

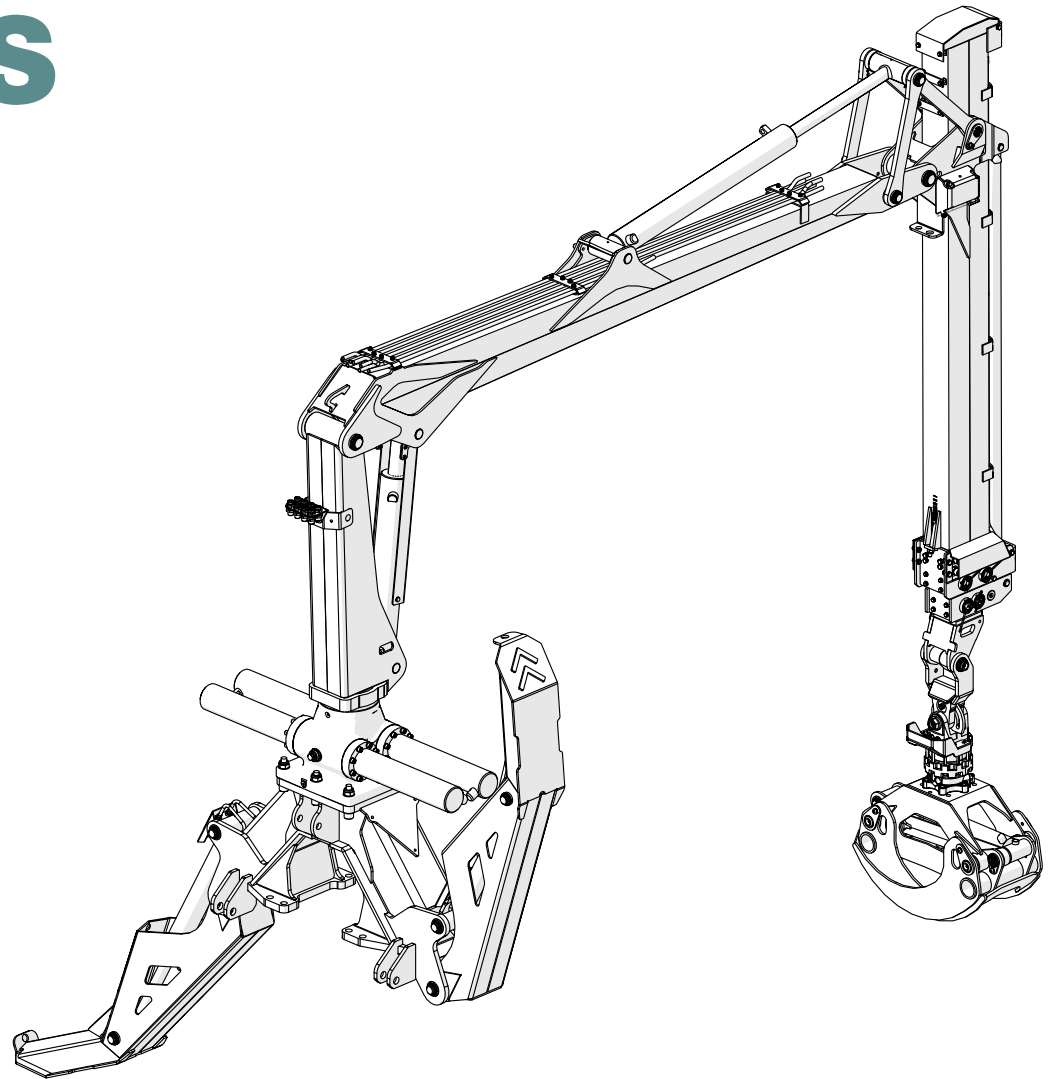
PALMS SPARE PARTS

5.85-CT FOREST CRANE

21 March 2025

Version 3.5

Production: February 2025 - ...



