



HS RP *Series*

**Mobile elevating
work platform**

HS1418RP

HS1218RP

Parts manual

HANGCHA GROUP CO., LTD.

Mar, 2025

Foreword

Dear customers, thank you very much for your purchase of the XEN series Self-propelled elevating work platform of HANGCHA Group. Before you order accessories, please confirm the following conditions:

- 1、 Which model does the parts you want to order belong to.
- 2、 Locate the page number of the corresponding part or system in the catalog.
- 3、 Find the serial number of the corresponding part in the figure on the page number, and find the code and name of the part in the table.
- 4、 In addition to the above information, we need to be informed of the corresponding quantity.

The legends and tables included in this manual are the latest versions at the time of preparation.

Due to the continuous update of products and technologies, the company reserves the right to update technical parameters and relevant information without prior notice.

Revision history

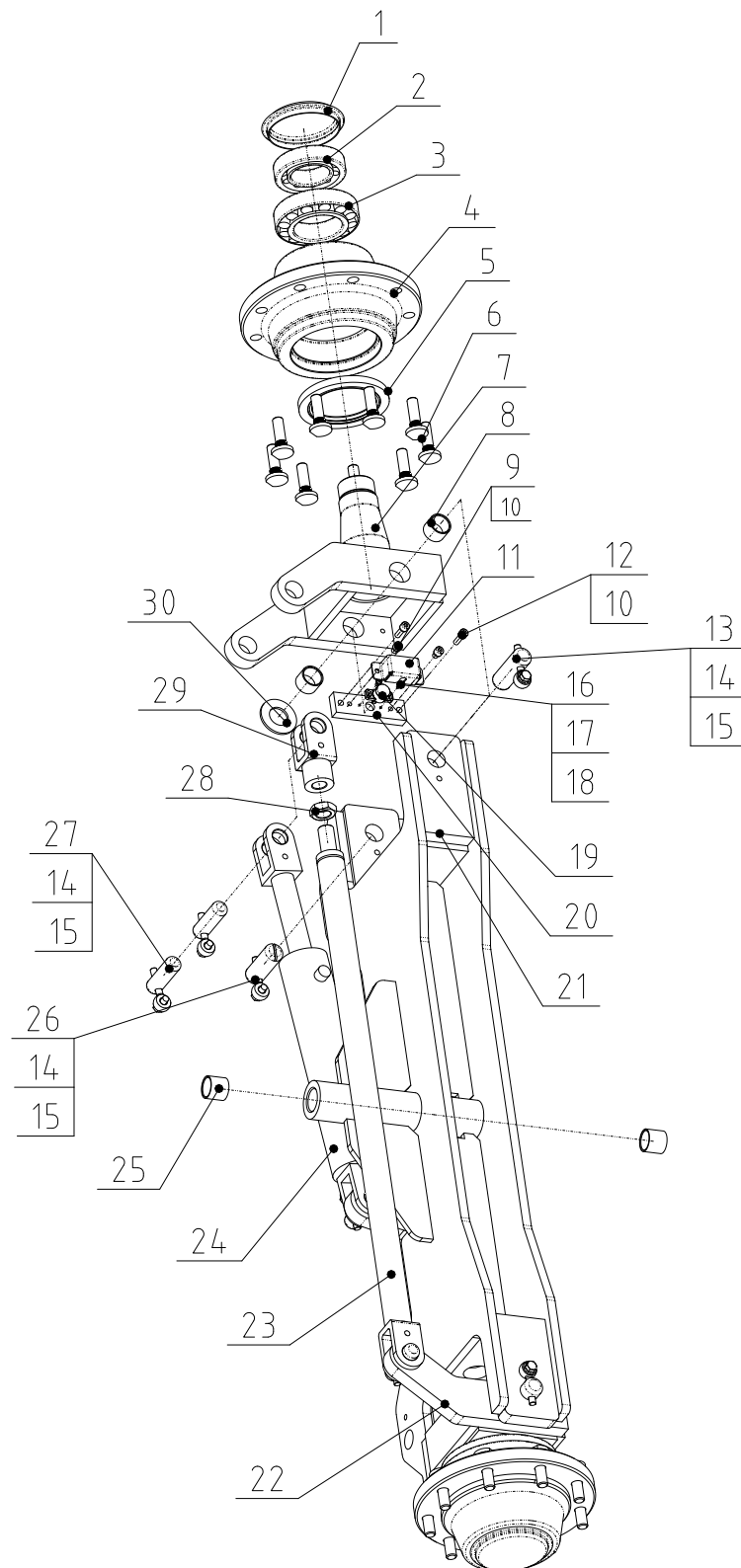
Date	Chapter	Description
2025.03		First edition

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1 Chassis assembly

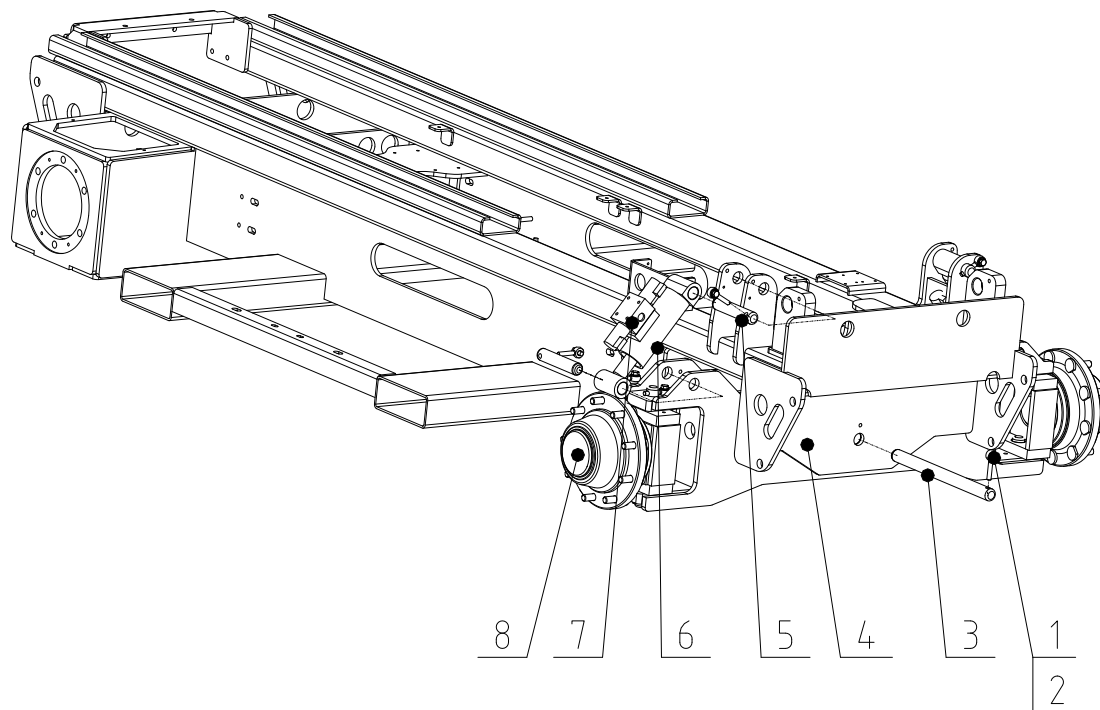
1.1 Front axle components



1.1 Front axle components

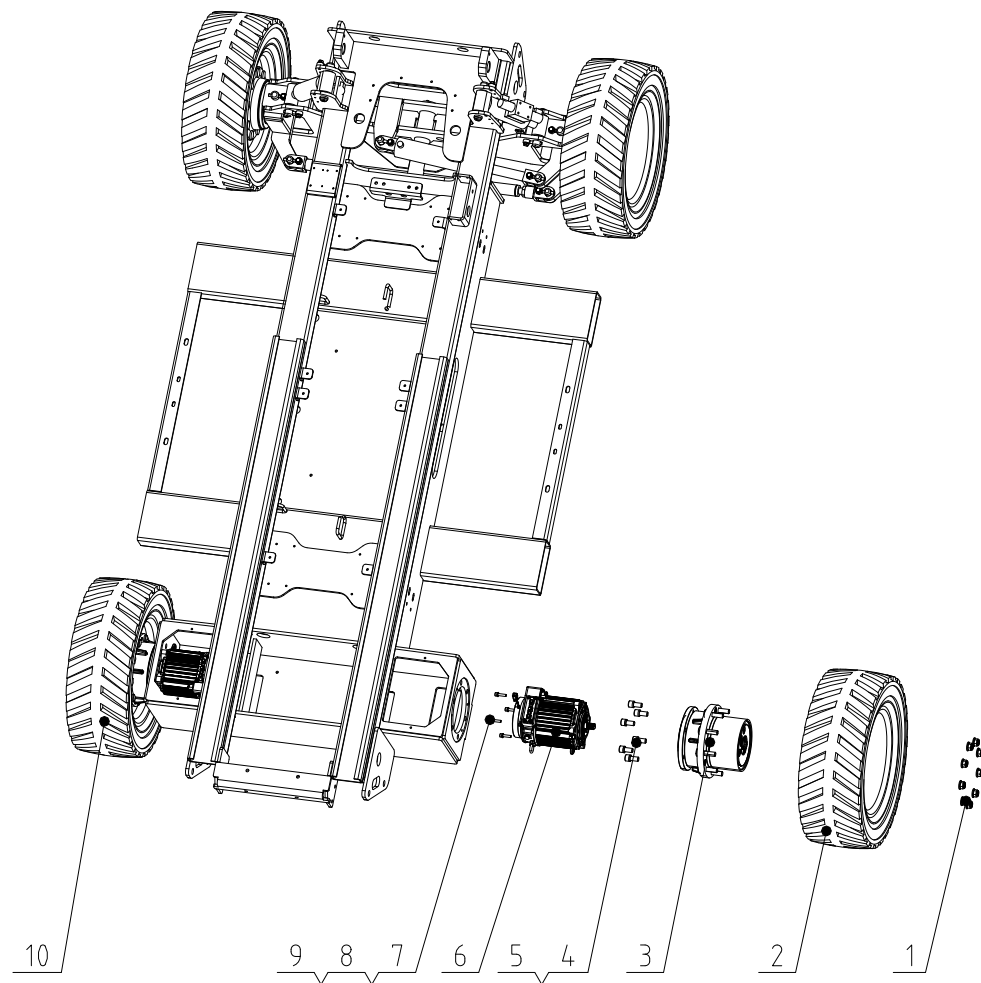
Item No.	Material code	Description	Qty	Remark
1	X700-220006-000	End cap	2	
2	32212-GB/T 297	Rolling bearings	2	
3	32215-GB/T 297	Rolling bearings	2	
4	HS1418RPI-210600-000	Wheel hub	2	
5	HG40692-100014012-01	oil seal	2	
6	GTHZ170C-210001-000	Hub bolts	16	
7	HS1418RPI-210300-000	Right steering knuckle weldment	1	
8	CT-503025-G00	Fiber bushing	5	
9	GB/T70.1-M8*12	Screw M8×12	2	
10	GB/T93-8	Washer 8	4	
11	HS1418RPI-200005-000	Steering sensor cover	1	
12	GB/T70.1-M8*25	Screw M8×25	2	
13	HS1418RPI-210001-000	Pin 3085	3	
14	HS1418RPI-210006-000	Pin 10060	8	
15	GB/T5789 M10×20	Bolt M10×20	8	
16	GB/T70.1-M4*14	Screw M4×14	2	
17	GB/T93-4	Washer 4	2	
18	GB/T97-4	Washer 4	2	
19	60XEND-741200-G01	Potentiometer	1	
20	HS1418RPI-200004-000	Steering sensor mounting base	1	
21	HS1418RPI-210100-000	Front axle weldment	1	
22	HS1418RPI-210200-000	Left steering knuckle weldmen	1	
23	HS1418RPI-210400-000	Steering rod	1	
24	HS1418RPI-620300-000	Steering cylinder	1	
25	CT-503030-G00	Fiber bushing	2	
26	HS1418RPI-210004-000	Pin 2580	4	
27	HS1418RPI-210002-000	Steering sensor Pin	1	
28	G006173-000024-03	Nut M24	1	
29	HS1418RPI-210500-000	Connecting base	1	
30	HS1418RPI-210003-000	Steering washer	2	

