



EKKO EK07S

COUNTERBALANCE WALKIE STACKER

Parts manual

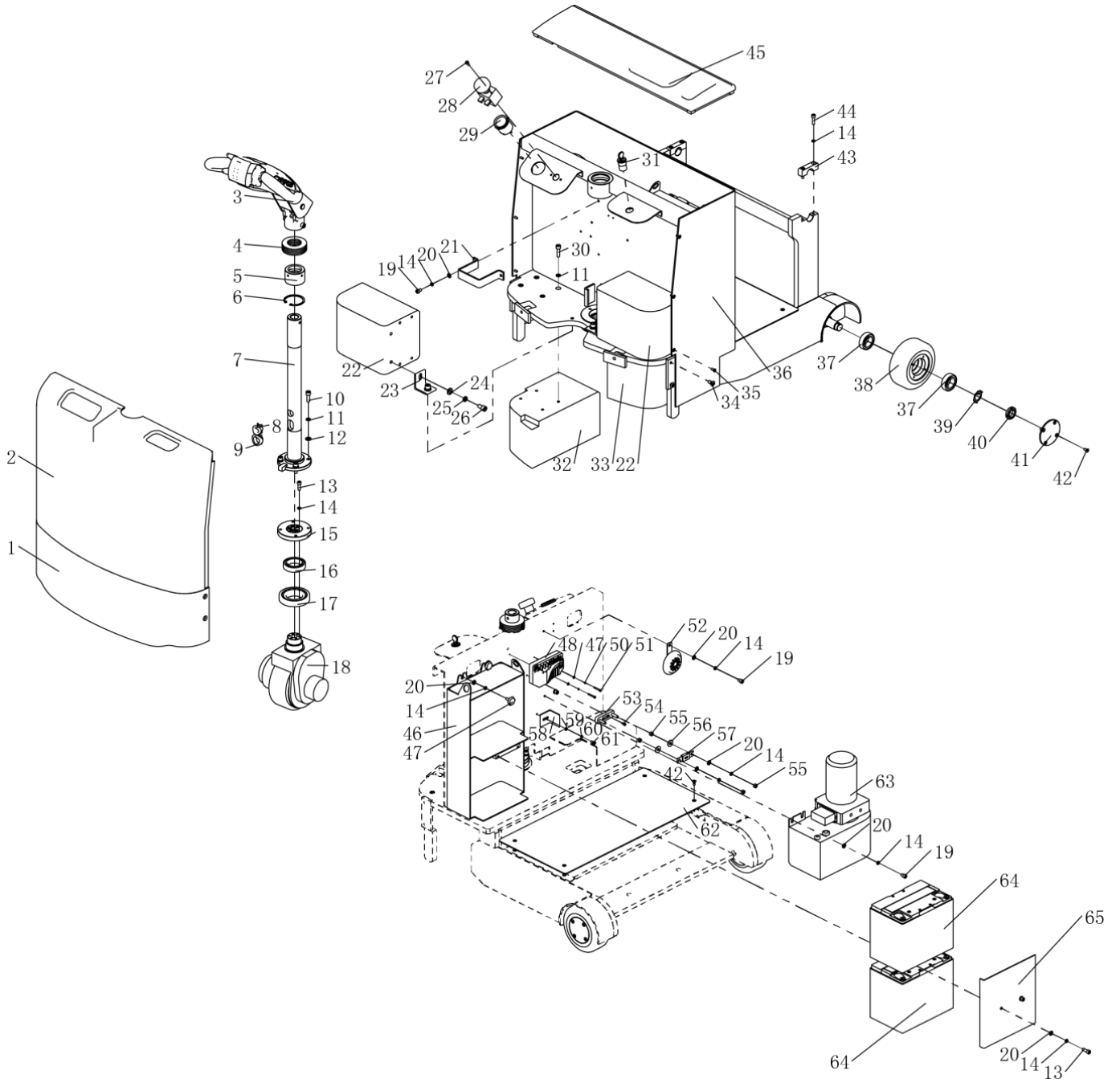


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1.Body system

1.1 Frame assembly (0.75KW)

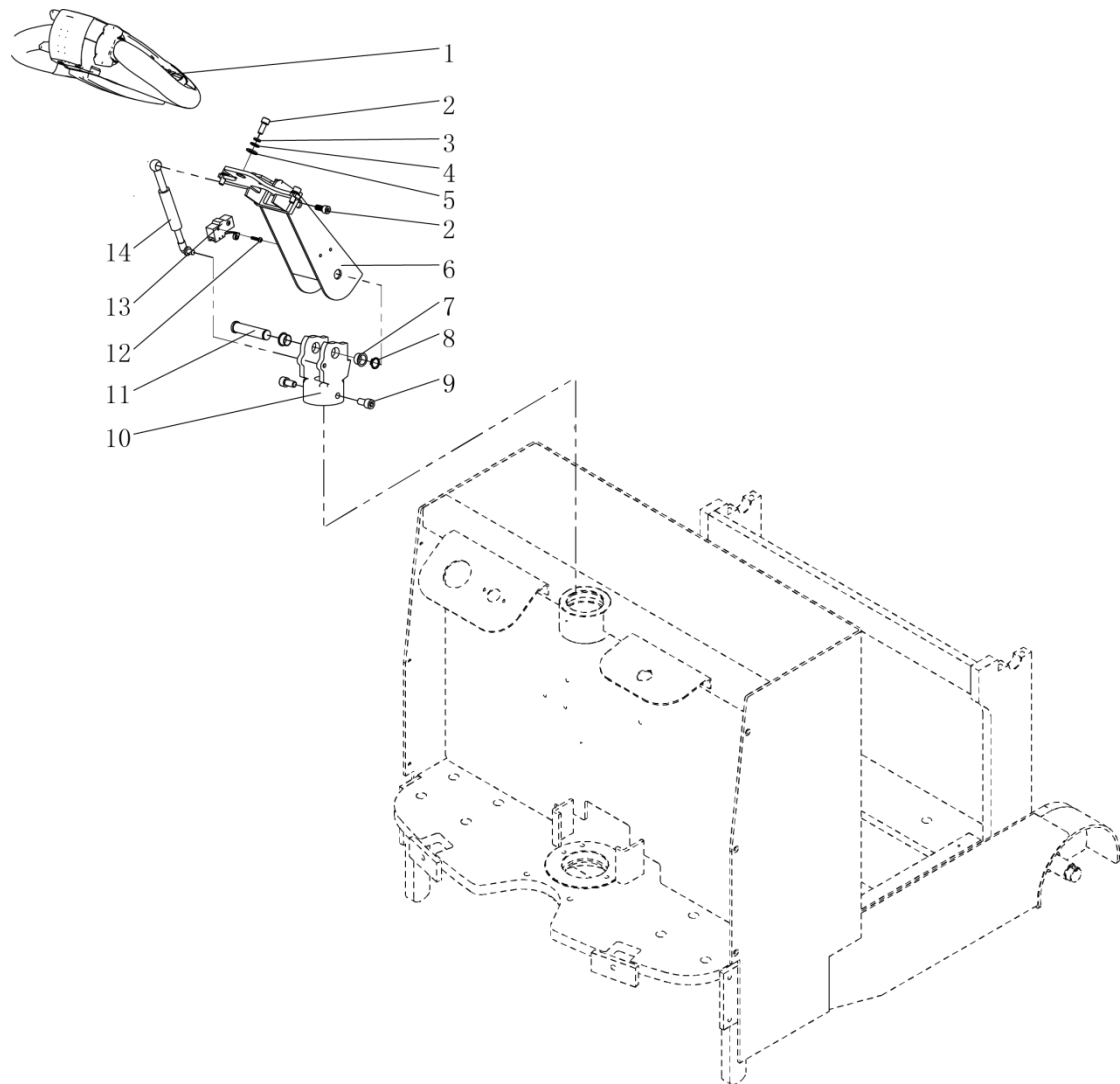


1.1 Frame assembly (0.75KW)

The serial number	Code name	The name of the	specifications	The number of
1	EK07S-04	Rear cover		1
2	E2E.5.10-1	Distribution box mask		1
3	E5T.07	DE tong handle		1
4	E2E.5-5H	Dust cover		1
5	E2E.5-11	Guide sleeve		1
6	GB 893.1-86	Spring retainer for hole	Φ70	1
7	EK07S-01.8.1	Long shaft welding (0.75kw		1
8	E2E.5.7Q.01-2	Pillar harness jacket (2)		1
9	E5T.01.18-3	Bollard harness jacket		1
10	GB/T 70.1-2000	Hexagon socket head screw	M10×30	4
11	GB/T 93-1987	Elastic washer	Φ10	12
12	GB/T 95-2002	Flat washer	Φ10	4
13	GB/T 70.1-2000	Hexagon socket head screw	M8×25	8
14	GB/T 93-1987	Elastic washer	Φ8	22
15	EK07S-01.5	Drive mounting plate		1
16	GB/T 276-94	Deep groove ball bearing	6010-2Z	1
17	GB/T 297-94	Taper roller bearing	30212	1
18	ZD11265	Horizontal drive		1
19	GB/T 70.1-2000	Hexagon socket head screw	M8×12	5
20	GB/T 95-2002	Flat washer	Φ8	12
21	E2E.5.4-24	Clamp mounting plate		1
22	EK07S-01.6	Counter weight		2
23	E13-01.26	Fixed Angle	2.36×2.36×0.19	2
24	GB/T 97.1-2002	Flat washer	Φ12	4
25	GB/T 93-1987	Elastic washer	Φ12	4
26	GB/T 70.1-2000	Hexagon socket head screw	M12×20	4
27	GB/T 818-2000	Cross slotted head screw	M6×16	2
28	ZDK31-250	The abrupt stop switch		1
29	DC24V	Electricity meter		1
30	GB/T 70.1-2000	Hexagon socket head screw	M10×35	8
31	XF125	Electric lock XF125		1