PALMS 5.85-CT

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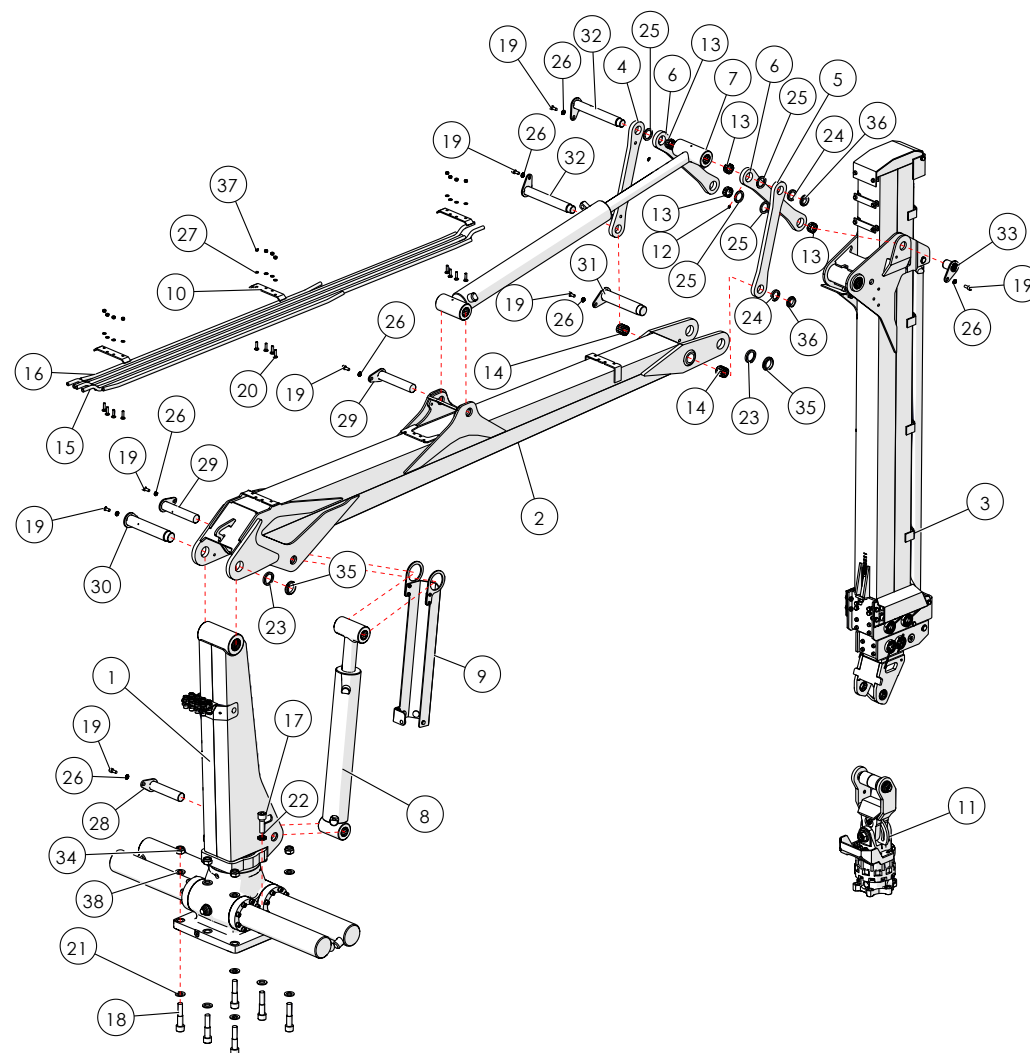
Mail: support@palms.eu

HOW TO ORDER SPARE PARTS?

When ordering spare parts, always give the following information:

- Serial number
- Designation of the machine
- Spare part(s) number
- Designation of the spare part
- Picture of the spare part(s) (if possible)

1.1 Palms 5.85-CT



1.2 Palms 5.85-CT Spare parts list

Pos.	Qty.	Description	Part No.
1	1	Slewing device and pillar	850.02.00.00-CT
2	1	Main boom	850.01.00.00H-CT
3	1	Extension boom	850.03.00.00B
4	1	Puller	850.00.00.01
5	1	Puller	850.00.00.01P
6	2	Puller	850.00.00.02B
7	1	Cylinder	sil.90-50-790
8	1	Cylinder	sil.105-60-575
9	1	Cylinder cover	850.04.00.00E
10	3	Pipe clamp	850.00.00.03
11	1	Palms brakelink**	RP9.00.00B_BR1
12	2	Grease nipple	M6x1_H1_DIN71412A
13	4	Bronze bushing	FB0924020
14	2	Bronze bushing	FB0924040
15	6	Main boom rigid pipe****	700.PT1
16	2	Main boom rigid pipe****	850.PT1B
17	2*	Hex socket head cap bolt	M24x70_DIN912-10.9
18	6*	Hex socket head cap bolt	M24x110_DIN912-10.9***
19	9	Hex socket head cap bolt	M12x25_DIN912-8.8
20	12	Mushroom head square neck bolt	M8x35_DIN603-4.6
21	6*	Washer	M24_DIN125-300HV
22	2*	Heico-Lock washer	M24_DIN25201
23	2	Pin washer	TS-45.5-50.5-60
24	2	Pin washer	TS-35.5-40.5-50
25	4	Distance washer	DS-41x55x4.5
26	9	Heico-Lock washer	M12_DIN25201
27	12	Washer	M8_DIN125
28	1	Locking pin	TL-40-186B
29	2	Locking pin	TL-40-203-00
30	1	Modular threaded pin	TLK-50-241-00
31	1	Modular threaded pin	TLK-50-221-00

