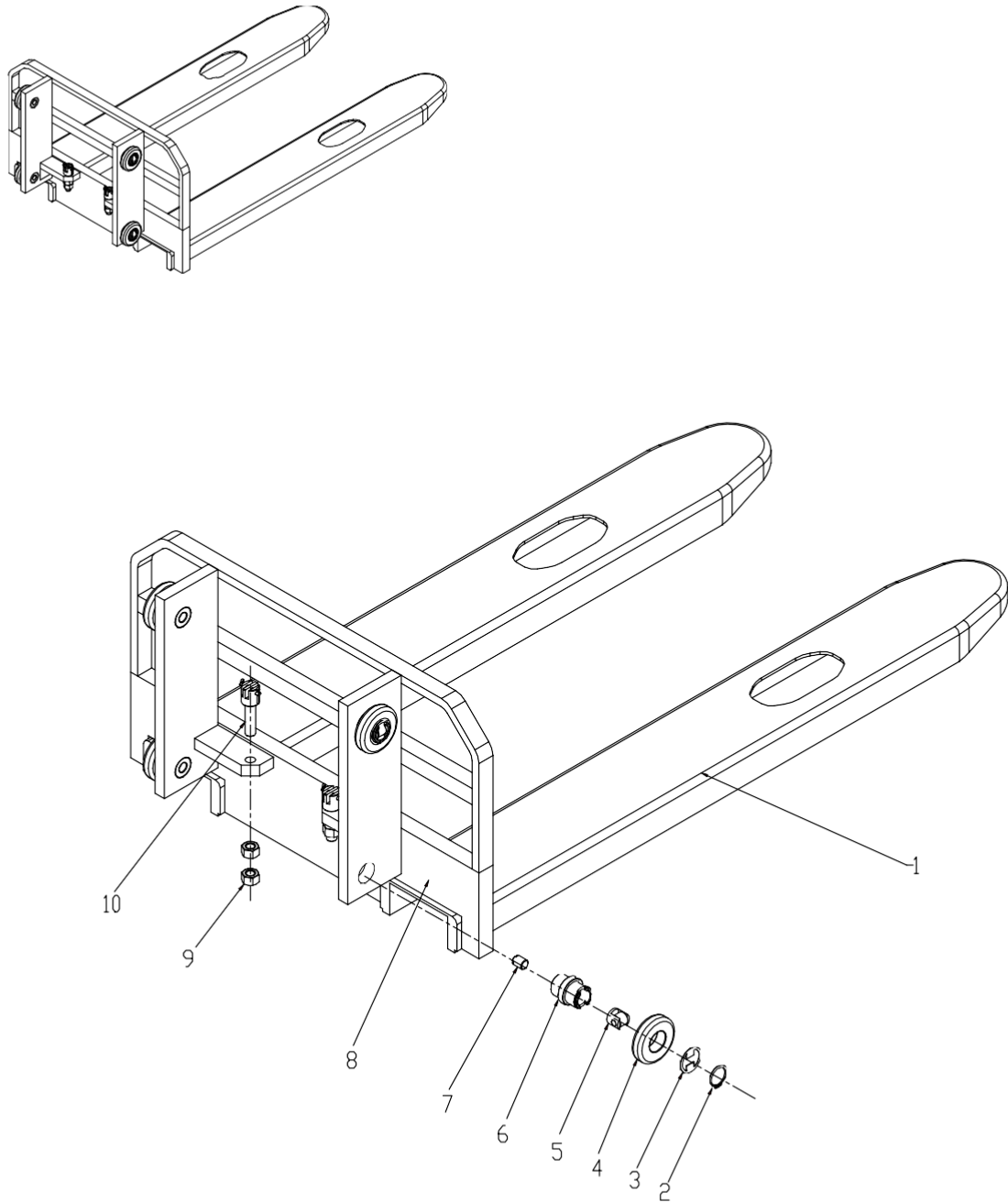
3-39	Protection Arm Assembly	1	
3-40	Inner Gantry Assembly	1	
3-41	Middle Oil Cylinder Assembly	1	
3-42	Middle Oil Cylinder Clamp	1	

