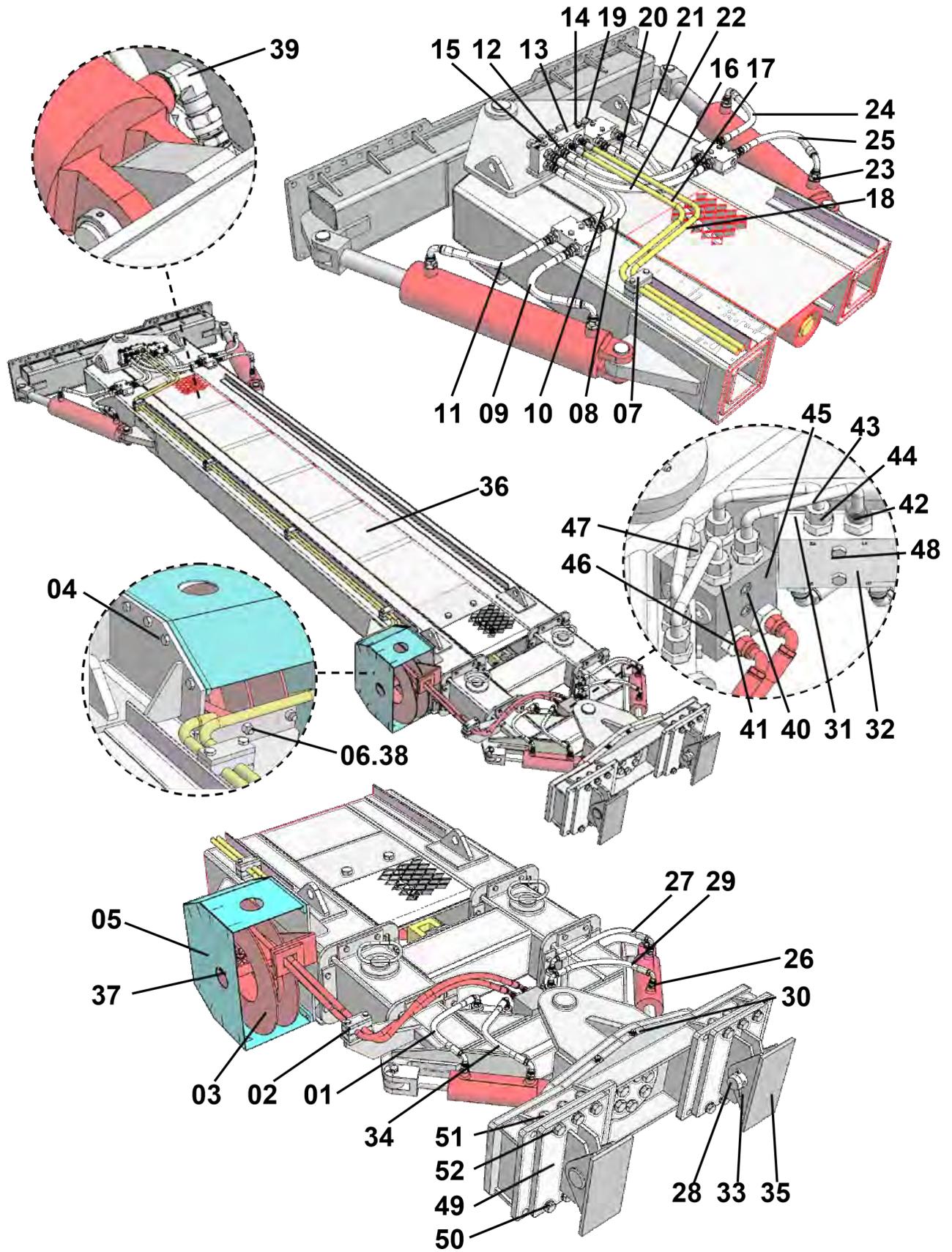


2000 Hydraulic Spotter Parts Manual