32	EK07S-01.10	Counter weight left		1
33	EK07S-01.11	Counter weight right		1
34	GB 2674-86-M10	Hexagon socket head set	M10×20	4
35	GB 2674-86-M6	Hexagon socket head set	M6×16	6
36	EK07S-01.1	Frame welding (0.75kw drive		1
37	GB/T 276-94	Deep groove ball bearing	6206-2Z	4
38	EK07S-01.2.1	Balance wheel	Φ178×73	2
39	GB 858-1988	The round nut USES a stop	27×1	2
40	GB/T 812-1988	Round nut	M27×1.5	2
41	EK07S-01.2.2	End cover		2
42	GB/T 70.3-2000	Hexagon socket head screw	M6×16	12
43	EK07S-01.9	Shaft cover		2
44	GB/T 70.1-2000	Hexagon socket head screw	M8×30	4
45	CL10.5-12/H	Battery cover plate		1
46	EK07S-01.3.1	Battery case welded		1
47		Six star plum handle screw	M8×16	2
48	1212S	The controller		1
49	GB/T 97.1-2002	Flat washer	Φ4	2
50	GB/T 93-1987	Elastic washer	Φ4	2
51	GB/T 70.1-2000	Hexagon socket head screw	M4×30	2
52	DL125G	Monophonic electric horn		1
53	outsourcing	The fuse holder		1
54	GB/T 818-2000	Cross slotted head screw	M5×12	2
55	GB/T 6170-2000	Hexagonal nut	M8	4
56	GB/T 96.2-2002	The big washer	8×2	2
57	CNP-100A	The fuse		1
58	E1230X.01-7	The limit board	50×50×3 角铁	1
59	GB/T 97.1-2002	Flat washer	Φ6	1
60	GB/T 93-1987	Elastic washer	Φ6	1
61	GB/T 70.1-2000	Hexagon socket head screw	M6×16	1
62	EK07S-01.4	Cover plate		1
63		The pump station	CL2.2KW	1
64	TY-01.50	DC100AH - 12 v battery		2
65	E8E.01.03-1	Battery limit panel meter		1