1.2 Floating cylinder components



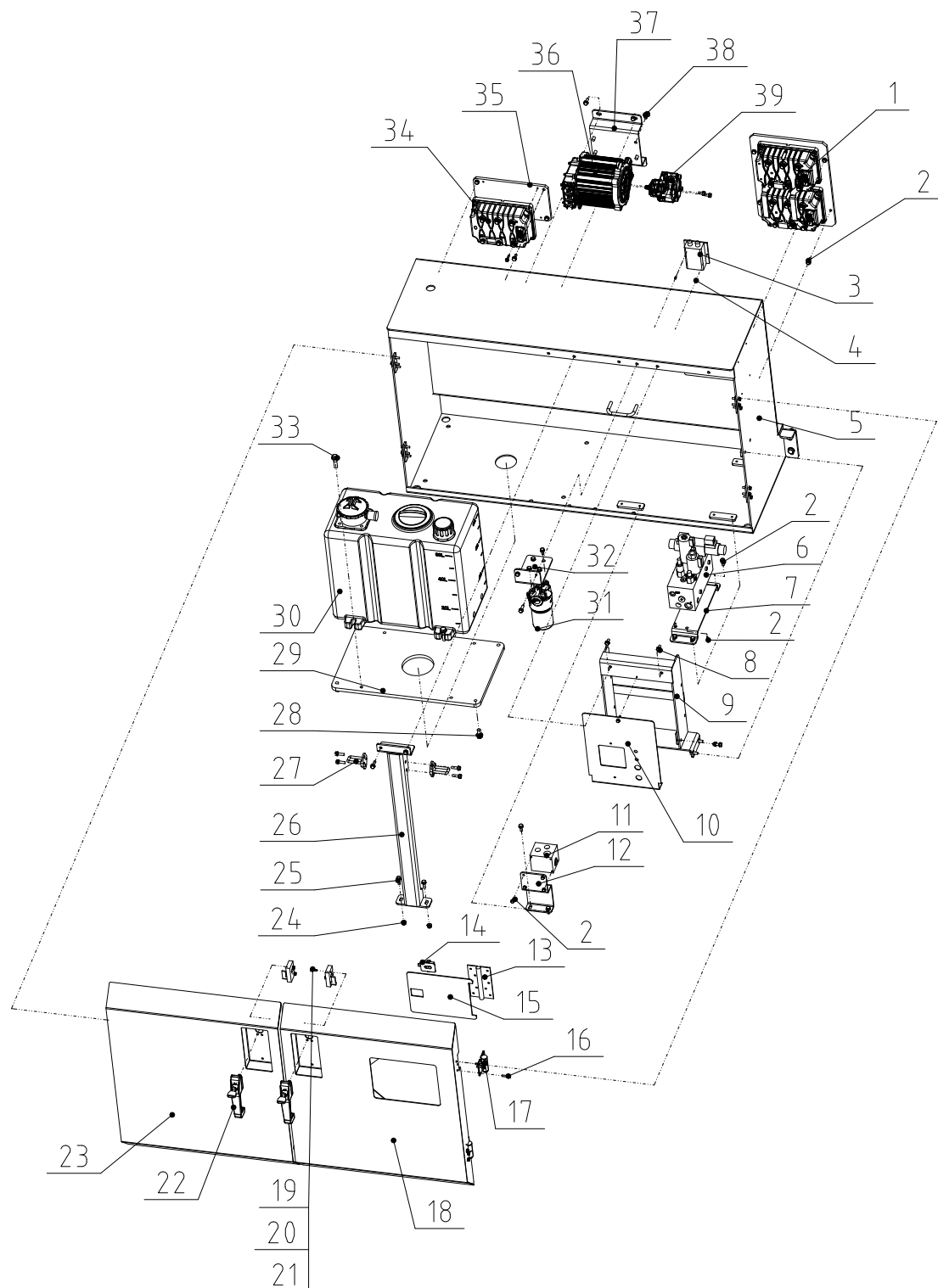
Item No.	Material code	Description	Qty	Remark
1	GTHZ210C-200006-000	Pin 10060	5	
2	GB/T 5789 M10×20	Bolt M10×20	5	
3	HS1418RPI-200001-000	Pin 30350	1	
4	HS1418RPI-410000-000	Frame welding parts	1	
5	HS1418RPI-200003-000	Pin 30140	4	
6	HS1418RPI-620400-000	Floating cylinder	2	
7	HS1823RPI-640400-001	Axle floating valve	2	Refer to Figure 4.7
8	HS1418RPI-210000-000	Front axle components	1	

1.3 Motor、Reducer、Tire



Item No.	Material code	Description	Qty	Remark
1	HZ120P-110002-000	Tire nut	36	
2	GTHZ210C-110000-G00	Right tire	2	
3	HS1823RPI-130000-G00	Reducer	2	
4	GB/T 93 16	Washer 16	12	
5	GB/T 70.1 M16×35	Screw M16×35	12	
6	HS1416TPI-710100-G00	Travelling motor	2	
7	GB/T 5789 M8×35	Bolt M8×35	8	
8	GB/T 93 8	Washer 8	8	
9	GB/T 97 8	Washer 8	8	
10	GTHZ210C-120000-G00	Left tire	2	

1.4 Left tray components

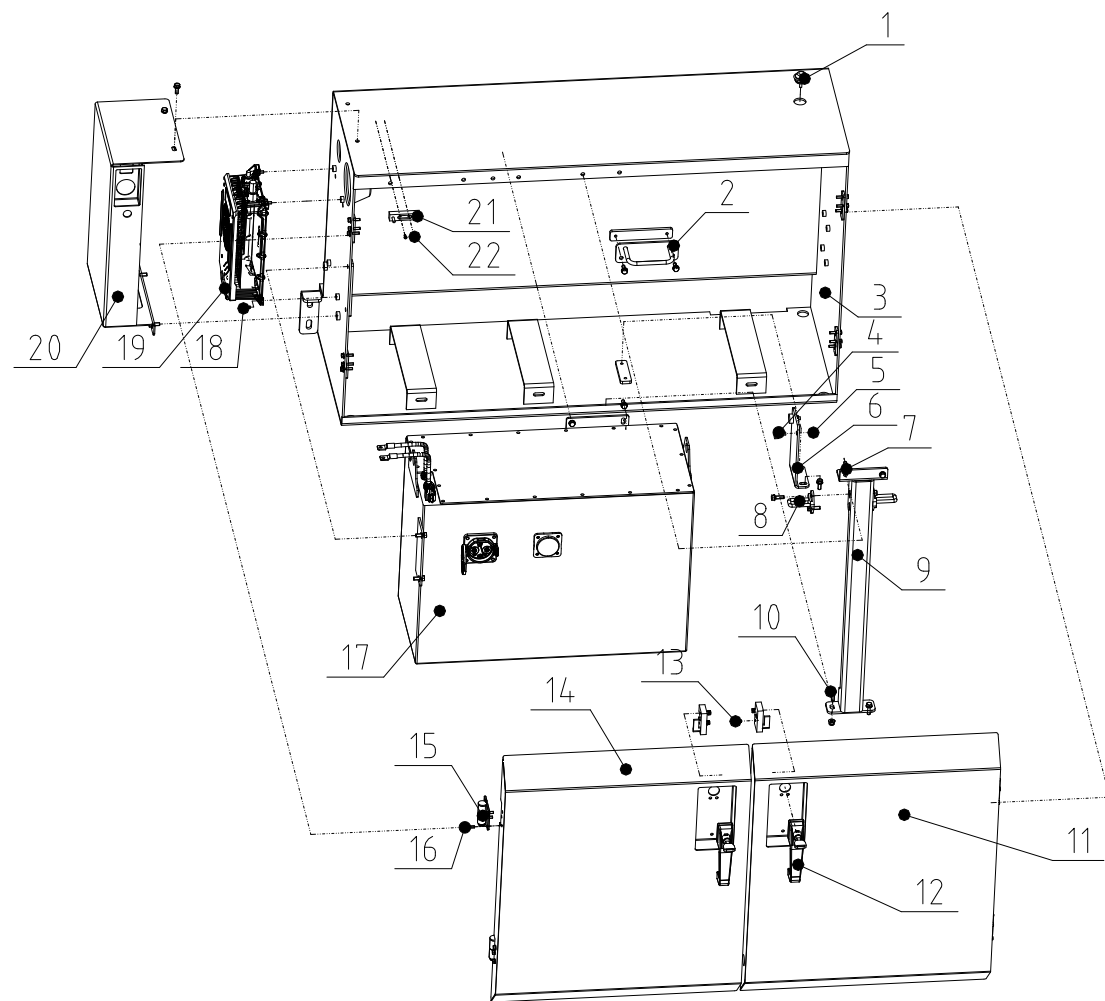


1.4 Left tray components

Item No.	Material code	Description	Qty	Remark
1	HS1823RPI-741000-G00	Counterweight weldment	1	Refer to Figure 5.5
2	GB/T 5789 M8×20	Bolt M8×20	24	
3	HZ210AI-751300-000	DC converter	1	
4	GB/T 70.1 M4×8	Screw M4×8	2	
5	HS1418RPI-420100-000	Left tray weldment	1	
6	HS1823RPI-640200-001	Lift control valve	1	Refer to Figure 4.6
7	HS1823RPI-420006-001	Lift valve bracket	1	
8	GB/T 5789 M8×16	Bolt M8×16	8	
9	HS1418RPI-420500-000	Support Weldment	1	
10	HS1823RPI-400400-000	Lower Control Panel Weldment	1	Refer to Figure 5.4
11	HS1823RPI-640100-001	Floating pressure reducing valve	1	Refer to Figure 4.5
12	HS1823RPI-420007-001	Floating valve bracket	1	
13	HS1823RPI-400010-000	Hinge	1	
14	HS1823RPI-400011-000	Latch	1	
15	HS1823RPI-420012-000	Cover plate	1	
16	GB/T 5789 M6×25	Bolt M6×25	28	
17	140XEN-800700-000	Hinge	4	
18	HS1418RPI-420300-000	Cover weldment B	1	
19	GB/T 5783 M6×20	Bolt M6×20	2	
20	GB97.1 6	Washer 6	2	
21	GB93 6	Washer 6	2	
22	140XEN-401000-G00	Handle	2	
23	HS1418RPI-420200-000	Cover weldment A	1	
24	GB/T 5783 M8×25	Bolt M8×25	12	
25	GB6183-86 M8	Nut M8	4	
26	HS1418RPI-420400-000	Support frame	1	
27	140XEN-4013000-G00	Retaining ring	2	
28	GB/T 5789 M12×25	Bolt M12×25	4	
29	HS1418RPI-420002-000	Backing plate	1	
30	GTHZ210C-610000-G00	Oil tank	1	
31	GTHZ210C-600501-G00	Filter	1	
32	HS1418RPI-420001-000	Filter bracket	1	
33	GB/T 5789 M12×25	Bolt M12×25	4	
34	HS1416TPI-740100-G00	Driver	1	

35	HS1823RPI-420011-000	Driver aluminum plate	1	
36	HS1416TPI-710200-G00	Pump motor	1	
37	HS1823RPI-420009-000	Pump motor bracket	1	
38	GB/T 5789 M10×20	Bolt M10×20	4	
39	XSD090-622000-000	Gear pump	1	

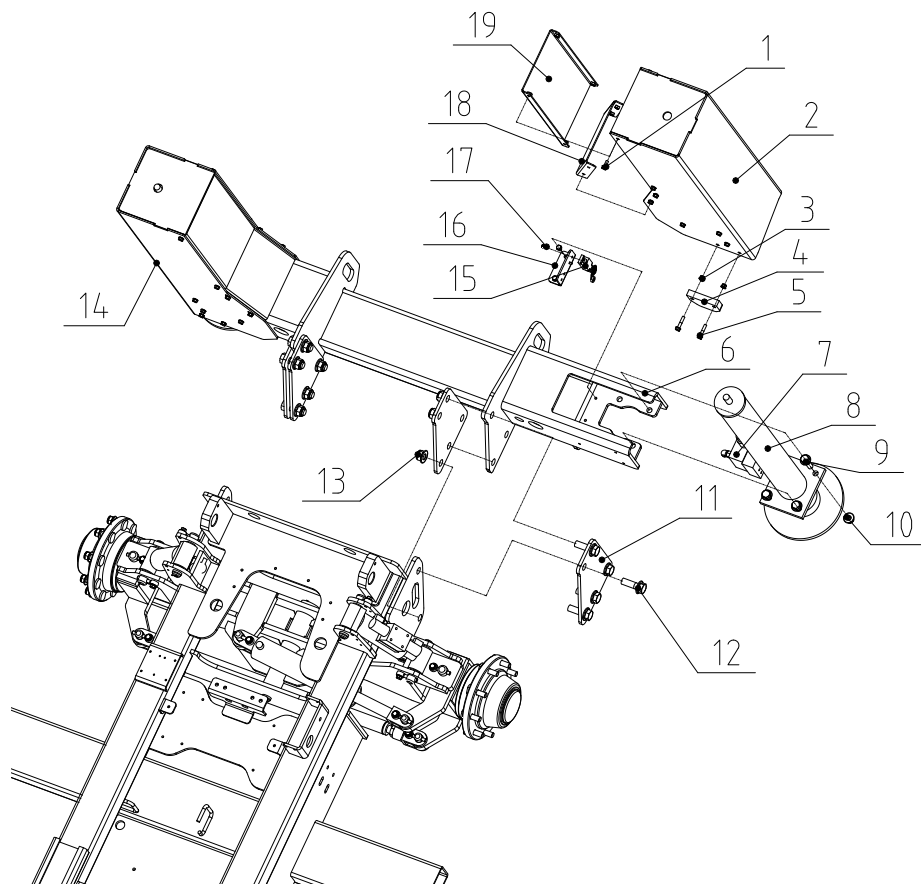
1.5 Right tray components



1.5 Right tray components

Item No.	Material code	Description	Qty	Remark
1	HS1823RPI-740200-G00	Light	1	
2	HS1418RPI-430300-000	Cable Routing Board	2	
3	HS1418RPI-430100-000	Right tray weldment	1	
4	78XEN-830004-000	Shock absorption block	2	
5	GB/T 6183 M8	Nut M8	8	
6	HS1823RPI-420004-000	Battery fixing plate B	1	
7	GB/T 5789 M8×20	Screw M8×20	16	
8	140XEN-401300-G00	Retaining ring	2	
9	HS1418RPI-420400-000	Support frame	1	
10	GB/T 5789 M8×25	Bolt M8×25	6	
11	HS1418RPI-430200-000	Cover weldment C	1	
12	140XEN-401000-G00	Handle	2	
13	GB/T 5783 M6×20	Bolt M6×20	4	
14	HS1418RPI-420200-000	Cover weldment A	1	
15	GB/T 5789 M6×25	Bolt M6×25	24	
16	140XEN-800700-000	Hinge	2	
17	HS1418RPI-760000-G00	battery	1	
18	GB/T 5789 M6×20	Bolt M6×20	4	
19	GTHZ210C-750700-G00	Charger	1	
20	HS1823RPI-420400-000	Charger cover hood	1	
21	78XEN-740400-G00	fuse	1	
22	GB/T 70.1 M4×10	Screw M4×10	2	