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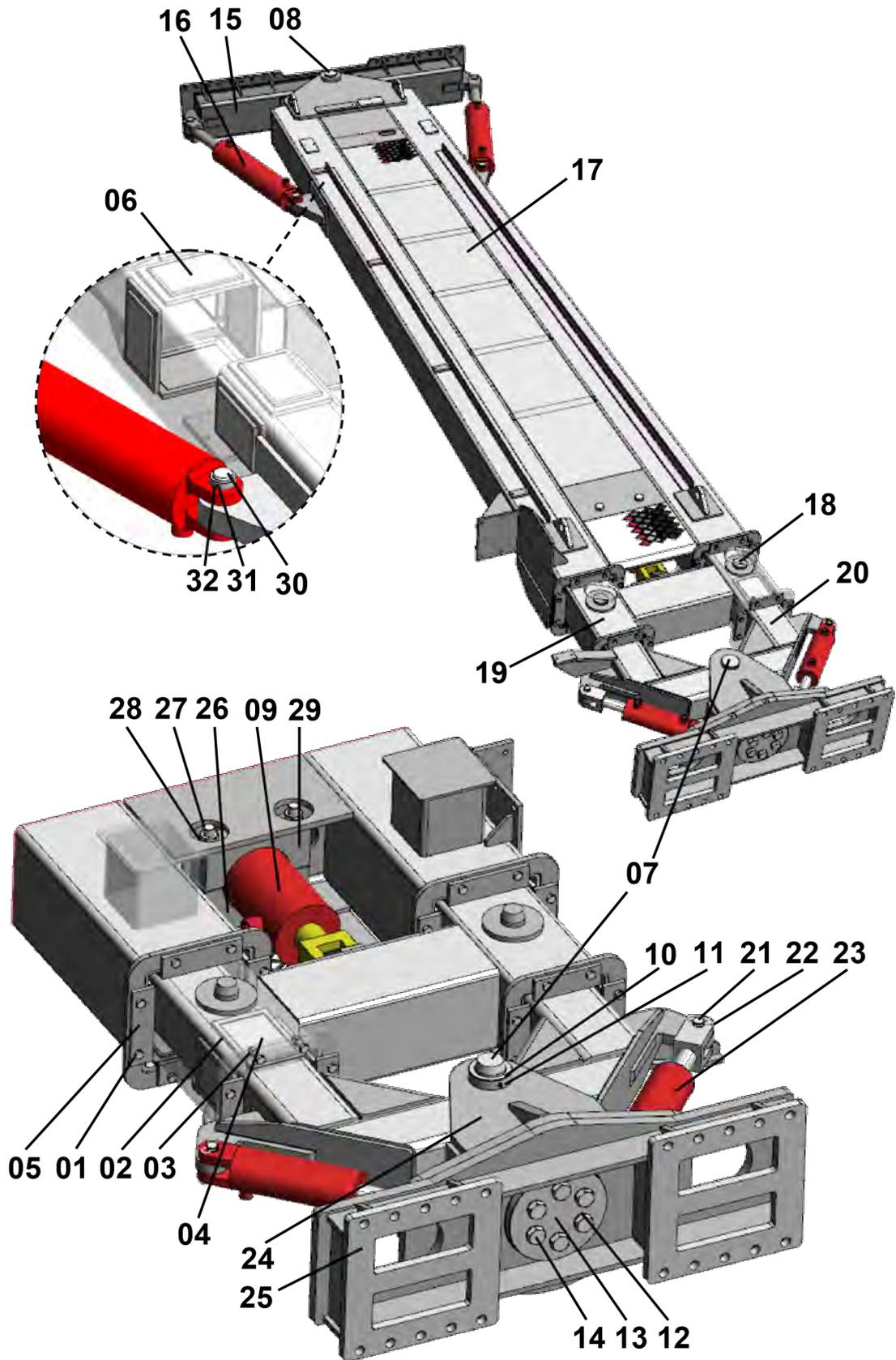