1.3 Handle components

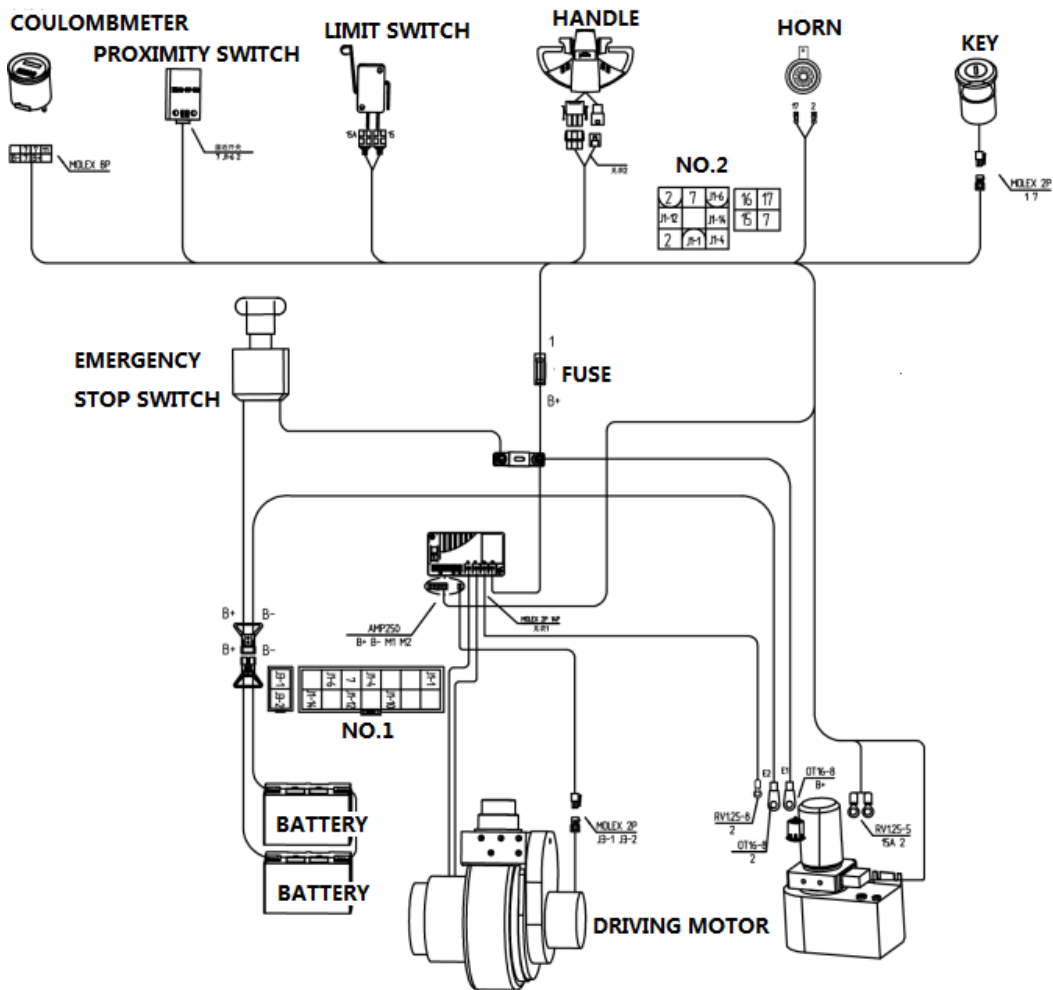


1.4 Handle components

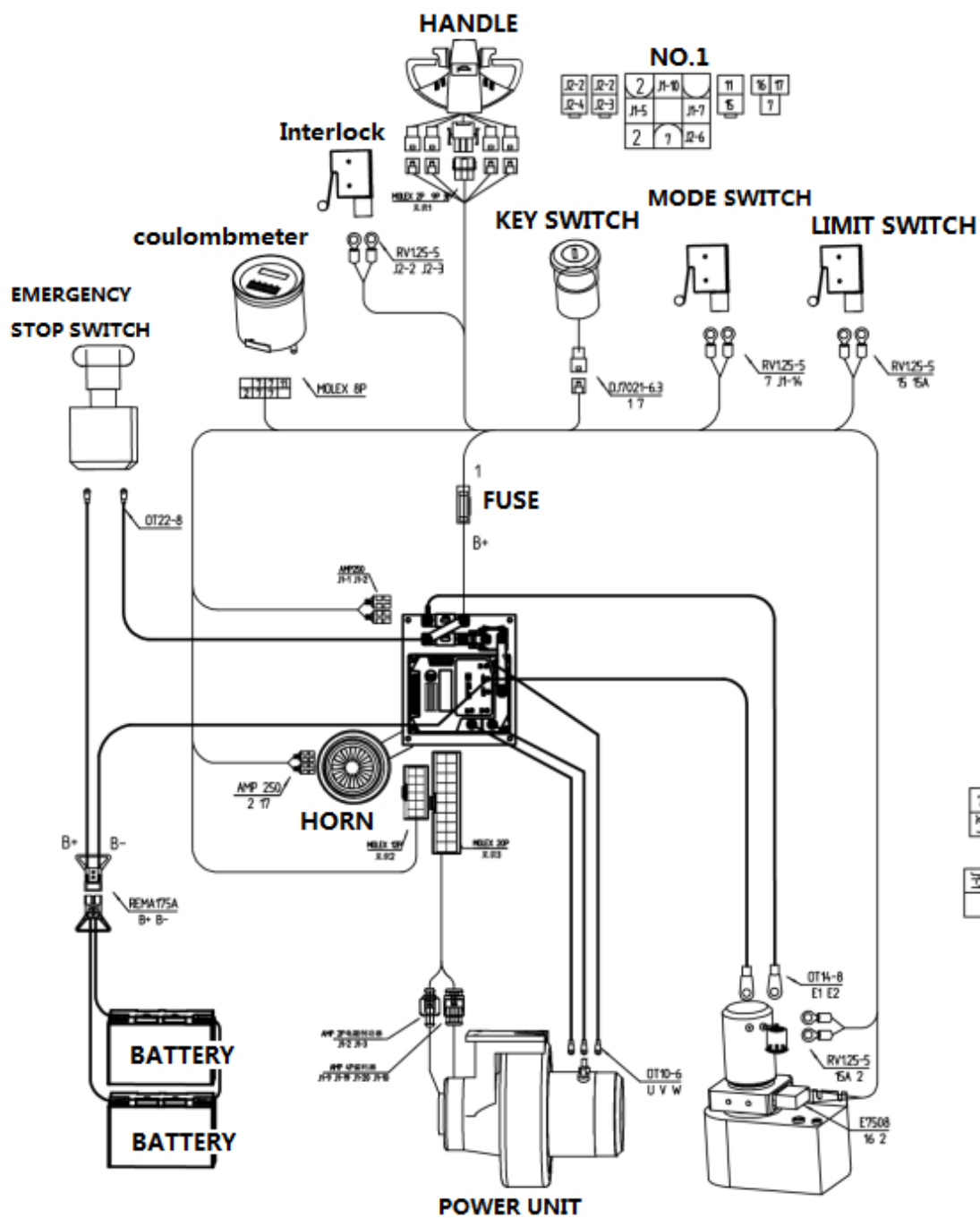
The serial number	Code name	The name of the	specifications	The number of
1	T600	T600 Denton handle		1
2	GB/T 70.1-2000	Hexagon socket head screw	M8×20	4
3	GB / T93-1987	Elastic washer	Φ8	3
4	GB / T95-2002	Flat washer	Φ8	3
5	GB/T 95-2002	Flat washer	Φ10	1
6	E15.07.01	Bar welding		1
7	E2E.5-1	Shoulder compound		2
8	GB 894.1-86	The shaft USES an elastic retainer	Φ17	1
9	GB/T 70.1-2000	Hexagon socket head screw	M10×20	2
10	E12.5-4/G	Handle joint		1
11	E12.5-3	Handle shaft		1
12	GB/T 818-2000	Cross slotted head screw	M4×20	2
13	RZ-15DW2-83	Micro switch (for handle)		1
14	E12.5.2.2/E	Gas spring		1