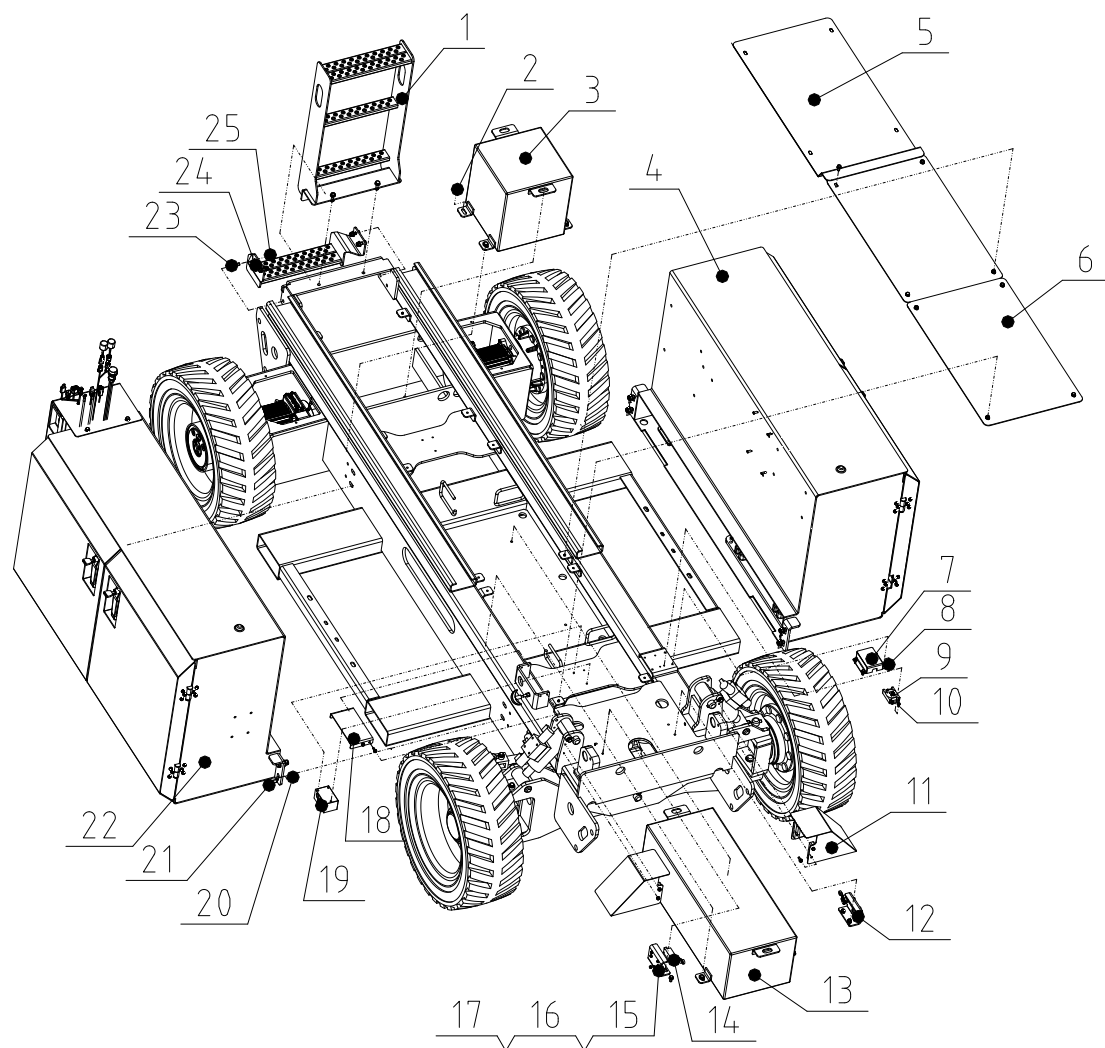
1.6 Outrigger components



1.6 Outrigger components

Item No.	Material code	Description	Qty	Remark
1	GB/T 5789 M8×20	Bolt M8×20	64	
2	HS1418RPI-450300-000	Right cover hood weldment	2	
3	GB/T 6183 M8	Nut M8	8	
4	HS1823RPI-450004-000	Shock absorption block	4	
5	GB/T 5789 M8×40	Bolt M8×40	8	
6	HS1418RPI-450100-000	Support frame	2	
7	HS1823RPI-640500-000	Support leg solenoid valve	4	Refer to Figure 4.8
8	HS1418RPI-620500-000	Outrigger cylinder	4	
9	HS1823RPI-450006-000	Special bolts	16	
10	GB/T 6170 M14	Nut M14	16	
11	HS1418RPI-450001-000	Connecting plate A	8	
12	GB/T 5789 M20×60	Bolt M20×60	20	
13	GB/T 6183 M20	Nut M20	20	
14	HS1418RPI-450200-000	Left cover hood weldment	2	
15	GTWZ110-750400-G00	Limit switch	4	
16	HS1823RPI-450003-000	Limit bracket plate	4	
17	GB/T 818 M5×16	Crosshead screw M5×16	8	
18	HS1418RPI-450500-000	Lower cover plate weldment	4	
19	HS1418RPI-450400-000	Upper cover plate weldment	4	

1.7 Frame and accessories components

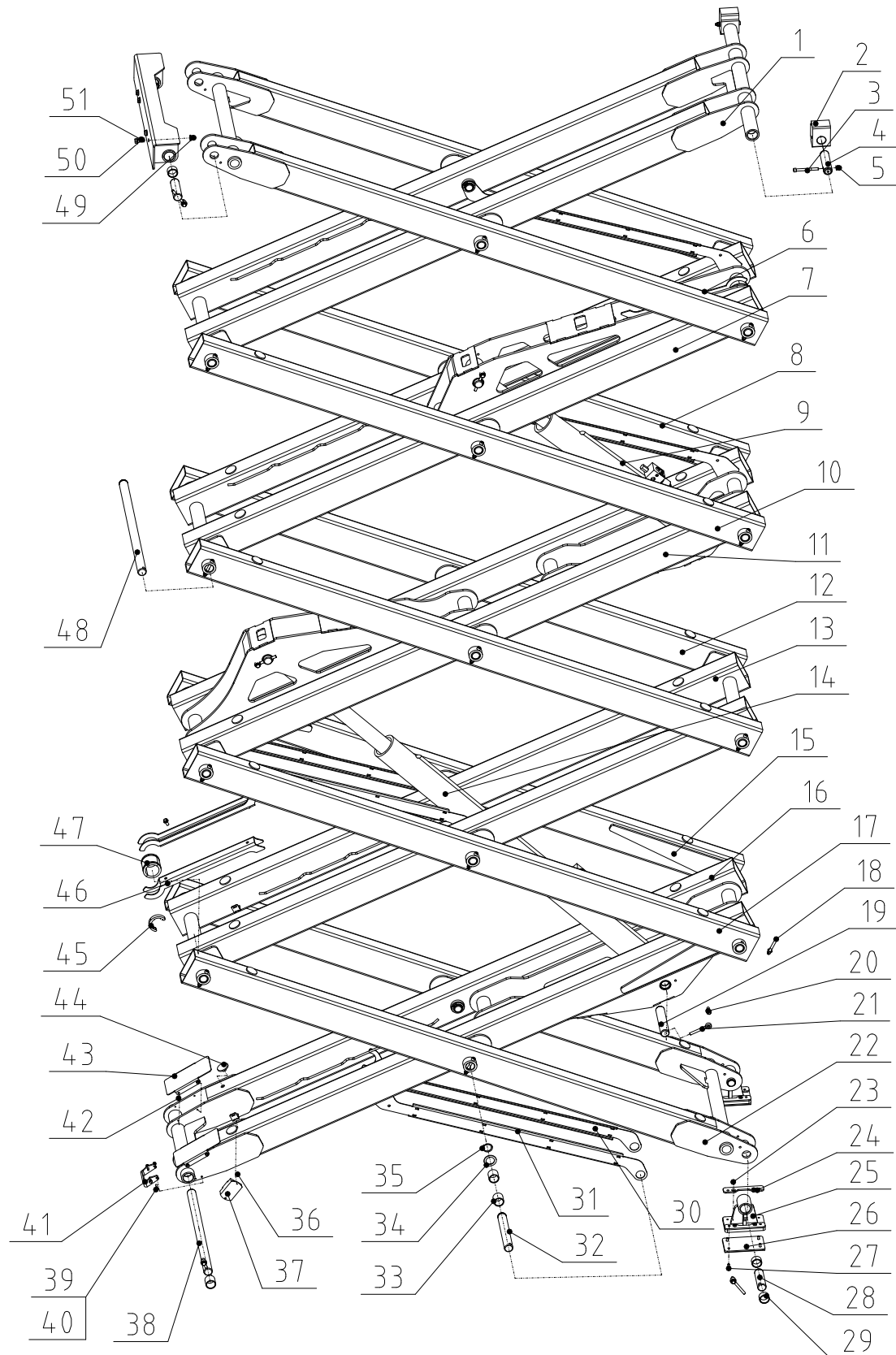


1.7 Frame and accessories components

Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-440100-000	Pedal welding parts	1	
2	GB/T 5789 M8×16	Bolt M8×16	22	
3	HS1418RPI-400400-000	Rear counterweight assembly	1	
4	HS1418RPI-420000-000	Left box assembly	1	
5	HS1418RPI-400008-000	Cover plate	1	
6	HS1418RPI-400001-000	Cover plate	2	
7	HS1823RPI-400100-000	Cover plate weldment A	1	
8	GB/T 5789 M6×16	Bolt M6×16	16	
9	HS1416TPI-740700-G00	Angle sensor	1	
10	GB/T 5789 M5×10	Bolt M5×10	5	
11	HS1418RPI-400500-000	Floating cover plate welding component	2	
12	HS1418RPI-400007-000	Limit bracket A	2	
13	HS1418RPI-400400-000	Rear counterweight assembly	1	
14	GTWZ110-750400-G00	Limit switch	2	
15	GB/T 97.1 5	Washer 5	8	
16	GB/T 93 5	Washer 5	8	
17	GB/T 818 M5×16	Crosshead screw M5×16	8	
18	HS1418RPI-400006-000	cover plate	1	
19	HS1416TPI-640300-000	Oil Collector Block	1	
20	GB/T 6183 M12	Nut M12	8	
21	GB/T 5789 M12×35	Bolt M12×35	8	
22	HS1418RPI-430000-000	Right box assembly	1	
23	GB/T 5789 M10×30	Bolt M10×30	8	
24	HS1418RPI-440200-000	Small pedal welding parts	1	
25	GB/T 6183 M10	Nut M10	8	

2 Scissors

2.1 Scissors assembly(HS1418RP)

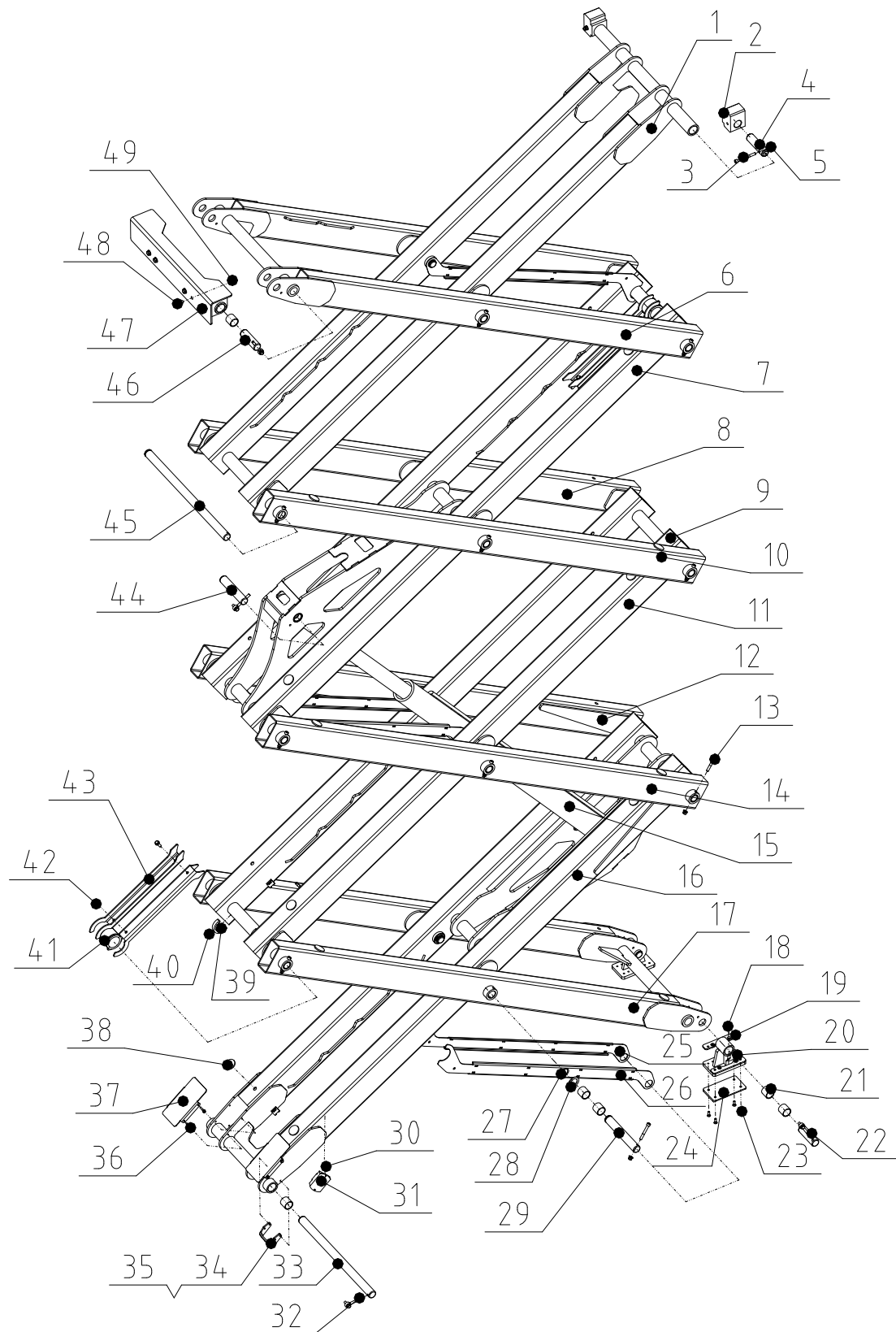


2.1 Scissors assembly

Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-910500-000	Inner bracket E	1	
2	140XEN-900003-000	Slider	2	
3	GB/T 70.3 M10×100	Screw M10×100	2	
4	140XEN-901006-000	Active shaft shoulder	2	
5	GB/T 6183 M10	Nut M10	22	
6	HS1418RPI-920200-000	Top outer bracket	1	
7	HS1418RPI-910400-000	Inner bracket D	1	
8	HS1418RPI-920600-000	Outer bracket D	1	
9	HS1418RPI-620200-000	Small lifting oil cylinder	1	Refer to Figure 4.4
10	HS1418RPI-920500-000	Outer bracket C	2	
11	HS1418RPI-910300-000	Inner bracket C	1	
12	HS1418RPI-920700-000	Outer bracket E	1	
13	HS1418RPI-910200-000	Inner bracket B	1	
14	HS1418RPI-620100-000	Large lifting oil cylinder	1	Refer to Figure 4.3
15	HS1418RPI-920400-000	Outer bracket B	1	
16	HS1418RPI-910100-000	Inner bracket A	1	
17	HS1418RPI-920300-000	Outer bracket A	1	
18	GB/T70.1-2008 M10×75	Screw M10×75	17	
19	HS1418RPI-901007-000	Pin	4	
20	GB/T 5789 M10×30	Bolt M10×30	13	
21	HB280PI-210007-000	Pin	9	
22	HS1418RPI-920100-000	Bottom external frame	1	
23	GB/T 70.3 M8×16	Screw M8×16	8	
24	HS1418RPI-900002-000	Slider	4	
25	HS1418RPI-900500-000	Support base	2	
26	HS1418RPI-900001-000	Slider	2	
27	GB/T 70.3 M8×25	Screw M8×25	8	
28	HS1418RPI-901004-000	Pin	4	
29	CT-513825-G00	Fiber bushing	4	
30	HS1418RPI-900201-000	Wiring channel A	4	
31	HS1418RPI-900202-000	Wiring channel B	2	
32	HS1418RPI-901002-000	Pin	8	
33	CT-513840-G00	Fiber bushing	32	
34	140XEN-300001-000	Thick gasket	16	
35	JB/ZQ 4342-2006	Clamp spring 38	17	