2000 Hydraulic Spotter (2000)

Serial number	Figure number	Name		quantity	number
No.	Parts – no.	Description		Q. ty	Order-no.
–	2000	2000 Hydraulic Positioning Instrument	2000hydraulic spotter	/	
01	2000.02d	Tubing assembly		1	
02	DH160.09.09	Hose chuck		1	
03	TH7000 TW	Reel		1	
04	GB5783-2000	Hex bolt M12x25, grade 8.8		10	
05	2000.14	Reel guard (see page 12).		1	
06	GB5783-2000	Hex bolt M12x30, grade 8.8		4	
07	DH160.09.09A	Hose chuck		4	
08	2000.08a	Tubing assembly		1	
09	2000.05a	Tubing assembly		1	
10	2000.08b	Tubing assembly		1	
11	2000.04a	Tubing assembly		1	
12	12F42EDMX	Pass-through connectors		20	
13	2000-1	Connecting blocks		1	
14	GB97.1-2000	Allen Bolt M10x100		2	
15	HY90.01.00-3	Plug G3/4		4	
16	2000.06	Tubing assembly		1	
17	2000.09a	Tubing assembly		1	
18	2000.09b	Tubing assembly		1	
19	12FNTX	Dust nut		6	
20	2000.10	Tubing assembly		1	
21	2000.08c	Tubing assembly		1	
22	2000.07	Tubing assembly		1	

23	12F50X	Pass-through connectors		4	
24	2000.04b	Tubing assembly		1	
25	2000.05b	Tubing assembly		1	
26	8 F50X-S	Pass-through connectors		4	
27	2000.02b	Tubing assembly		1	
28	40512B	8"x4" pins		2	
29	2000.02a	Tubing assembly		1	
30	DH46.01.02.02	Flat head fuel nozzle		2	
31	40246	Base plate		2	
32	VRDL-03_4	Two-way hydraulic lock (Shanyan)		5	
33	GB/T91-2000	cotter pins 8x80		2	
34	2000.02C	Tubing assembly		1	
35	8004995	Connectors		2	
36	2000.01	Hydraulic positioner (see page 5).		1	
37	8_CTX-S	90 degree bend joint		2	
38	GB6170-2000	Hex nut M12		4	
39	12_C50X	90 degree joint		2	
Serial number	Figure number	Name		quantity	number
No.	Parts – no.	Description		Q ty	Order-no.
40	GB97.1-2000	Allen Bolt M10x90 Grade 8.8		2	
41	GE14ZSR3_4EDOMD71	Pass-through connectors		8	
42	DPR14S71X	Card sleeves		8	
43	2000-3	Connecting pipes		2	
44	M14SCFX	Nuts		8	
45	2000-2	Connecting blocks		1	
46	8_12F42EDMXS	Pass-through connectors		8	
47	2000-4	Connecting pipes		2	
48	GB5782-2000	Hex bolt M10x55 grade 8.8		10	