2.Electrical system

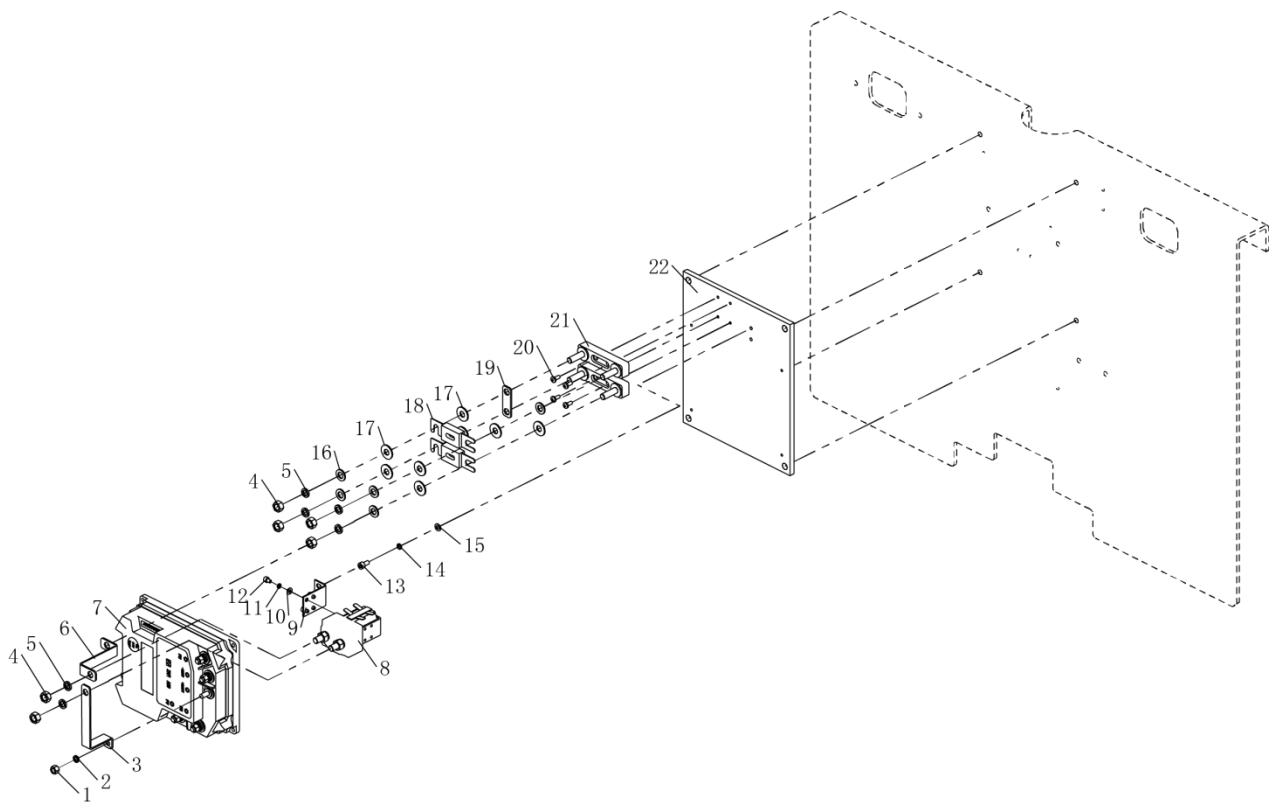
2.1 Electrical system (0.75kw)



2.2 Electrical system (1.5kw)



2.3 ZAPI AC0 electronic control module

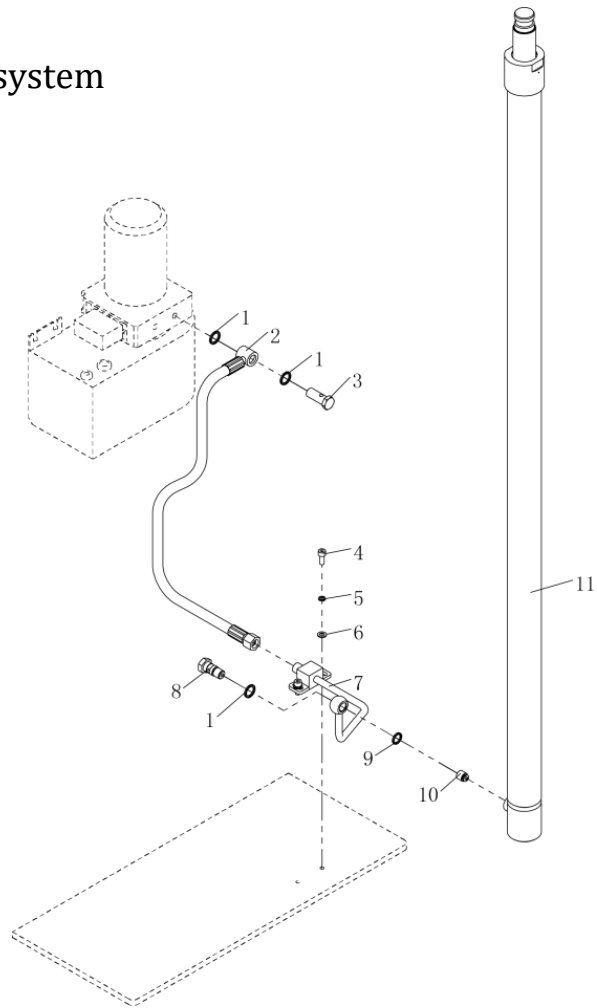


2.3ZAPI AC0 electronic control module

The serial number	Code name	The name of the	specifications	The number of
1	GB/T 41-2000	Hexagonal nut	M6	5
2	GB/T 93-1987	Elastic washer	Φ6	5
3	E2EThe old one	Controller B+ connected copper bar		1
4	GB/T 6170-2000	Hexagonal nut	M8	6
5	GB/T 93-1987	Elastic washer	Φ8	6
6		Main contactor connector		1
7		ZAPI AC0 controller		1
8	SW80	relay		1
9		Contactor mounting plate		1
10	GB/T 95-2002	Flat washer	Φ4	4
11	GB/T 93-1987	Elastic washer	Φ4	4
12	GB/T 70.1-2000	Hexagon socket head screw	M4×6	4
13	GB/T 70.1-2000	Hexagon socket head screw	M5×10	2
14	GB/T 93-1987	Elastic washer	Φ5	2
15	GB/T 95-2002	Flat washer	Φ5	2
16	GB/T 95-2002	Flat washer	Φ8	5
17		Copper gaskets		8
18	200A	The fuse		2
19		Safety connector 1		1
20	GB/T 818-2000	Cross slotted head screw	M4×10	4
21	SYF	Fuse base		2
22	E2E	Curtis AC controller aluminum plate		1