36	GB/T 9074.17 M4×12	Bolt M4×12	2	
37	78XEN-741200-G00	Height sensor	1	
38	HS1418RPI-901003-000	Pin	1	
39	GB/T 5789 M6×30	Bolt M6×30	8	
40	GB/T 6183 M6	Nut M6	8	
41	HS1418RPI-900003-000	Limit bracket	2	
42	GB/T 5789 M6×16	Bolt M6×16	8	
43	HS1418RPI-900004-000	Cover plate	2	
44	78XEN-830002-001	Rubber	32	
45	140XEN-900006-000	Stop collar	4	
46	140XEN-900101-000	Maintenance arm	4	
47	140XEN-900005-000	Plastic ring	4	
48	HS1418RPI-901001-000	Pin	9	
49	GB/T 6183 M12	Nut M12	4	
50	GB/T 5789 M12×30	Bolt M12×30	4	
51	HS1418RPI-900600-000	Fixed seat	1	

2.2 Scissors assembly(HS1218RP)



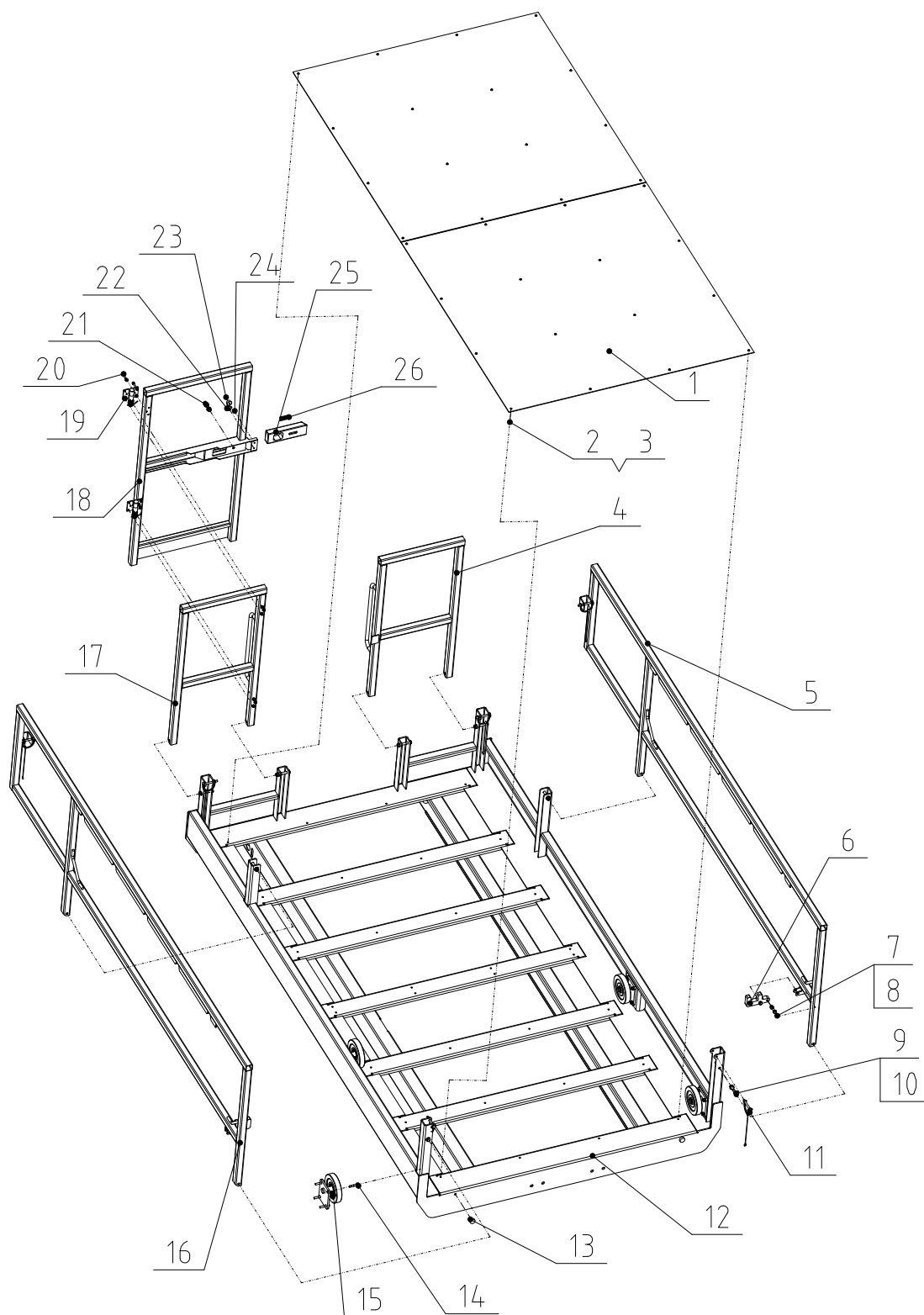
2.2 Scissors assembly

Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-910500-000	Inner bracket E	1	
2	140XEN-900003-000	Slider	2	
3	GB/T 70.3 M10×100	Screw M10×100	2	
4	140XEN-901006-000	Active shaft shoulder	2	
5	GB/T 6183 M10	Nut M10	22	
6	HS1418RPI-920200-000	Top outer bracket	1	
7	HS1218RPI-910300-000	Inner bracket C	1	
8	HS1418RPI-920700-000	Outer bracket E	1	
9	HS1418RPI-920500-000	Outer bracket C	2	
10	HS1418RPI-910200-000	Inner bracket B	1	
11	HS1418RPI-920400-000	Outer bracket B	1	
12	GB/T70.1-2008 M10×80	Screw M10×80	17	
13	HS1418RPI-920300-000	Outer bracket A	1	
14	HS1418RPI-620100-000	Large lifting oil cylinder	1	Refer to Figure 4.3
15	HS1418RPI-910100-000	Inner bracket A	1	
16	HS1418RPI-920100-000	Bottom external frame	1	
17	GB/T 70.3 M8×16	Screw M8×16	8	
18	HS1418RPI-900002-000	Slider	4	
19	HS1418RPI-900500-000	Support base	2	
20	CT-513825-G00	Fiber bushing	4	
21	HS1418RPI-901004-000	Pin	4	
22	GB/T 70.3 M8×25	Screw M8×25	8	
23	HS1418RPI-900001-000	Slider	2	
24	HS1418RPI-900201-000	Wiring channel A	3	
25	HS1418RPI-900202-000	Wiring channel B	2	
26	JB/ZQ 4342-2006	Clamp spring 38	11	
27	140XEN-300001-000	Thick gasket	11	
28	CT-513840-G00	Fiber bushing	32	
29	HS1418RPI-901002-000	Pin	6	
30	GB/T 9074.17 M4×12	Bolt M4×12	2	
31	78XEN-741200-G00	Height sensor	1	
32	HB280PI-210007-000	Pin	7	
33	HS1418RPI-901003-000	Pin	1	
34	HS1418RPI-900003-000	Limit bracket	2	
35	GB/T 5789 M6×30	Bolt M6×30	8	

36	GB/T 5789 M6×16	Bolt M6×16	8	
37	HS1418RPI-900004-000	Cover plate	2	
38	78XEN-830002-001	Rubber	24	
39	140XEN-900006-000	Stop collar	4	
40	GB/T 70.3 M6×16	Screw M6×16	5	
41	140XEN-900005-000	Plastic ring	4	
42	GB/T 5789 M10×30	Bolt M10×30	4	
43	140XEN-900101-000	Maintenance arm	4	
44	HS1418RPI-901007-000	Pin	2	
45	HS1418RPI-901001-000	Pin	7	
46	HS1418RPI-900600-000	Fixed seat	1	
47	GB/T 5789 M12×30	Bolt M12×30	4	
48	GB/T 6183 M12	Nut M12	4	

3 Platform

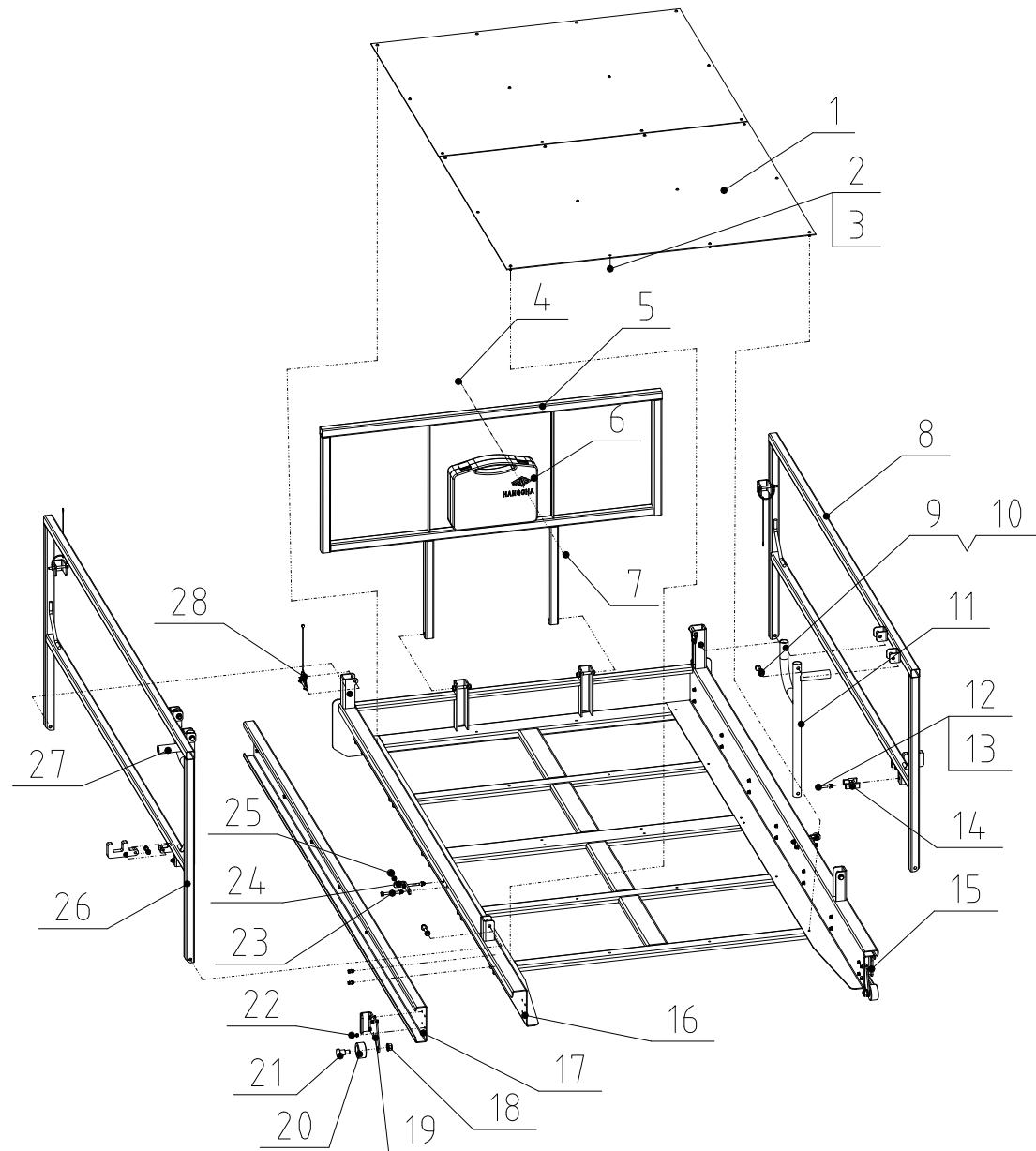
3.1 Fixed platform components



3.1 Fixed platform components

Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-800001-000	Base plate	2	
2	GB/T 17880.4 M6×16	Rivet nut M6×16	32	
3	GB/T 70.2 M6×16	Screw M6×16	32	
4	HS1418RPI-810400-000	Left rear guardrail	1	
5	HS1418RPI-810200-000	Left guardrail	1	
6	HS1823RPI-800009-000	Card slot	2	
7	GB/T 5783 M8×40	Bolt M8×40	4	
8	GB/T 6183 M8	Nut M8	4	
9	GB/T 5783 M10×60	Bolt M10×60	8	
10	GB/T 6183 M10	Nut M10	8	
11	140XEN-800800-000	latch	6	
12	HS1418RPI-810100-000	Fixed platform	1	
13	78XEN -830004-000	Shock absorber block	2	
14	GB/T 5789 M10×20	Bolt M10×20	17	
15	HS1418RPI-800004-000	Roller	4	
16	HS1418RPI-810300-000	right guardrail	1	
17	HS1418RPI-810500-000	Right rear guardrail	1	
18	HS1823RPI-810600-000	Side door	1	
19	140XEN-800600-000	Spring hinge	2	
20	GB/T 5789 M6×50	Bolt M6×50	12	
21	GB/T 6183 M6	Nut M6	12	
22	GB/T 5789 M10×55	Bolt M10×55	1	
23	60XEND-800012-000	Rubber pad	2	
24	GB/T 5789 M5×16	Bolt M5×16	2	
25	GB/T 6183 M5	Nut M5	2	
26	140XEN-800001-000	Plastic latch	1	
27	140XEN-800009-000	Spring	1	