Pos.	Qty.	Description	Part No.
32	2	Modular threaded pin	TLK-40-272-00
33	2	Locking pin	TL-40-48-00
34	6*	Nylock nut	M24_DIN985-10
35	2	CRN nut	45x1.5_CRN
36	2	CRN nut	35x1.5_CRN
37	12	Nylock nut	M8_DIN985
38	6*	Washer	WASHER_25x38x2.5

*Table above describes crane attachment bolts, washers and nuts for support legs with 6 unthreaded through holes and 2 threaded holes.

When attaching crane to support legs with 8 unthreaded through holes use details 18, 21, 34 and 38 for all 8 attachment holes.

Spare part number for double brake link is **RP9.00.00B_BR2

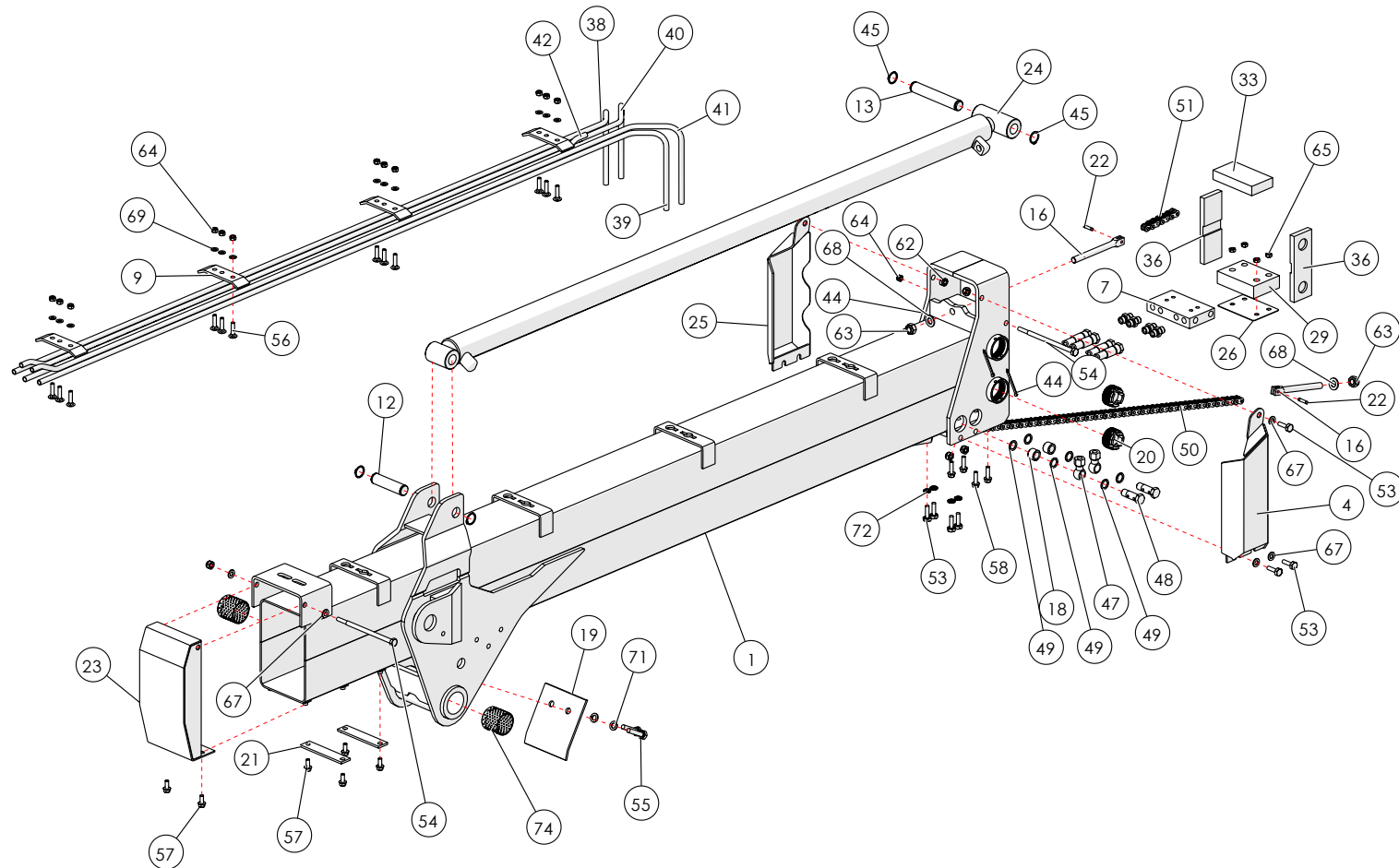
***When mounting crane to B9/B09 support leg use M24x120_DIN912-10.9 bolts.