3.The hydraulic system

3.1The hydraulic system

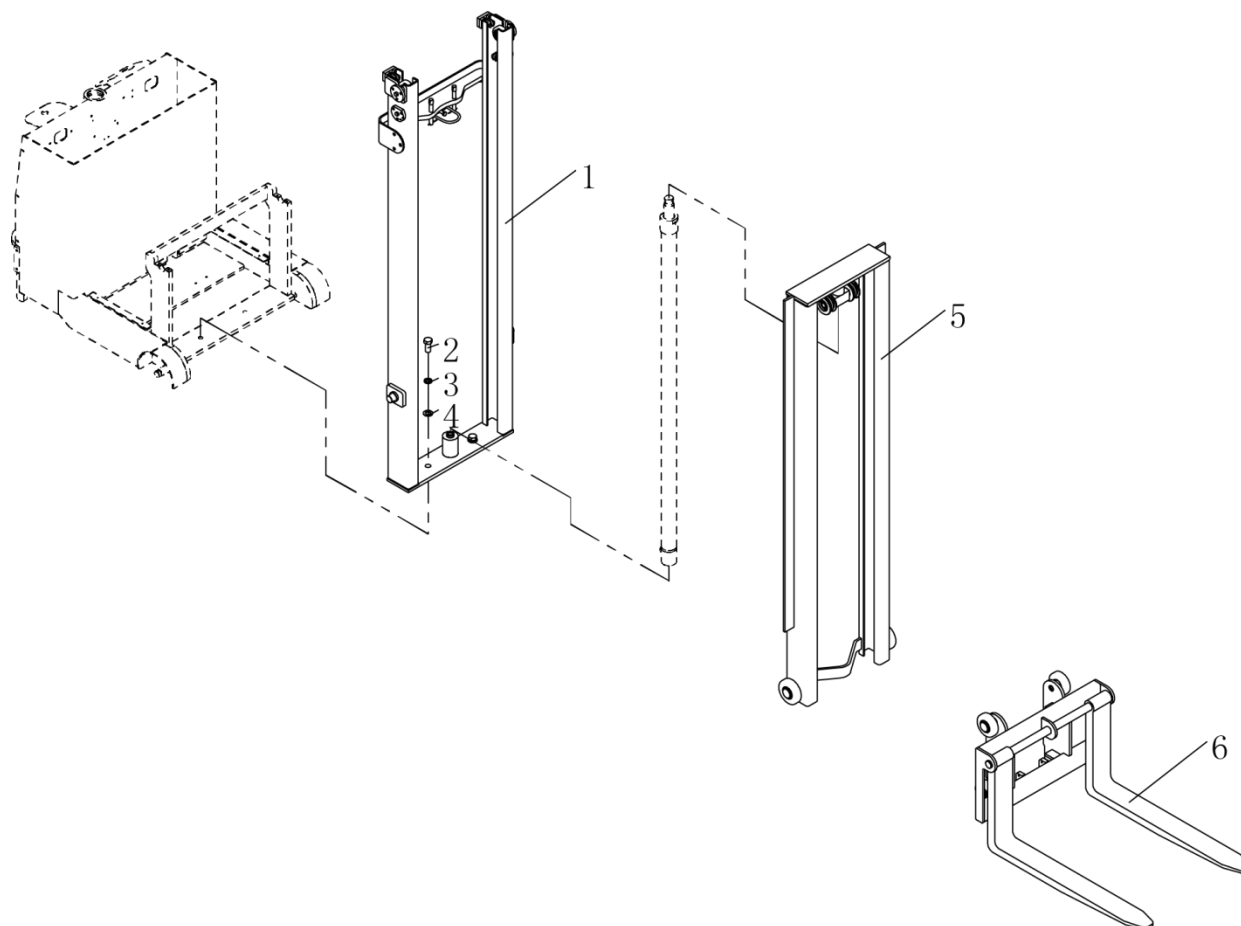


3.1 Door lift system

The serial number	Code name	The name of the	specifications	The number of
1	GB982-77	Combination gasket	Φ18	3
2	E7S-02.4.2B	hose		1
3	E1230X.03-5	Hollow bolt		1
4	GB/T 70.1-2000	Hexagon socket head screw	M8×20	2
5	GB/T 93-1987	Elastic washer	Φ8	2
6	GB/T 95-2002	Flat washer	Φ8	2
7	E07-02.4.1	Steel pipe		1
8	SN10.8-6	The tubing connector		1
9	GB982-77	Φ 16 composite gasket		1
10	G1/4	Explosion-proof valve		1
11	SN1030.8	Oil cylinder		1