3.2 mobile platform components



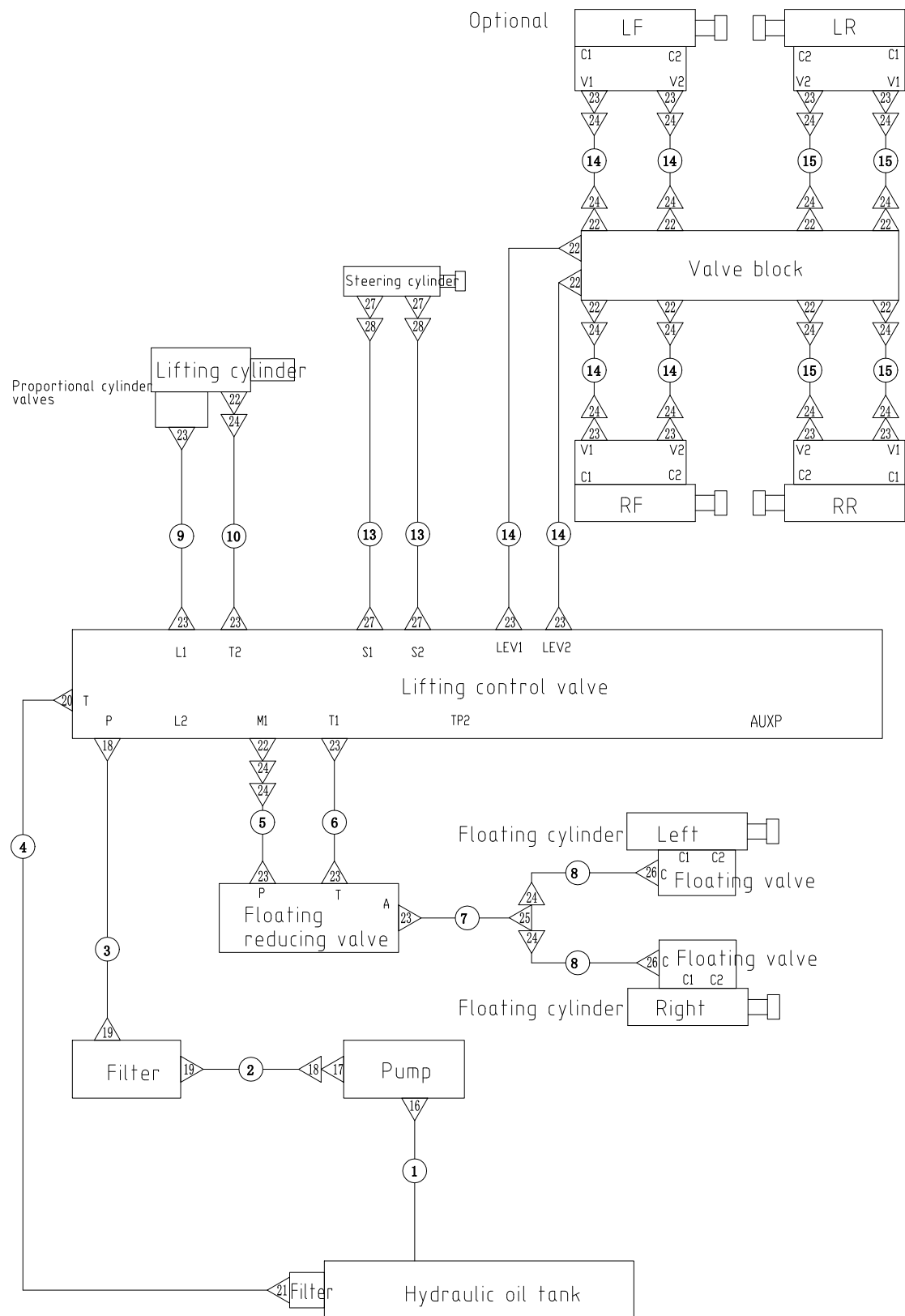
3.2 mobile platform components

Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-800002-000	Base plate	2	
2	GB/T 17880.4 M6×16	Rivet nut M6×16	24	
3	GB/T 70.2 M6×16	Screw M6×16	24	
4	GB/T 6183 M6	Nut M6	32	
5	HS1418RPI-820400-000	front guardrail	1	
6	78XEN-820100-G00	File box	1	
7	GB/T 5789 M6×16	Bolt 6×16	28	
8	HS1418RPI-820300-000	Right guardrail	1	
9	GB/T 5789 M10×60	Bolt M10×60	10	
10	GB/T 6183 M10	Nut M10	10	
11	HS1418RPI-800400-000	Right handle weldment	1	
12	GB/T 70.3 M8×60	Screw M8×60	2	
13	GB/T 6183 M8	Nut M8	12	
14	HS1823RPI-800010-000	Snap joint	2	
15	HS1418RPI-800007-000	Right folding plate	1	
16	HS1418RPI-820100-000	Front mobile platform	1	
17	HS1418RPI-800003-000	Slide	2	
18	GB/T 6183 M14	Nut M14	1	
19	HS1418RPI-800006-000	Left folding plate	1	
20	HS1418RPI-800004-000	Roller	2	
21	HS1418RPI-800005-000	Pin	2	
22	GB/T 5789 M6×20	Bolt M6×20	8	
23	GB/T 5789 M8×80	Bolt M8×80	4	
24	HS1823RPI-800019-000	Limit block bracket	2	
25	78XEN-830004-G00	Shock absorption block	2	
26	HS1418RPI-820200-000	Left guardrail	1	
27	HS1418RPI-800300-000	Left handle weldment	1	
28	140XEN-800800-000	D-pin	4	

4.1 Hydraulic pipeline

Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-630101-000	High-pressure hose	1	
2	HS1418RPI-630201-000	High-pressure hose	1	
3	HS1823RPI-630201-000	High-pressure hose	1	
4	HS1418RPI-630102-000	High-pressure hose	1	
5	HS1823RPI-630301-000	High-pressure hose	1	
6	HS1823RPI-630402-000	High-pressure hose	1	
7	HB250PI-630621-000	High-pressure hose	1	
8	HB280PI-630604-001	High-pressure hose	2	
9	HS1418RPI-630302-000	High-pressure hose	1	
10	HS1418RPI-630310-000	Low-pressure hose	1	
11	HS1823RPI-630304-001	High-pressure hose	1	
12	HS1418RPI-630311-000	Low-pressure hose	1	
13	HS1418RPI-630503-000	High-pressure hose	2	
14	GTHZ210C-630110-000	High-pressure hose	6	
15	HB250PI-630608-001	High-pressure hose	4	
16	JT-111226-G01	Transition connector G3/4-M26×1.5L	1	
17	JT-110622-G01	Transition connector G3/8-M22×1.5L	1	
18	JT-202222-G01	Right Angle connector M22×1.5L	2	
19	JT-111222-G00	Transition connector G3/4-M22×1.5L	2	
20	JT-111630-G01	Transition connector G1-M30×2L	1	
21	JT-102230-G00	Transition connector M22×1.5-M30×2L	1	
22	JT-110418-G01	Transition connector G1/4-M18×1.5L	13	
23	JT-110618-G00	Transition connector G3/8-M18×1.5L	19	
24	JT-201818-G01	Right Angle connector M18×1.5	15	
25	JT-301818-G01	T connector M18	1	
26	JT-210618-G01	Articulated connector G3/8"-M18×1.5L	2	
27	JT-110414-G01	Transition connector G1/4-M14×1.5L	4	
28	JT-201414-G01	Right Angle connector M14×1.5L	2	
29	JT-311818-G01	T connector M18	1	

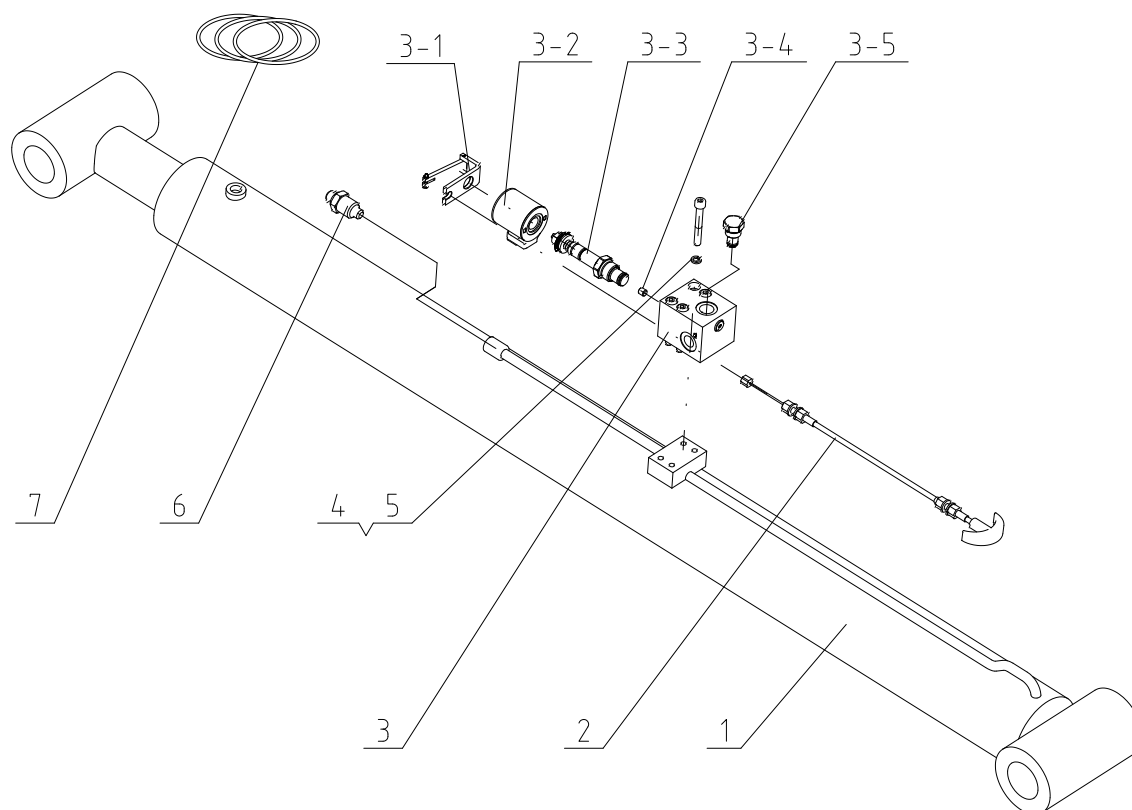
4.2 Hydraulic pipeline (HS1218RP)



4.2 Hydraulic pipeline

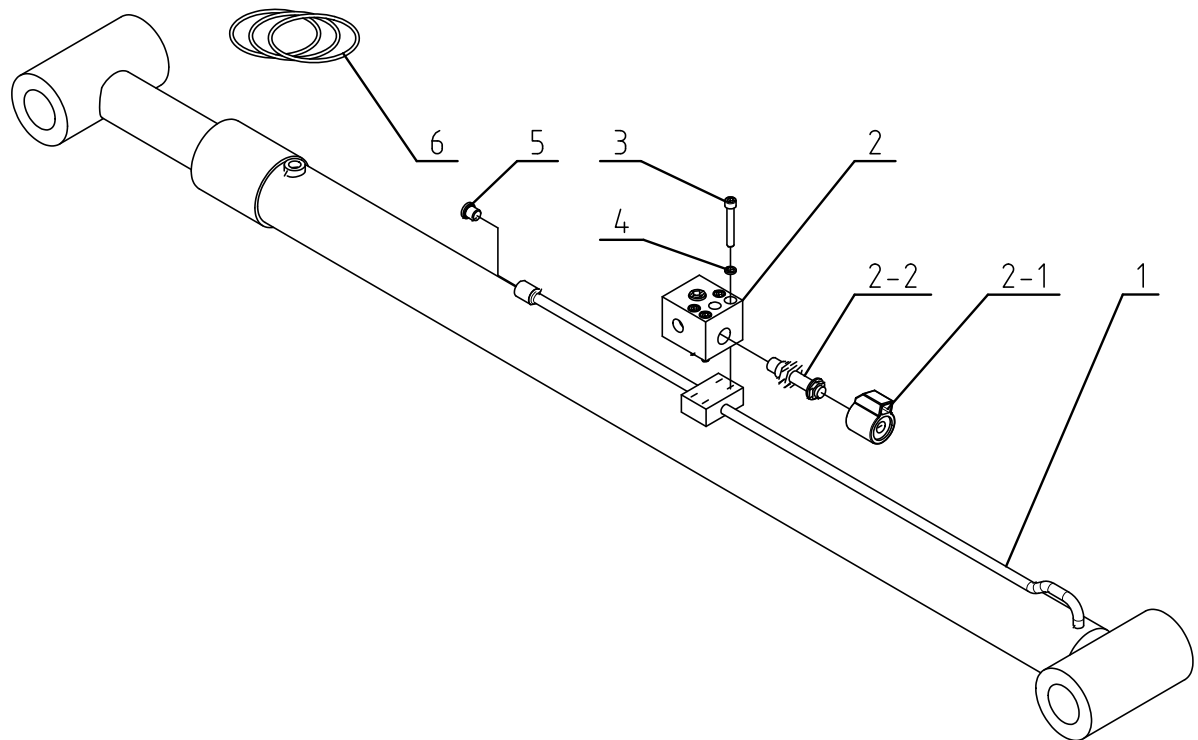
Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-630101-000	High-pressure hose	1	
2	HS1418RPI-630201-000	High-pressure hose	1	
3	HS1823RPI-630201-000	High-pressure hose	1	
4	HS1418RPI-630102-000	High-pressure hose	1	
5	HS1823RPI-630301-000	High-pressure hose	1	
6	HS1823RPI-630402-000	High-pressure hose	1	
7	HB250PI-630621-000	High-pressure hose	1	
8	HB280PI-630604-001	High-pressure hose	2	
9	HS1418RPI-630302-000	High-pressure hose	1	
10	HS1418RPI-630310-000	Low-pressure hose	1	
13	HS1418RPI-630503-000	High-pressure hose	2	
14	GTHZ210C-630110-000	High-pressure hose	6	
15	HB250PI-630608-001	High-pressure hose	4	
16	JT-111226-G01	Transition connector G3/4-M26×1.5L	1	
17	JT-110622-G01	Transition connector G3/8-M22×1.5L	1	
18	JT-202222-G01	Right Angle connector M22×1.5L	2	
19	JT-111222-G00	Transition connector G3/4-M22×1.5L	2	
20	JT-111630-G01	Transition connector G1-M30×2L	1	
21	JT-102230-G00	Transition connector M22×1.5-M30×2L	1	
22	JT-110418-G01	Transition connector G1/4-M18×1.5L	12	
23	JT-110618-G00	Transition connector G3/8-M18×1.5L	17	
24	JT-201818-G01	Right Angle connector M18×1.5	13	
25	JT-301818-G01	T connector M18	1	
26	JT-210618-G01	Articulated connector G3/8"-M18×1.5L	2	
27	JT-110414-G01	Transition connector G1/4-M14×1.5L	4	
28	JT-201414-G01	Right Angle connector M14×1.5L	2	