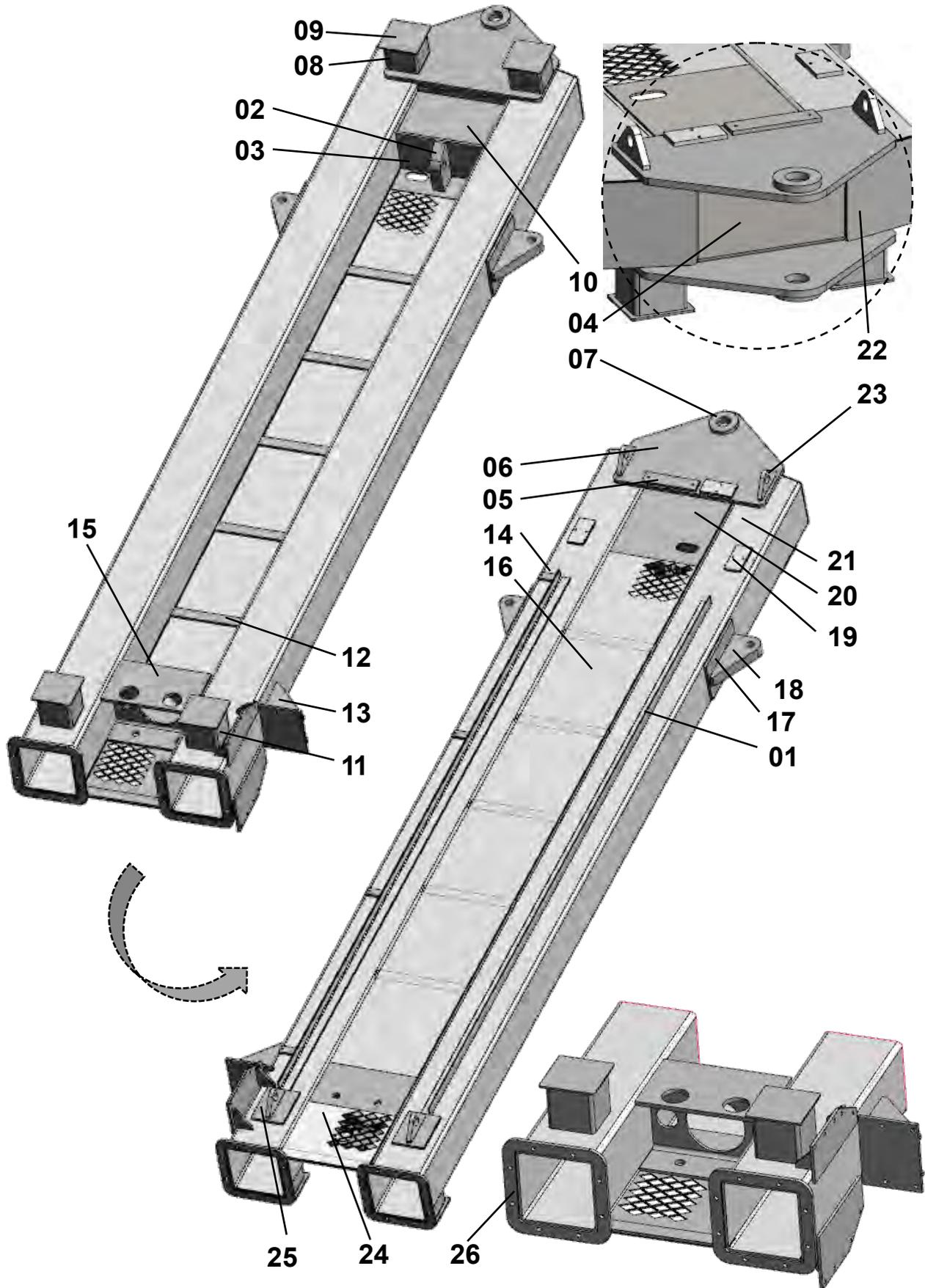
49	8005679	Active connectors		2	
50	GB/T5783-2000	Hex bolt full thread M20x70		12	
51	GB/T6170-2000	Hex Nuts C Grade M20 Grade 10		12	
52	/	Toothed washer 20		12	



Hydraulic Positioning
Instrument (**2000.01**).

Serial number	Figure number	Name		quantity	number
No.	Parts – no.	Description		Q. ty	Order-no.
–	2000.01	Hydraulic positioner	2000 spotter	/	
01	GB5783-2000	Hex bolt M12x40 grade 8.8		32	
02	40773	Fixing frame (see page 14).		8	
03	GB6170-2000	Hex nut M12		32	
04	40756	Wear plates RCH1000 engineering plastics		16	
05	40774	Fixing frame (see page 14).		8	
06	40756-1	Wear plates RCH1000 engineering plastics		16	
07	41462	Pin		1	
08	40234	Pin		1	
09	30136	125/63-3963 Cylinder		1	
10	40232	Retaining ring		2	
11	GB879.1-2000	Resilient cylindrical pin 10x100		2	
12	DIN9250-A24	Toothed washer 24		6	
13	40264-01	Rotation axis		1	
14	GB5783-2000	Hex Bolt M24x80 Grade 8.8		6	
15	30175-01	Connecting beams (see page 14).		1	
16	30163	125/63-870 Cylinder		2	
17	20380	tail lifter (see page 8).		1	
18	40755-01	Locking pins		2	

19	20381	middle lifter (see page 10).		1	
20	20382	Head lifter (see page 10).		1	
21	287030-1	Pin		4	
22	287030-2	Pin		8	
23	80_40-410	80/40-410 cylinder		2	
24	30302	Connector (see page 13).		1	
25	30303	movable connector (see page 13).		1	
26	8004924	briquettes		1	
27	GB5782-2000	Hex bolt M24x260		2	
28	GB6170-2000	Hex nut M24		2	
29	8004923	briquettes		1	
30	41462-1	Pin		6	
31	40232-1	Retaining ring		6	
32	GB879.1-2000	Elastic cylindrical pin 6x55		6	