**** Main boom rigid pipes for AH configuration:

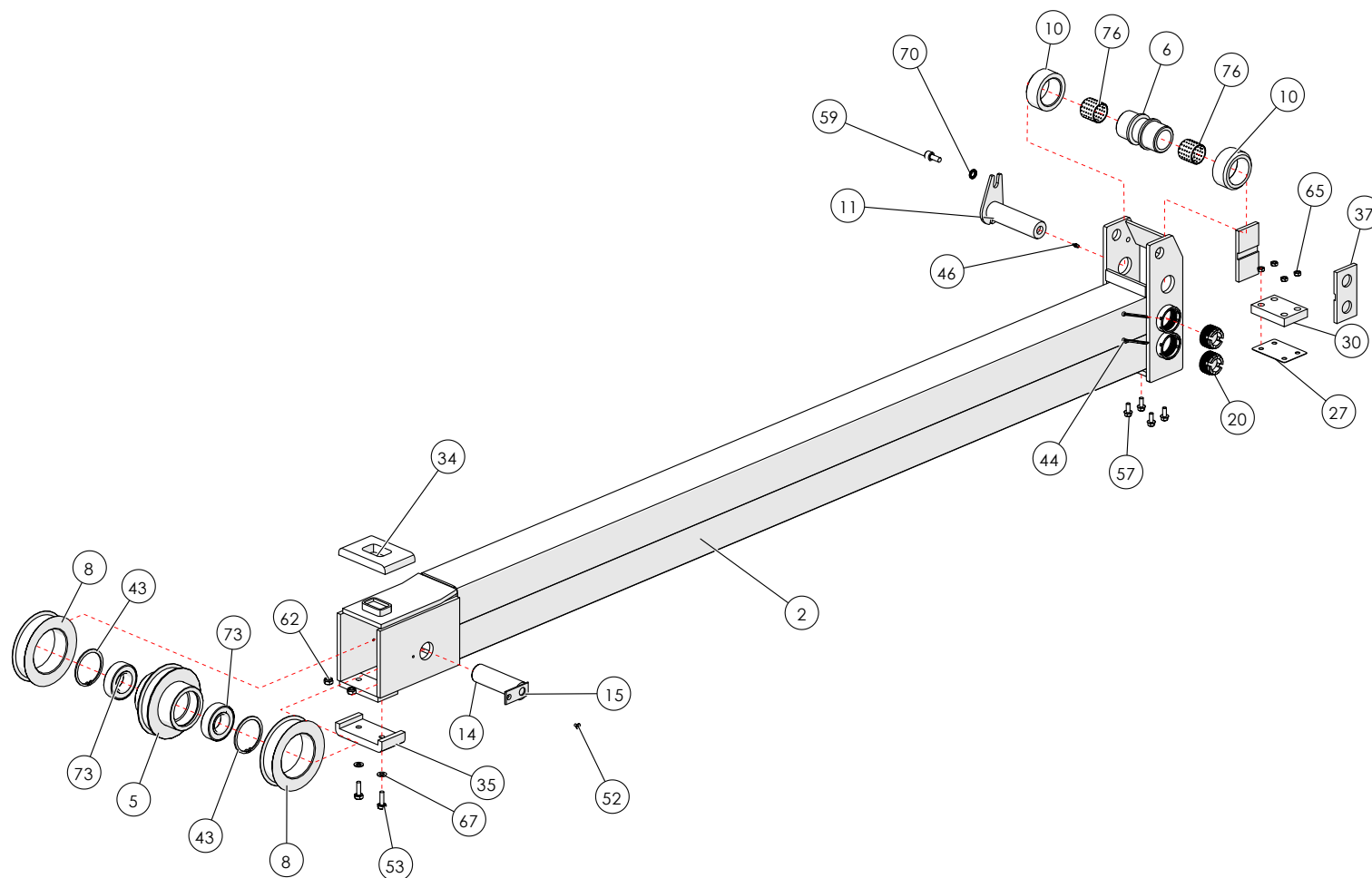
Code: 850.PT1-SAB. QTY: 2 pcs

Code: 700.PT1-SAB. QTY: 6 pcs

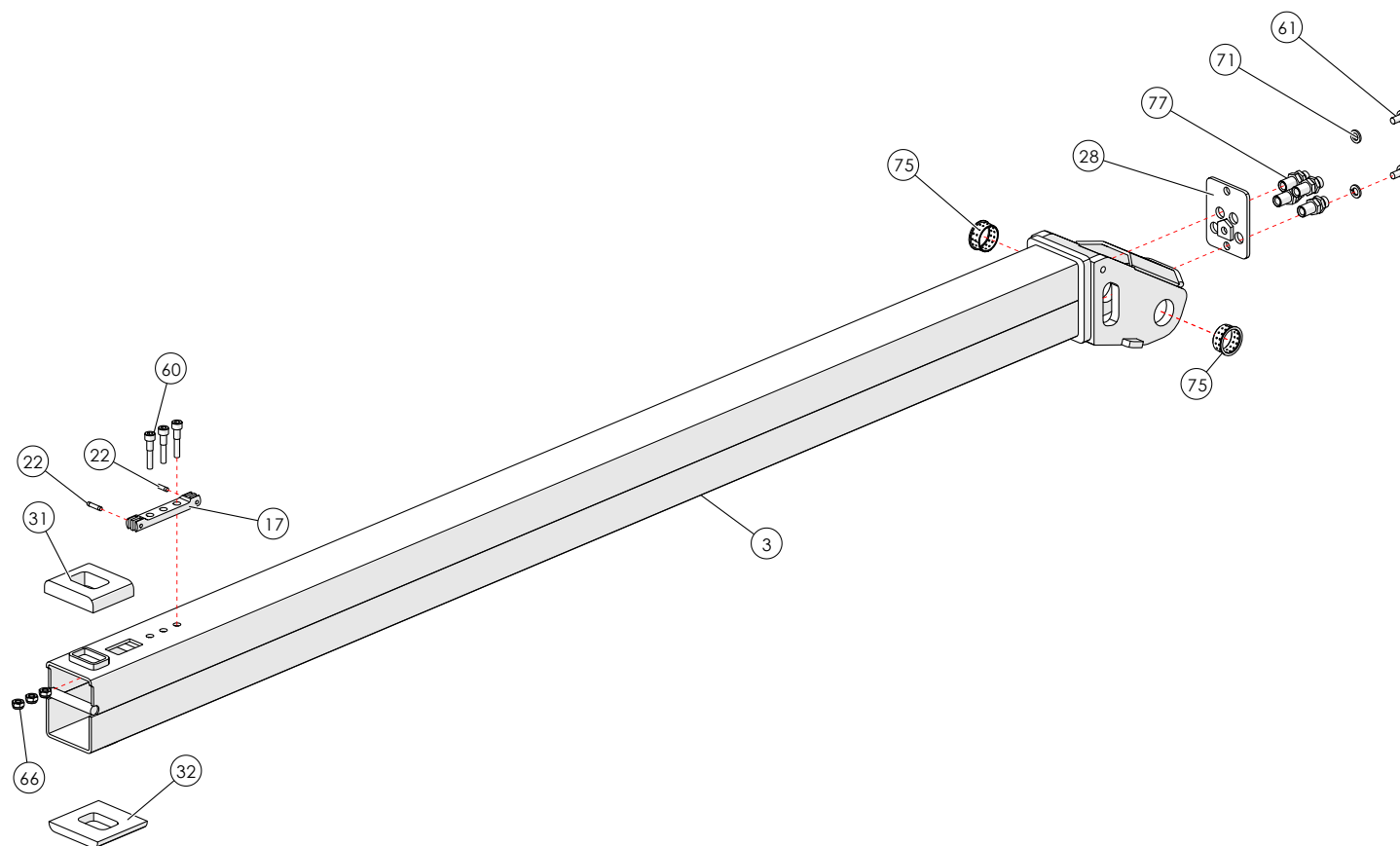
1.3 850.03.00.00B Extension boom



1.4 850.03.00.00B Middle telescope



1.5 850.03.00.00B Telescope



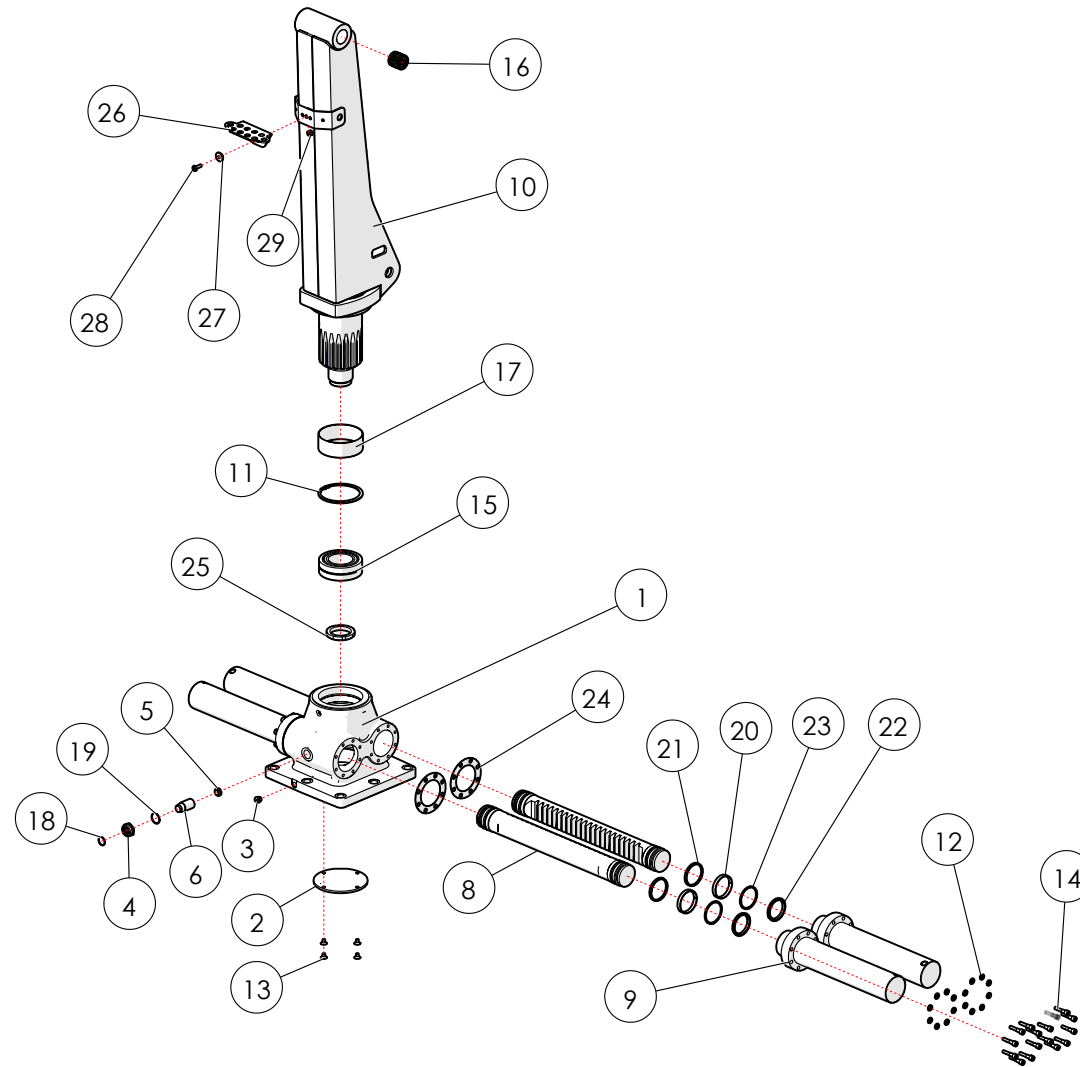
1.6 850.03.00.00B Spare parts list

Pos.	Qty.	Description	Part No.
1	1	Extension boom	850.03.01.00G
2	1	Middle telescope	850.03.02.00
3	1	Telescope	850.03.08.00D
4	1	Cover	850.03.05.00
5	1	Chain roller	840.00.00.01C
6	1	Chain roller	840.00.00.02.M
7	1	Hydraulic block	840.00.00.06
8	2	Hose roller	840.00.00.09B