4.3 Large lifting cylinder assembly



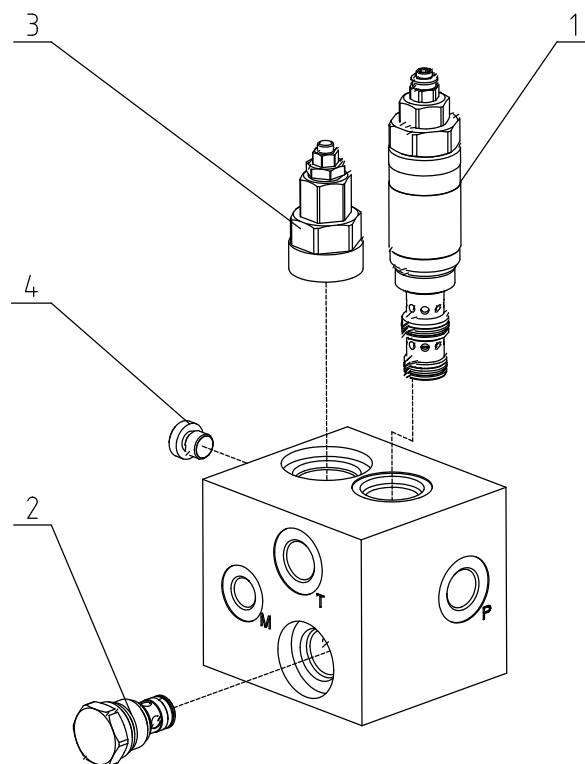
Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-620100-000	Large lifting cylinder	1	
2	HS1418RPI-400440-000	Stay wire	1	
3	HS1418RPI-641200-G01	Lower cylinder valve	1	
3-1	140XEN-641210-G30	support	1	
3-2	HS1418RPI-641202-G01	Electromagnetic coil	1	
3-3	140XEN-641201-G30	spool	1	
3-4	140XEN-641205-G30	Damping plug	1	
3-5	140XEN-641211-G30	One-way valve	1	
4	GB/T 70 M8×60	Screw M8×60	4	
5	GB/T 93 8	Washers 8	4	
6	78XEN-741300-G01	Pressure sensor	1	
7	HS1418RPI-620001-001	Oil cylinder repair kit	1	

4.4 Small lifting cylinder assembly



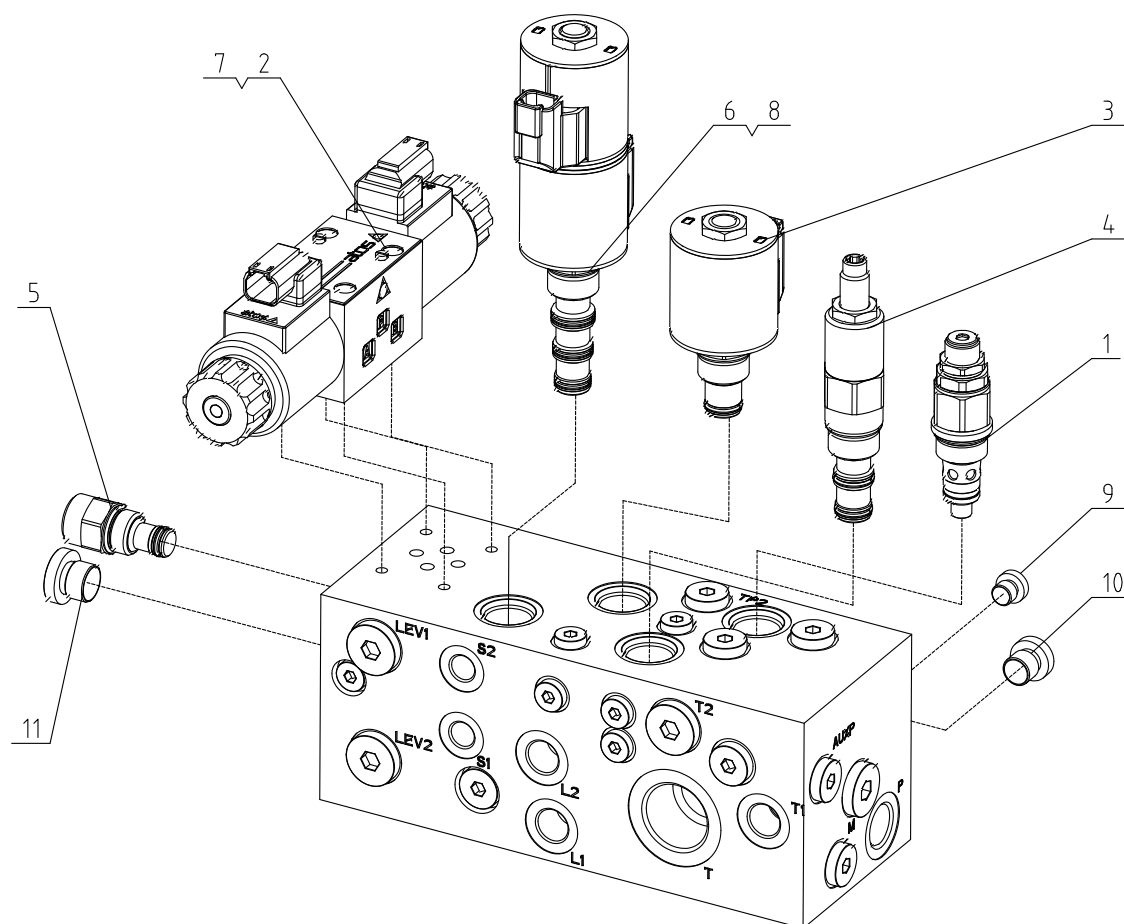
Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-620200-000	Small lifting oil cylinder	1	
2	140XEN-640400-G01	Upper cylinder valve	1	
2-1	140XEN-640402-G01	Electromagnetic coil	1	
2-2	140XEN-640401-G03	spool	1	
3	GB/T 70 M8×55	Screw M8×55	4	
4	GB/T 93 8	Washers 8	4	
5	JT-400014-G00	Plug M14	1	
6	HS1418RPI-620002-000	Oil cylinder repair kit	1	

4.5 Floating reducing valve



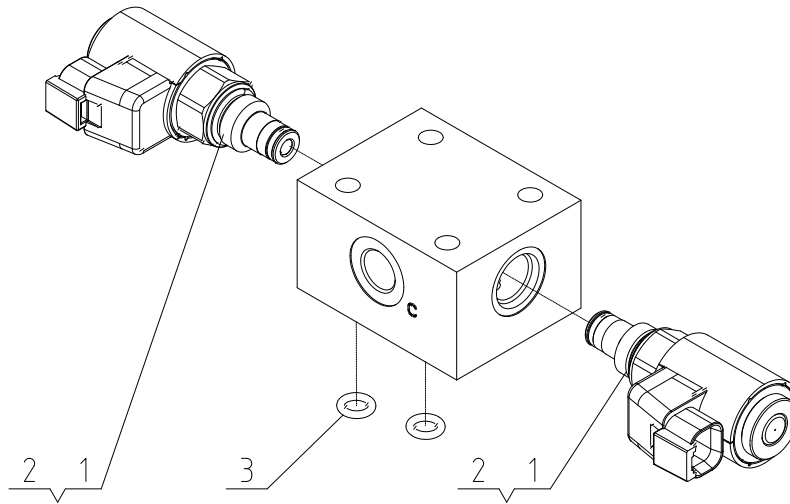
Item No.	Material code	Description	Qty	Remark
1	HS1823RPI-640101-001	Reducing valve	1	
2	HS1823RPI-640102-001	Check valve	1	
3	HS1823RPI-640103-001	Compensating valve	1	
4	HS1823RPI-640109-000	Plug	3	

4.6 Lift control valve



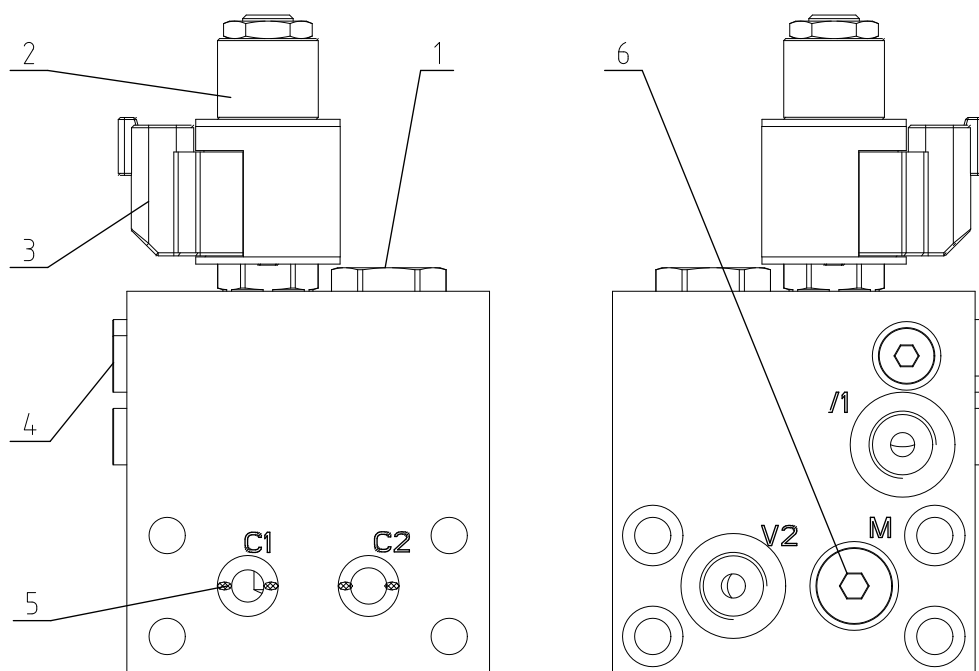
Item No.	Material code	Description	Qty	Remark
1	HS1823RPI-640201-001	Overflow valve	1	
2	GB/T 70.1 M5×30	Screw M5×30	4	
3	HS1823RPI-640203-001	Solenoid valve	1	
4	HS1823RPI-640204-001	Reducing valve	1	
5	HS1823RPI-640205-001	Flow valve	1	
6	HS1823RPI-640206-001	Solenoid valve	1	
7	HS1823RPI-640207-001	Plate valve	1	
8	HS1823RPI-640108-001	Coil	3	
9	HS1823RPI-640109-001	Plug	9	
10	HS1823RPI-640110-001	Plug	7	
11	HS1823RPI-640111-001	Plug	5	

4.7 Axle floating valve



Item No.	Material code	Description	Qty	Remark
1	HS1823RPI-640401-001	solenoid valve	2	
2	HS1823RPI-640307-001	coil	2	
3	HS1823RPI-640304-000	O-ring	2	