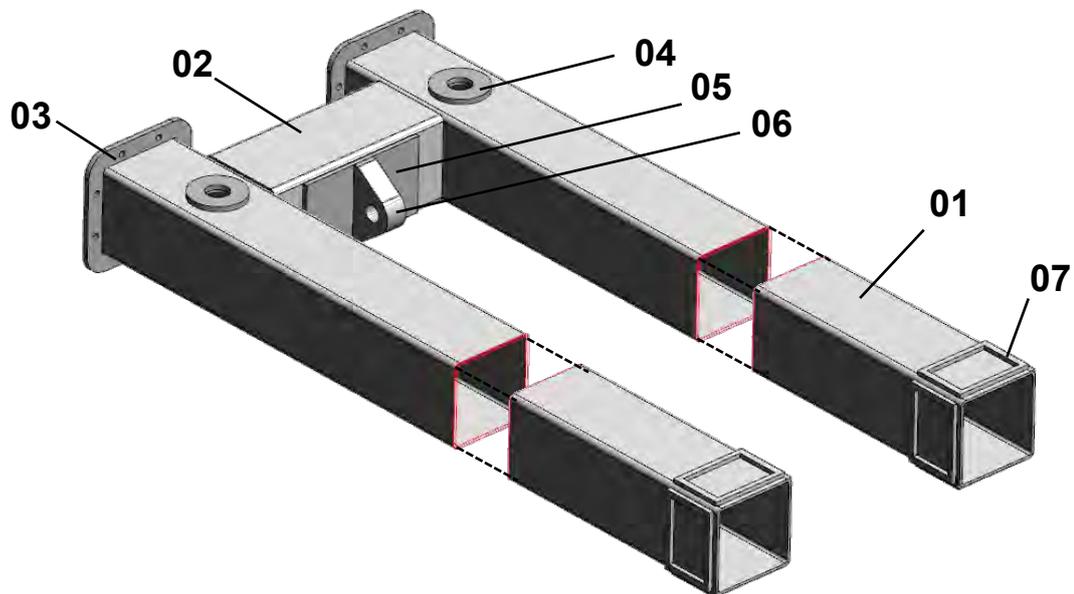


Tail lifter (20380).

Serial number	Figure number	Name	quantity	number
No.	Parts – no.	Description	Q. ty	Order-no.
–	20380	tail lifter	/	
01	2000-9	5# angle iron	2	
02	40760	ear plate	1	
03	8004894	board	1	
04	8004890	Square tube	1	
05	40246-2	Base plate	1	
06	41466	ear plate	2	
07	8004899	Round plate	2	
08	8004896	Square tube	2	
09	8004898	board	4	
10	8004893	board	1	
11	8004897	Square tube	2	
12	20380-01	Diamond-shaped steel plate mesh reinforcement board	6	
13	2000.13	Reel and shroud mount (see page 11).	1	
14	DH160.09.09-3	Connecting plates	4	
15	41465	H steel beam	1	
16	8004927	Diamond-shaped steel mesh	1	
17	8004895	board	2	
18	40871	ear plate	2	
19	40246	Base plate	3	
20	8004901	board	1	
21	8004891	Square tube	2	
22	8004889	board	2	
23	40762	ear plate	4	

24	8004928	Diamond-shaped steel mesh		1	
25	8004892	board		2	
26	40759	Flange plate		2	

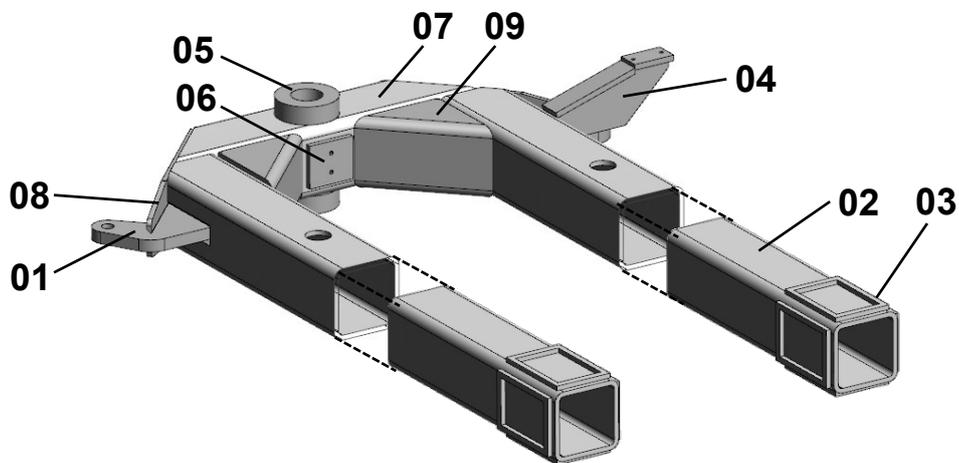
*This part is welded



Central Lifter (20381).