15. Forged Fork Assembly Diagram



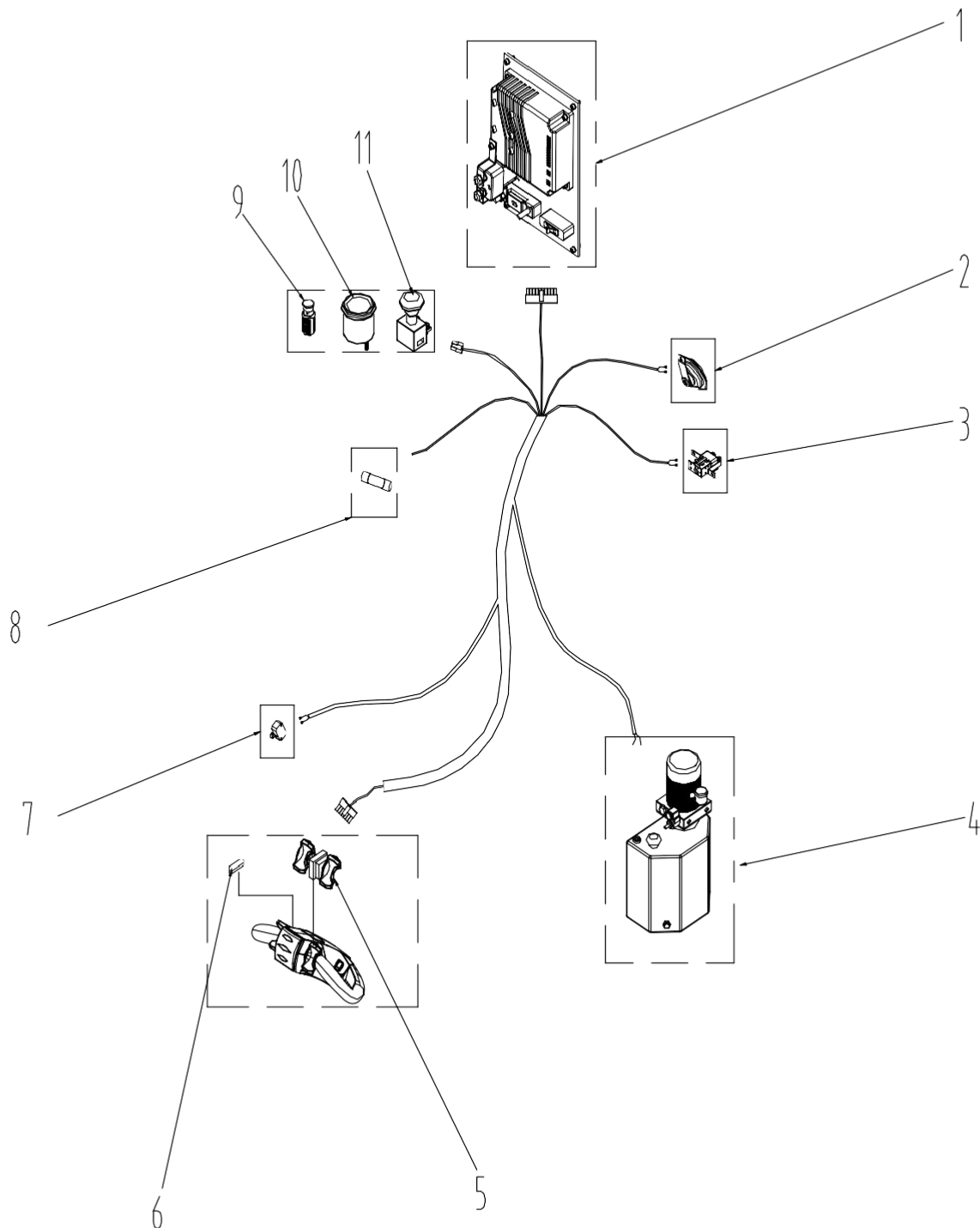
No.	Part Name	Qty	Remark
20-1	Forged Fork	2	
20-2	Shaft Elastic Retaining Ring 35	4	
20-3	Adjusting Card	4	
20-4	Guide Wheel NLO78.3	4	
20-5	Composite Roller	4	
20-6	Guide Wheel Shaft	4	
20-7	Cross - regulating Screw	4	
20-8	Lift Plate Assembly	1	
20-9	Nut M 6	4	
20-10	Chain Tie Rod	2	
20-11	Nut M10	2	
20-12	Bolt M10*40	2	