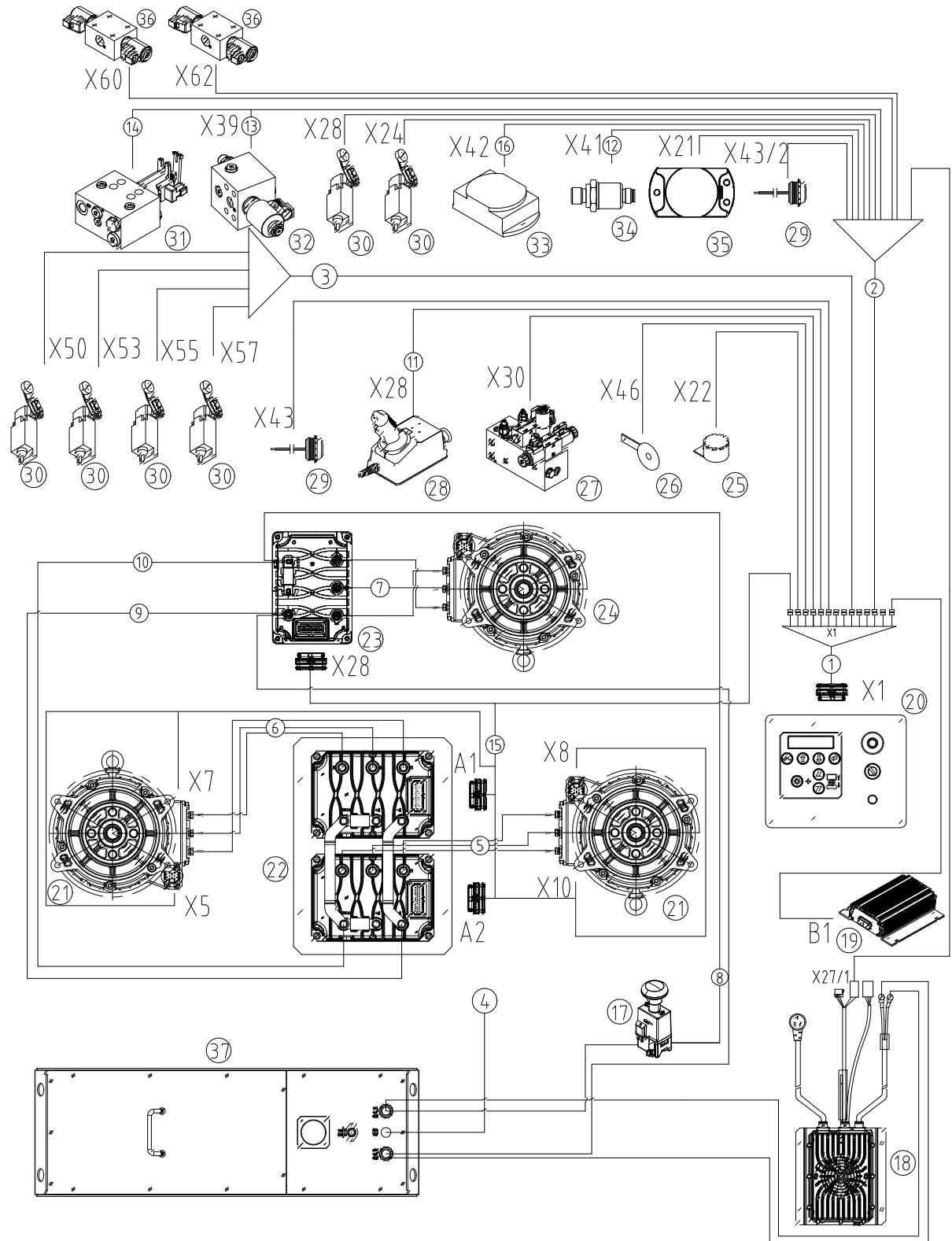
4.8 Outrigger solenoid valve



Item No.	Material code	Description	Qty	Remark
1	HS1823RPI-640501-000	Check valve	1	
2	HS1823RPI-640502-000	Solenoid valve	1	
3	HS1823RPI-640107-000	Coil	1	
4	HS1823RPI-640109-000	Plug	4	
5	HS1823RPI-640403-000	O-ring	2	
6	HS1823RPI-640110-000	Plug	1	

5 Electrical system

5.1 Wire harness (HS1418RP)

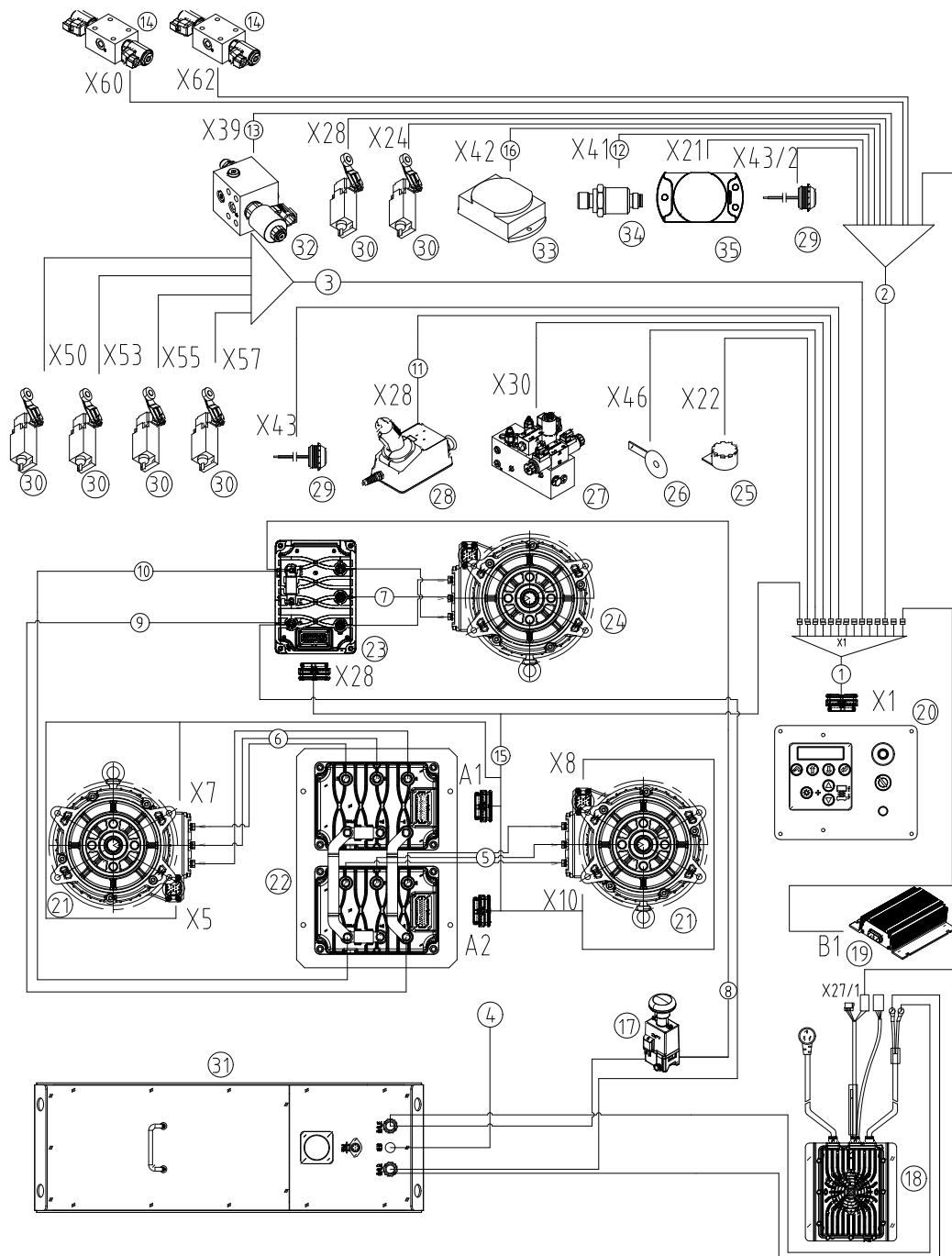


5.1 Driving wire harness(HS1418RP)

Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-710000-000	principal wire bundle	1	
2	HS1418RPI-710300-000	Switch harness assembly	1	
3	HS1418RPI-710200-000	Leg wiring harness	1	
4	HS1418RPI-700900-000	Lithium battery bus adapter	1	
5	HS1418RPI-730400-000	cable conductor	1	
6	HS1418RPI-730500-000	cable conductor	1	
7	HS1418RPI-730600-000	cable conductor	1	
8	HS1418RPI-730100-000	cable conductor	1	
9	HS1418RPI-730300-000	cable conductor	1	
10	HS1418RPI-730200-000	cable conductor	1	
11	HS1418RPI-700100-000	Handle transfer wiring	1	
12	140XEN-700200-002	Pressure sensor line	1	
13	HS1418RPI-720100-000	Oil cylinder wire	1	
14	HS1416TPI-720400-000	Oil cylinder transfer wiring	1	
15	HS1418RPI-710100-000	Drive harness assembly	1	
16	HS1823RPI-700600-000	Height sensor line	1	
17	AIBS600-700001-000	Close stop switch	1	
18	HS1823RPI-780000-G00	Charger assembly	1	
19	XIQX600-700020-000	DC-DC changer	1	
20	HS1416TPI-740200-G00	Control module (VICTECH)	1	
21	HS1416TPI-710100-G00	Walking motor	2	
22	HS1823RPI-741000-G00	Drive assembly	1	
23	HB280PI-750200-G00	Walking drive	1	
24	HS1416TPI-710200-G00	Oil pump motor	1	
25	NC9717-700500-000	Reverse buzzer	1	
26	N163-700009-000	bugle	1	
27	HS1823RPI-640200-001	Lift control valve	1	
28	HS1823TPI-750000-G00	Handle Assembly (VICTECH)	1	
29	HS1823RPI-740200-G00	lamp	2	
30	GTWZ110-750400-G00	limit switch	6	
31	HS1418RPI-640400-G01	Upper cylinder valve	1	
32	HS1418RPI-641200-G01	Lower cylinder valve	1	
33	78XEN-741200-G00	height sensor	1	
34	78XEN-741300-G01	pressure pickup	1	
35	HS1416TPI-740700-G00	The Angle sensor	1	

36	HS1823RPI-640100-001	Floating decompression valve	2	
37	HS1418RPI-760000-G00	Lithium battery assembly	1	

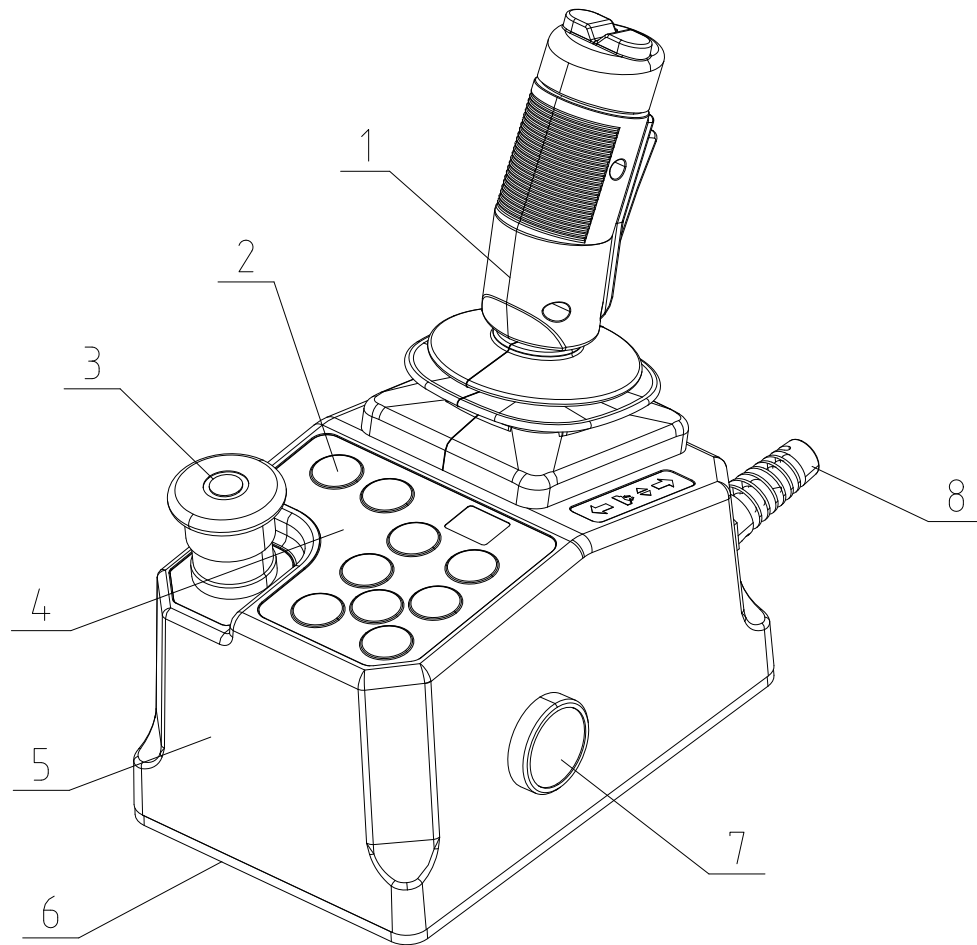
5.2 Wire harness(HS1218RP)