9	4	Extension boom tube clamp	850.03.00.01
10	2	Roller	840.00.00.12B
11	1	Axle	T-40-143
12	1	Retaining ring pin	LR-25-91
13	1	Retaining ring pin	LR-25-142
14	1	Axle	840.00.00.16B
15	1	Axle heel	840.00.00.17B
16	2	Chain tensioner	840.00.00.18A
17	1	Fixator	840.00.00.19C
18	4	Bushing	840.00.00.25
19	1	Holder	700.00.00.04
20	8	Slider support bolt	840.00.00.LP6B
21	2	Hose clamp	700.00.00.25
22	4	Chain pin	TIHVT-5.95-28.10
23	1	Cover	850.03.04.00
24	1	Cylinder	sil.55-36-1650
25	1	Cover	850.03.05.00P
26	1	Distance plate	850.03.00.04
27	1	Distance plate	850.03.00.05
28	1	Adapter plate	850.03.09.00
29	1	Extension boom lower slider	840.00.00.07B
30	1	Middle telescope lower slider	840.00.00.08
31	1	Telescope upper slider	840.00.00.PL3B

Pos.	Qty.	Description	Part No.
32	1	Telescope lower slider	840.00.00.PL7B
33	1	Extension boom lower and upper slider	700.00.00.12
34	1	Middle telescope rear upper slider	850.00.00.PL4B
35	1	Middle telescope rear lower slider	850.00.00.PL3B
36	2	Extension boom side slider	850.00.00.PL1
37	2	Middle telescope front side slider	850.00.00.PL2
38	1	Extension boom tube	850.JT1
39	1	Extension boom tube	850.JT1P
40	1	Extension boom tube	850.JT2
41	1	Extension boom tube	850.JT2P
42	1	Extension boom tube	840.JT3
43	2	Retaining ring	D80x2.5_DIN472
44	8	Split pin	5x71_DIN94
45	4	Retaining ring	D25x1.2_DIN471
46	1	Grease nipple	M6x1_H1_DIN71412A
47	4	Banjo nut	BANJO-3_8_NUT
48	4	Banjo bolt	BANJOBOLT-3_8L
49	12	Seal	USIT-17.2x23.9x2.1
50	1	Lower chain	LH1044-152
51	1	Upper chain	LH1044-128
52	1	Inner hex head bolt	M6x10_DIN7991-8.8
53	12	Hex head bolt	M10x30_DIN933-8.8
54	2	Hex head bolt	M10x180_DIN931-8.8
55	2	Hex head bolt	M12x50_DIN933-8.8
56	12	Mushroom head square neck bolt	M8x35_DIN603-4.6
57	10	Wülock bolt	M8x20_DIN6921_WÜLOCK
58	4	Wülock bolt	M8x30_DIN6921_WÜLOCK
59	1	Hex head bolt	M12x25_DIN912-8.8
60	3	Hex head bolt	M10x50_DIN912-12.9
61	2	Hex socket head cap bolt	M12x20_ISO7380-10.9
62	9	Nylock nut	M10_DIN985
63	2	Nylock nut	M14_DIN985
64	13	Nylock nut	M8_DIN985