4.Hoisting system

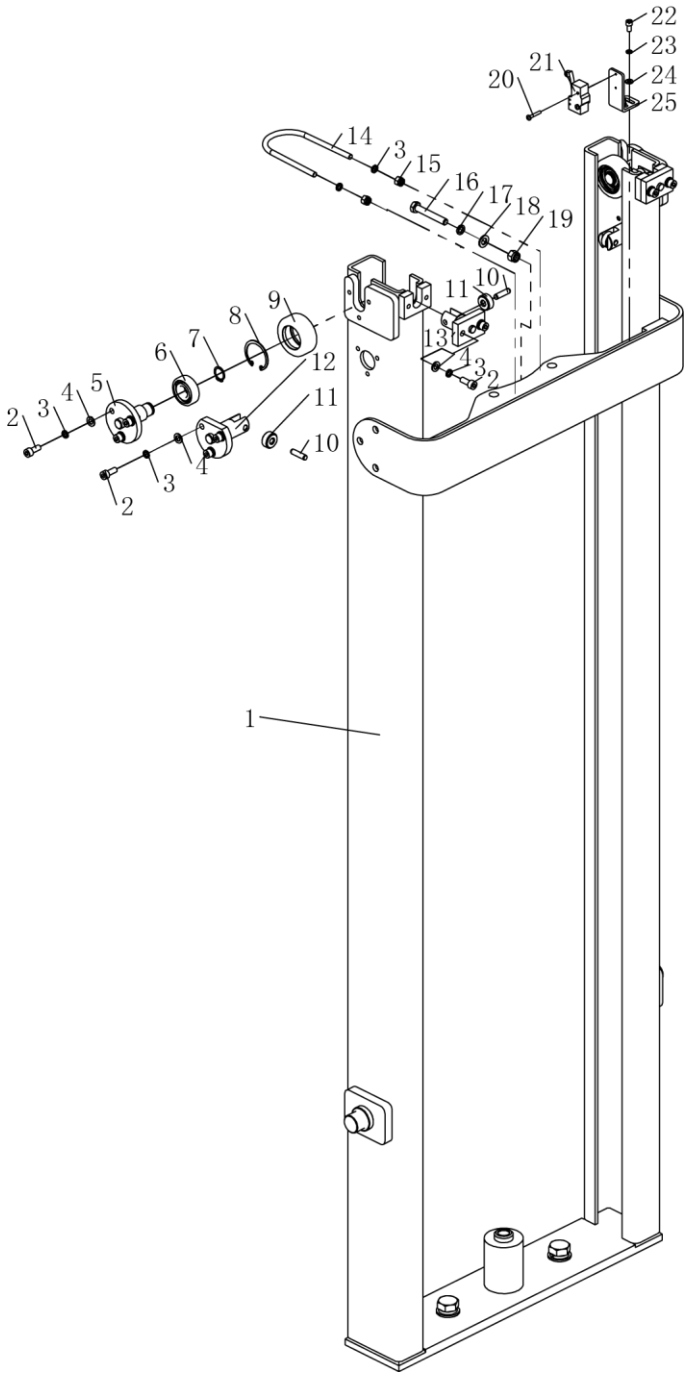
4.1 Door frame



4.1 Door frame

The serial number	Code name	The name of the	specifications	The number of
1	E0S-02.1	Outer door assembly (3 m)		1
2	GB/T 5783-2000	Hexagonal head bolt	M20×45	2
3	GB/T 93-1987	Elastic washer	Φ20	2
4	GB/T 97.1-2002	Flat washer	Φ20	2
5	E0S-02.2	Inner door frame assembly (3 m)		1
6	E0S-02.3	Pallet rack assembly		1

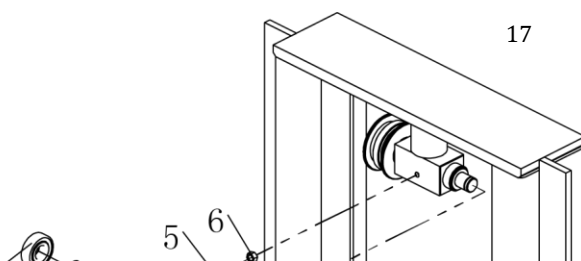
4.1.1 Outside portal frame assembly



4.1.10Outside portal frame assembly

The serial number	Code name	The name of the	specifications	The number of
1	E0S-02.1.1	Outside frame welding		1
2	GB/T 70.1-2000	Hexagon socket head screw	M8×20	16
3	GB/T 93-1987	Elastic washer	Φ8	18
4	GB/T 95-2002	Flat washer	Φ8	16
5	A10.7.1	Guide shaft block welding parts		2
6	GB/T 276-94	Deep groove ball bearing	6204	2
7	GB 894.1-86	The shaft USES an elastic retainer	20	2
8	GB 893.1-86	Spring retainer for hole	47	2
9	A10.7.1-3/CL10.7.3	Idler pulley		2
10	GB/T 119-2000	Cylindrical pin	8×30	4
11	A10.11-3	Limit wheel		4
12	A10.12	Left and right limit wheel bracket welding parts		2
13	A10.11	Rear stop bracket weld assembly		2
14	A10.0-2	Oil cylinder hoop		1
15	GB/T 889.1-2000	Hexagonal lock nut	M8	2
16	GB/T 5781-2000	Hexagon head bolt full thread	M10×65	1
17	GB/T 93-1987	Elastic washer	Φ10	1
18	GB/T 95-2002	Flat washer	Φ10	1
19	GB/T 889.1-2000	Hexagonal lock nut	M10	1
20	GB/T 818-2000	Cross slotted head screw	M4×25	2
21	TY-01.35	Rz-15gw2s-b3 micro switch (long)		1
22	GB/T 70.1-2000	Hexagon socket head screw	M6×12	2
23	GB/T 93-1987	Elastic washer	Φ6	2
24	GB/T 97.1-2002	Flat washer	Φ6	2
25	E1E.06-5	Limit switch mounting plate		1