5.2 Bodywork wire harness(HS1218RP)

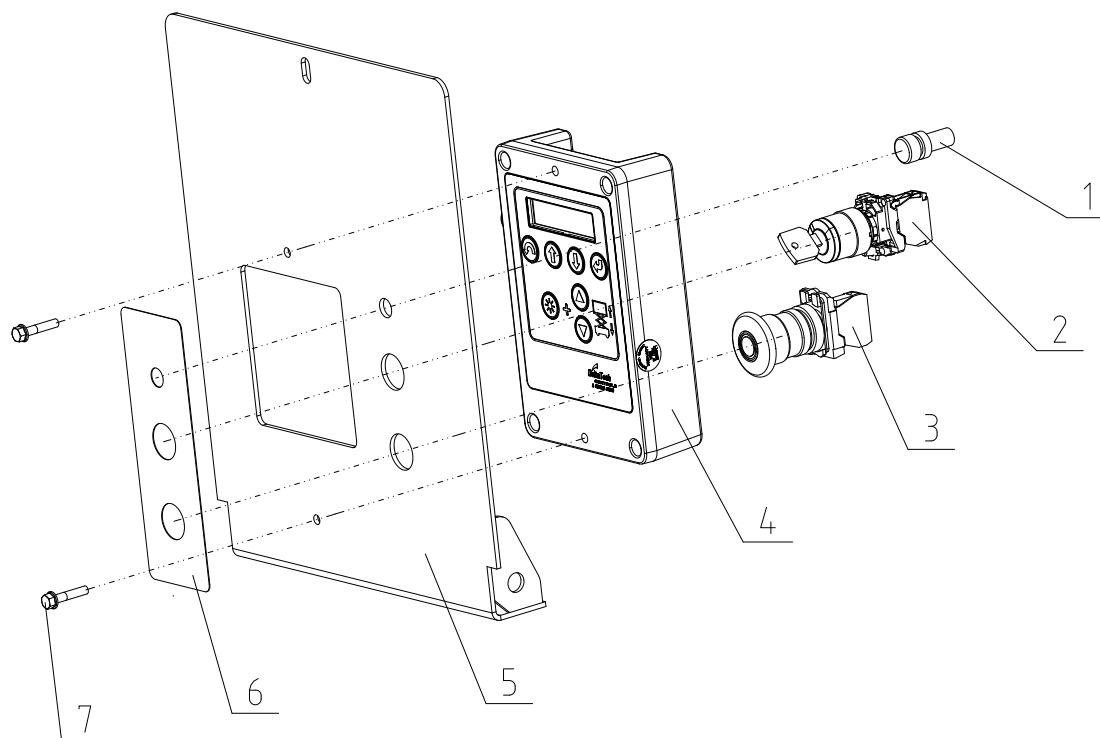
Item No.	Material code	Description	Qty	Remark
1	HS1418RPI-710000-000	principal wire bundle	1	
2	HS1418RPI-710300-000	Switch harness assembly	1	
3	HS1418RPI-710200-000	Leg wiring harness	1	
4	HS1418RPI-700900-000	Lithium battery bus adapter	1	
5	HS1418RPI-730400-000	cable conductor	1	
6	HS1418RPI-730500-000	cable conductor	1	
7	HS1418RPI-730600-000	cable conductor	1	
8	HS1418RPI-730100-000	cable conductor	1	
9	HS1418RPI-730300-000	cable conductor	1	
10	HS1418RPI-730200-000	cable conductor	1	
11	HS1418RPI-700100-000	Handle transfer wiring	1	
12	140XEN-700200-002	Pressure sensor line	1	
13	HS1218RPI-720100-000	Oil cylinder wire	1	
14	HS1823RPI-640100-001	Floating decompression valve	2	
15	HS1416TPI-710100-000	Drive harness assembly	1	
16	HS1823RPI-700600-000	Height sensor line	1	
17	AIBS600-700001-000	Close stop switch	1	
18	HS1823RPI-780000-G00	Charger assembly	1	
19	XIPD350-700400-000	DC-DC changer	1	
20	HS1416TPI-740200-G00	Control module (VICTECH)	1	
21	HS1416TPI-710100-G00	Walking motor	2	
22	HS1823RPI-741000-G00	Drive assembly	1	
23	HB280PI-750200-G00	Walking drive	1	
24	HS1416TPI-710200-G00	Oil pump motor	1	
25	NC9717-700500-000	Reverse buzzer	1	
26	N163-700009-000	trumpet	1	
27	HS1823RPI-640200-001	Lift control valve	1	
28	HS1823TPI-750000-G00	Handle Assembly (VICTECH)	1	
29	HS1823RPI-740200-G00	lamp	2	
30	GTWZ110-750400-G00	limit switch	6	
31	HS1418RPI-760000-G00	Lithium battery assembly	1	
32	140XEN-641200-G30	Lower cylinder valve	1	
33	78XEN-741200-G00	height sensor	1	
34	78XEN-741300-G01	pressure pickup	1	
35	HS1416TPI-740700-G00	The Angle sensor	1	

5.3 Handle components



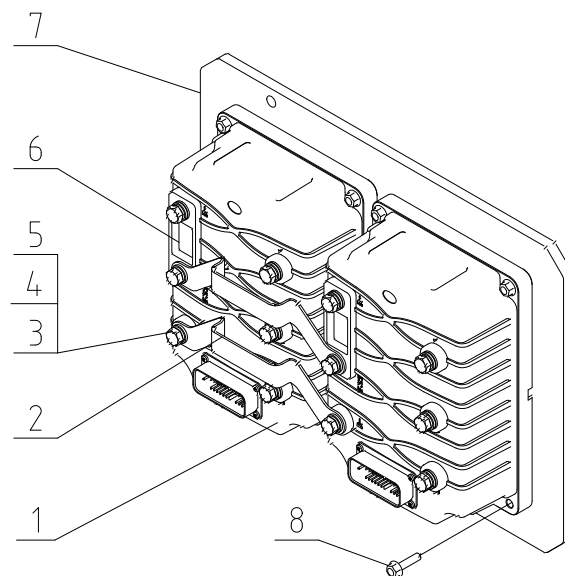
Item	Part No.	Description	Qty	Serial
1	HS1823RPI-750100-G00	Control handle	1	
2	HS1823RPI-750200-G00	Panel	9	
3	HS1823RPI-750400-G00	Emergency stop switch	1	
4	HS1823RPI-750301-G00	Panel sticker	1	
5	HS1823RPI-750302-G00	Handle body	1	
6	HS1823RPI-750303-G00	Cover plate	1	
7	HS1823RPI-750500-G00	Buzzer	1	
8	HS1823RPI-750600-G00	Spiral wire	1	

5.4 Control panel components



Item No.	Material code	Description	Qty	Remark
1	78XEN-740505-G00	Warning lamp (RED)	1	
2	GTHZ120-710400-G00	Three-position key switch	1	
3	GTHZ120-720700-G00	Emergency stop switch	1	
4	HS1416TPI-740200-G00	Control module	1	
5	HS1823RPI-400400-000	Lower panel weldment	1	
6	HS1418RPI-740101-000	Panel stickers	1	
7	GB/T 5789 M5×25	Bolt M5×25	2	

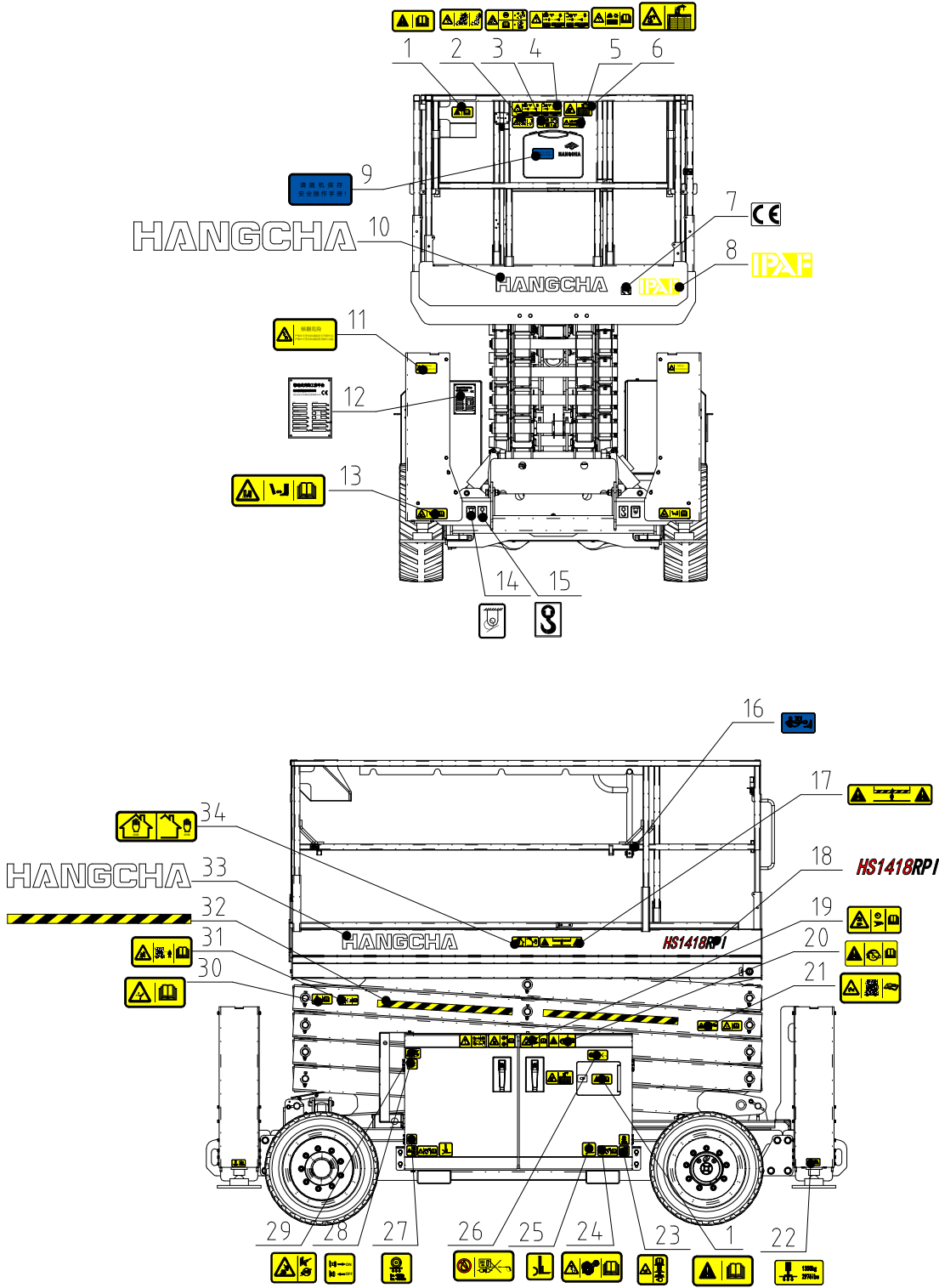
5.5 Driver assembly

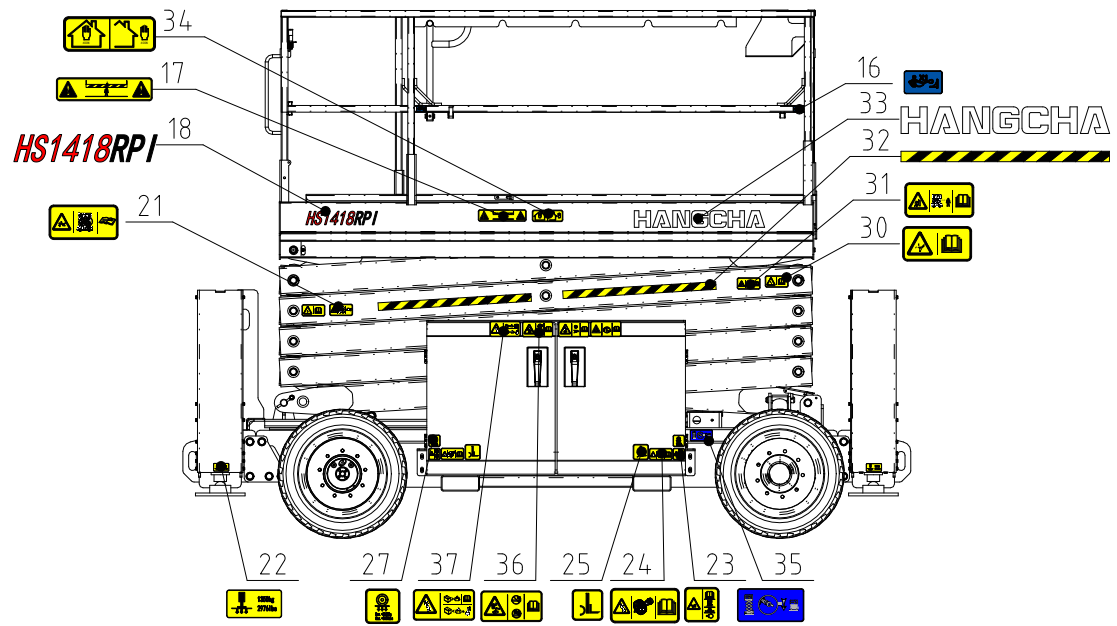


Item No.	Material code	Description	Qty	Remark
1	HB280PI-750200-G00	Driver	2	
2	HS1823RPI-741300-G00	Copper bar	2	
3	GB/T 5783 M8×20	Bolt M8×20	12	
4	GB/T 93 8	Washer 8	12	
5	GB/T 97.1 8	Washer 8	12	
6	HS1823RPI-741400-G00	Fuse	1	
7	HS1823RPI-741100-G00	Aluminum heat sink plate	1	
8	GB/T 5789 M6×25	Bolt M6×25	8	

6 Label

6.1 Label





6.1 Label

Item No.	Material code	Description	Qty	Remark
1	HS1412HI-020016-000	Operation instruction	2	
2	HS1823RP-020012-000	Tipping hazard	1	
3	HS1823RP-020013-000	Tilt alarm operation	1	
4	HS1418RPI-020005-000	Rated load(370)	2	HS1418RPI
	HS1218RPI-020005-000	Rated load(450)	2	HS1218RPI
5	HS1412HI-020014-000	Overload tipping hazard	1	
6	HS1412HI-020021-000	Safe distance	2	
7	R960-020012-001CE	CE symbol	1	
8	78XEN-020030-000	IPAF symbol	1	
9	HS1412HI-020026-000	Save the manual	1	
10	GTHZ120-020021-000	Trademark	2	
11	HS1216TP-020035-000	Hydraulic outrigger warning	4	
12	140XEN-020002-000	Nameplate	1	
13	HS1412HI-020024-000	Presser foot warning	4	
14	GTWZ110-020013-000	Bundle location labels	4	
15	R960-020035-001	Lifting labels	4	
16	HS1412HI-020020-000	Security anchor	8	
17	HS1412HI-020033-000	Anti collision warning	2	
18	HS1418RPI-020001-000	Model number	2	HS1418RPI
	HS1218RPI-020001-000	Model number	2	HS1218RPI
19	HS1412HI-020028-000	Hydraulic sputtering hazard	2	
20	HS1412HI-020032-000	Service Instruction Label	2	
21	HS1823RP-020011-000	Maintenance and usage instructions	4	
22	HS1418RPI-020003-000	Maximum outrigger load	4	
23	HS1412HI-020029-000	Parking warning labels	4	
24	HS1412HI-020009-000	Replace the tire warning label	4	
25	HS1412HI-020027-000	Forklift position	4	
26	HS1412HI-020023-000	Waterproof warning	1	
27	HS1418RPI-020002-000	Tire load	4	
28	HS1412HI-020007-000	Mains switch	1	
29	HS1412HI-020031-000	Electricity safety label	1	
30	HS1412HI-020019-000	Anti-pinch hand	4	
31	HS1823RP-020010-000	Away from moving parts	2	
32	HS1412HI-020034-000	Reflective stripe	4	
33	GTHZ120-020022-000	Trademark	2	

34	HS1216TP-020022-000	MAX. manual force	2	
35	HS1412HI-020018-000	Emergency descent instruction	1	
36	HS1412HI-020017-000	Explosion and fire risk	2	
37	HS1823RP-020025-000	Battery change Warning	2	



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