16.Fixed Fork Assembly Diagram



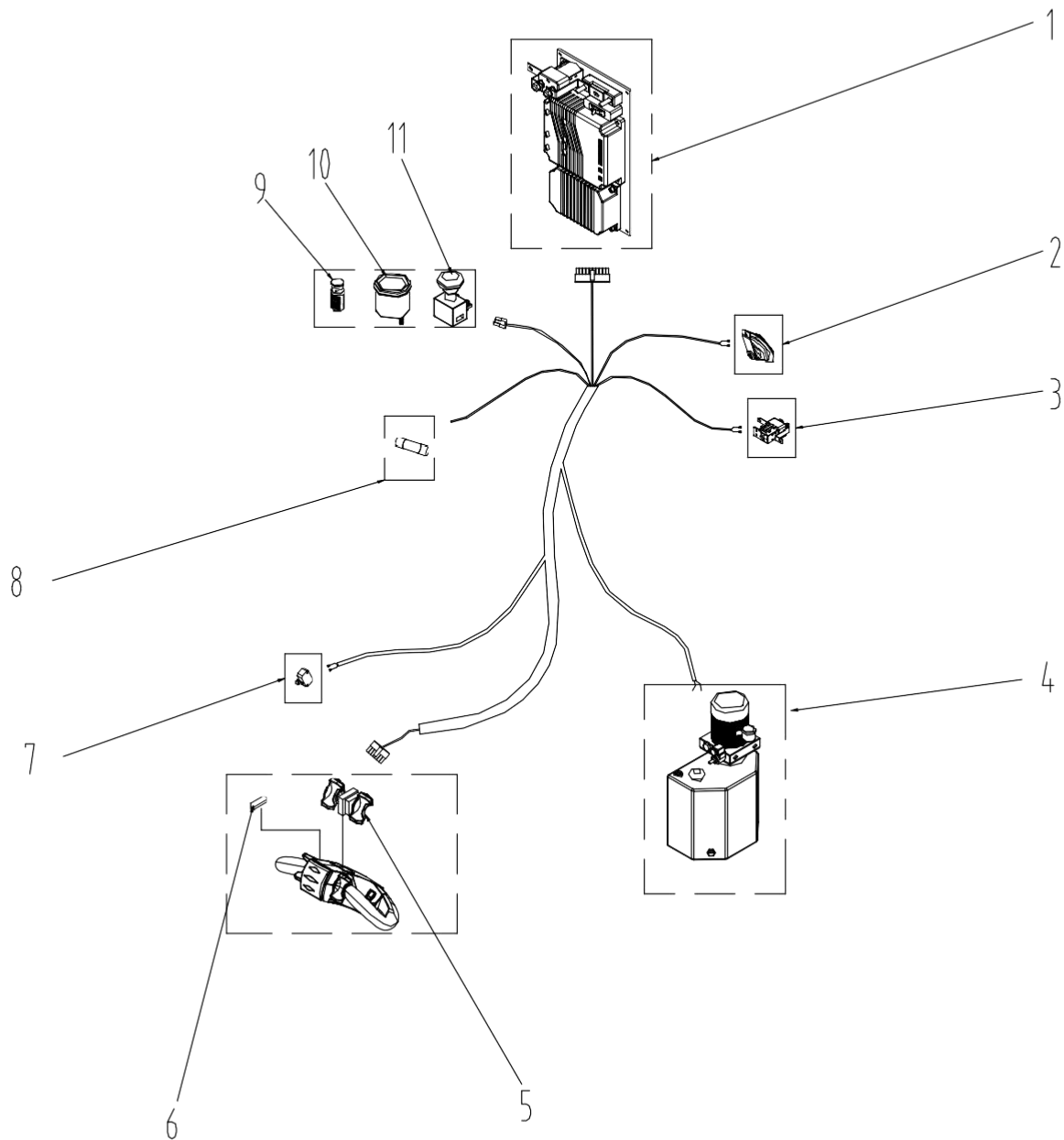
No.	Part Name	Qty	Remark
21-1	Fixed Fork	2	
21-2	Shaft Spring Retaining Ring 35	4	
21-3	Adjusting Card	4	
21-4	Guide Wheel NLO78,3	4	
21-5	Composite Roller	4	
21-6	Guide Wheel Shaft	4	
21-7	Cross - regulating Screw	4	
21-8	Lift Plate Assembly	1	
21-9	Nut M 6	4	
21-10	Chain Tie Rod	2	

17.Mechanical Steering Control System Assembly Diagram



No.	Part Name	Qty	Remark
22-1	Mechanical Steering Controller Assem	1	
22-2	Horn	1	
22-3	DC Contactor	1	
22-4	Double - cylinder Oil Pump 3.0KW	1	
22-5	Speed Encoder	1	
22-6	Button	2	
22-7	Micro Switch	4	
22-8	Fuse 10A	1	
22-9	Key Switch	1	
22-10	Voltage	1	
22-11	Emergency Stop Switch	1	ZDK31-2 50

18. Electronic Steering Control System Assembly Diagram



No.	Qty	Qty	Remark
23-1	Electronic Steering Controller Assembly	1	
23-2	Horn	1	
23-3	DC Contactor	1	
23-4	Double - cylinder Oil Pump 3.0KW	1	
23-5	Speed Encoder	1	
23-6	Button	2	
23-7	Micro Switch	4	
23-8	Fuse 0A	1	
23-9	Key Switch	1	
23-10	Vo me e	1	
23-11	Emergency Stop Switch	1	ZDK31-250