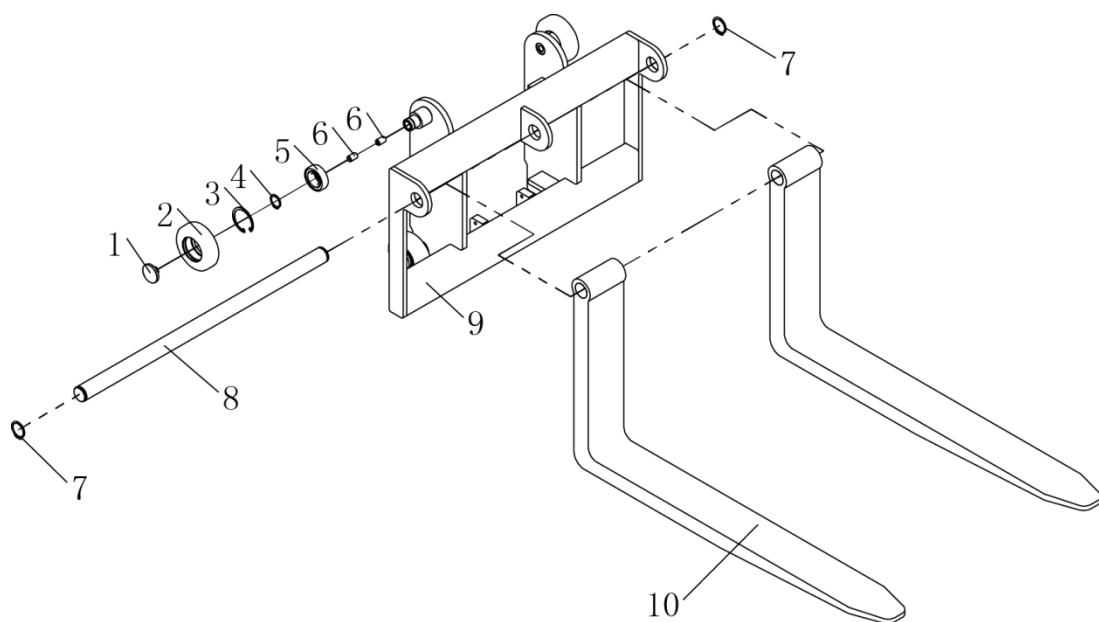
4.1.2 Interior door frame assembly



4.1.2 Interior door frame assembly

The serial number	Code name	The name of the	specifications	The number of
1	GB/T 276-94	Deep groove ball bearing	6204-2Z	2
2	GB 894.1-86	The shaft USES an elastic retainer	Φ20	2
3	GB 893.1-86	Spring retainer for hole	Φ47	2
4	A10.2-5	sprocket		2
5	GB/T 70.1-2000	Hexagon socket head screw	M8×25	1
6	GB/T 6170-2000	Hexagonal nut	M8	1
7	E7S-02.2.1	Welding of inner door frame (3 m)		1
8	GB/T 77-2000	Hexagon socket set screw	M12×20	4
9	GB/T 276-94	Deep groove ball bearing	6205-2Z	2
10	GB 894.1-86	The shaft is A elastic retaining ring	Φ25	2
11	GB 893.1-86	Spring retainer for hole	Φ52	2
12	A10.2-1	Inner door bracket roller		2
13	A10.3-3	Lateral pressure pad		2

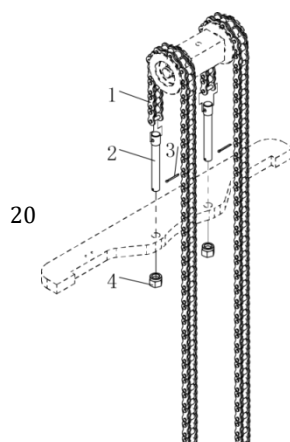
4.1.3 Carriage components



4.1.3 Carriage components

The serial number	Code name	The name of the	specifications	The number of
1	A10.3-3	Lateral pressure pad		4
2	A10.3-1	Pallet roller		4
3	GB 893.1-86	Spring retainer for hole	Φ52	4
4	GB 894.1-86	The shaft is A elastic retaining ring	Φ25	4
5	GB/T 276-94	Deep groove ball bearing	6205-2Z	4
6	GB/T 77-2000	Hexagon socket set screw	M12×20	8
7	GB 894.1-86	The shaft is A elastic retaining ring	32	2
8	A10.3-2	Long axis		1
9	H7S-02.3.1	Tray welding parts		1
10		New forging fork (820)		2

4.2 The chain components



4.2 Double cylinder chain parts

The serial number	Code name	The name of the	specifications	The number of
1	19.05A	The chain		2
2	A10.0-1	The chain tension bar		2
3	GB/T 91-2000	Split pin type A	2.5×25	2
4	GB/T 889.1-2000	Hexagonal lock nut	M14	2

Hoisting height	The chain specification	Chain models	The number of
118.11in	Section 102	19..05A	2