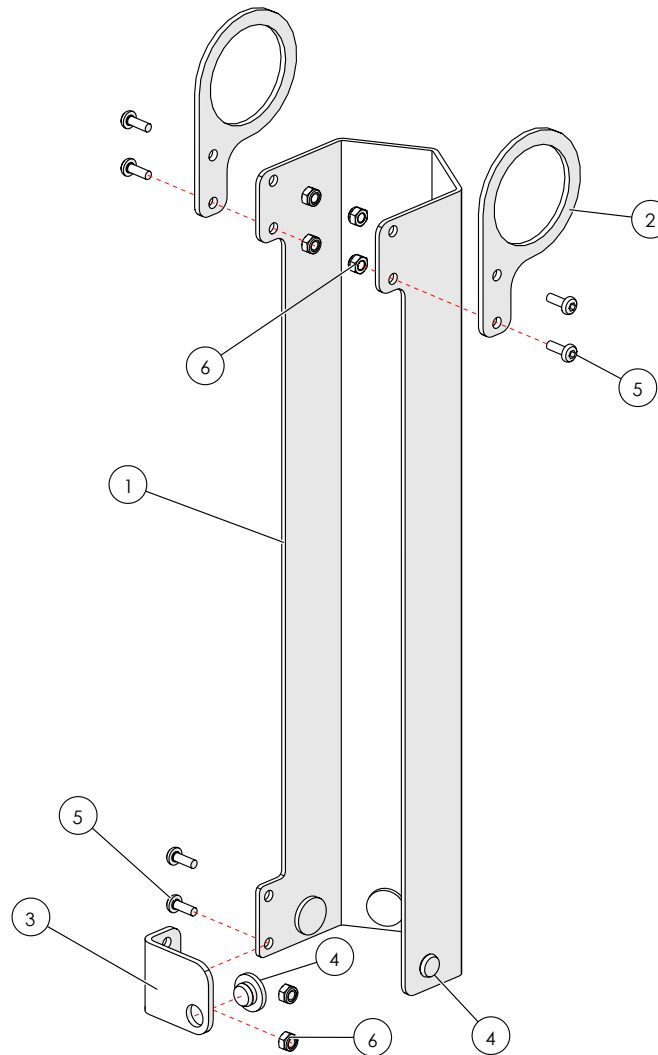
Pos.	Qty.	Description	Part No.
65	8	Nut	M8_DIN934
66	3	Nylock nut	M10_DIN985-10
67	10	Washer	M10_DIN125
68	2	Washer	M14_DIN125
69	12	Washer	M8_DIN125
70	1	Heico-Lock washer	M12_DIN25201
71	4	Spring washer	M12_DIN127B
72	4	Heico-Lock washer	M10_DIN25201
73	2	Bearing	62208_2RS
74	2	Bronze bushing	FB0925050
75	2	Bronze bushing	FBB0924022_HARDENED
76	2	Bronze bushing	FB0924040
77	4	Adapter	SBU_12L-M18

1.7 850.02.00.00-CT



1.8 850.02.00.00-CT spare parts list

Pos.	Qty.	Description	Part No.
1	1	Slewing housing	850.02.00.01B
2	1	Cover	700.00.00.09C
3	2	Bolt with washer	SP_M18x1.5
4	2	Slewing housing locking nut	700.00.00.06
5	2	Support bolt bronze	700.00.00.08-L7
6	2	Support bolt	700.00.00.07
7	1	Grease nipple	M10x1_H1_DIN71412A
8	2	Gear rack	850.02.00.03B
9	4	Hollow	850.02.00.02B
10	1	Pillar	850.02.01.00J
11	1	Retaining ring	D160x4.0_DIN472
12	32	Spring washer	M12_DIN127B
13	4	Bolt	M12x16_DIN7991-10.9
14	32	Bolt	M12x55_DIN912-10.9
15	1	Spherical roller bearing	23218CC_W33
16	2	Bronze bushing	FB0925050
17	1	Bronze bushing	FB09216060
18	2	O-ring	30-2_DIN3771
19	2	O-ring	38-2_DIN3771
20	4	Slider	90x84x12.8_KBK
21	4	Wiper	90x81.4x6.5_PPW
22	4	Piston seal	90x75x9.3_U-ring-T18
23	4	Support ring	80x89x2.4_T18-TR
24	4	Seal for hollow	TIH-8-100
25	1	Axle nut	M80x2_DIN981
26	1	Holder	850.02.00.05
27	1	Bushing	850.02.00.06
28	1	Bolt	M12x30_ISO7380-10.9
29	1	Nylock nut	M12_DIN985

1.9 850.04.00.00E

1.10 850.04.00.00D spare parts list

Pos.	Qty.	Description	Part No.
1	1	Cover	850.04.00.02D
2	2	Holder	850.04.00.01C
3	1	Support	850.04.00.03
4	5	Slider button	700.12.00.03B_L4
5	6	Hex socket head cap bolt	M8x20_ISO7380-10.9
6	6	Nylock nut	M8_DIN985

1.11 Cylinder spare parts

Cylinder	Bronze bushing		Seal kit	
	Part No.	Qty.	Part No.	Qty.
Sil.105-60-575	FB0924040	4	*	*
Sil.90-50-790	FB0924040	4	KJ6195KV	1
Sil.55-36-1650	*	*	KJ6176KV	1