Serial number	Figure number	Name		quantity	number
No.	Parts – no.	Description		Q. ty	Order-no.
-	20381	Central tappet		/	
01	8004902	Square tube		2	

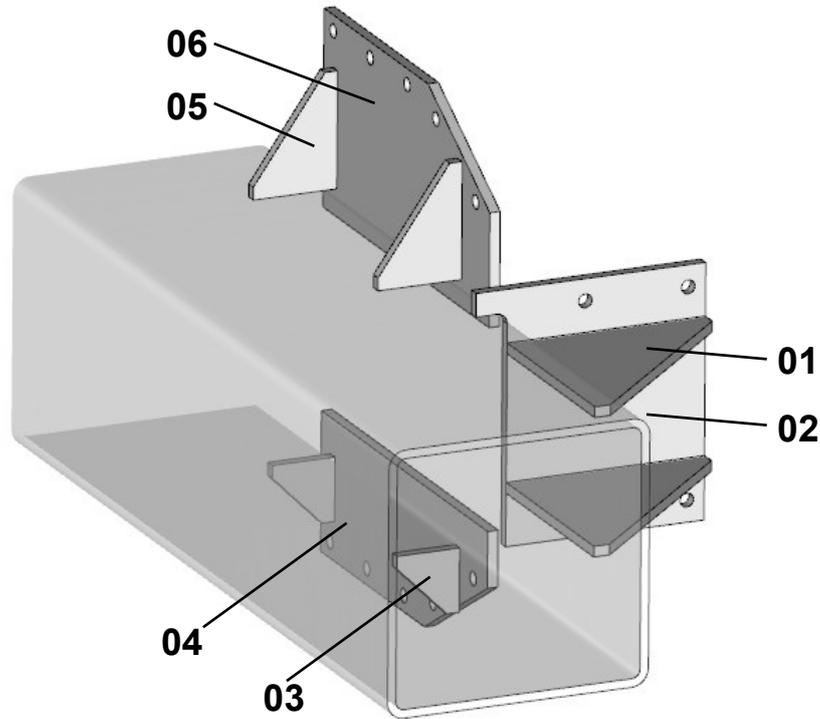
02	8004905	Square tube		1	
03	40763	Fran		2	
04	8004903	Round plate		4	
05	8004904	Liner		1	
06	40764	ear plate		1	
07	40761	Limit plate		8	



Head lifter (20382).

Serial number	Figure number	Name	quantity	number
No.	Parts – no.	Description	Q ty	Order-no.
-	20382	Head tappet	/	
01	41468	Croissant	2	
02	8004906	Square tube	2	
03	40761	Limit plate	8	
04	2000.15	bracket (see page 12).	1	
05	8004907	Liner	2	
06	40764	Round plate	1	

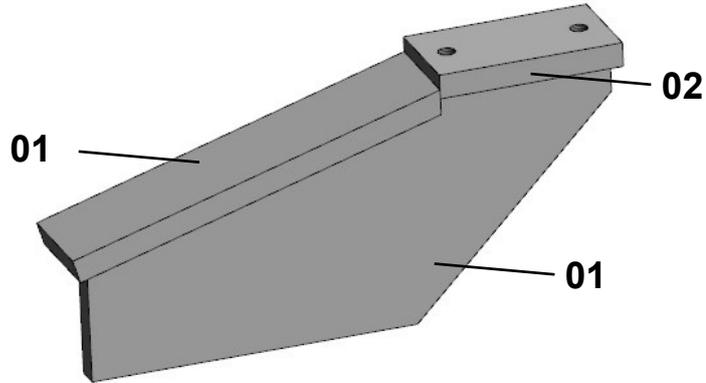
07	8004908	Square tube		1	
08	41467	Muscle plates		2	
09	8004909	Angular tendons		2	



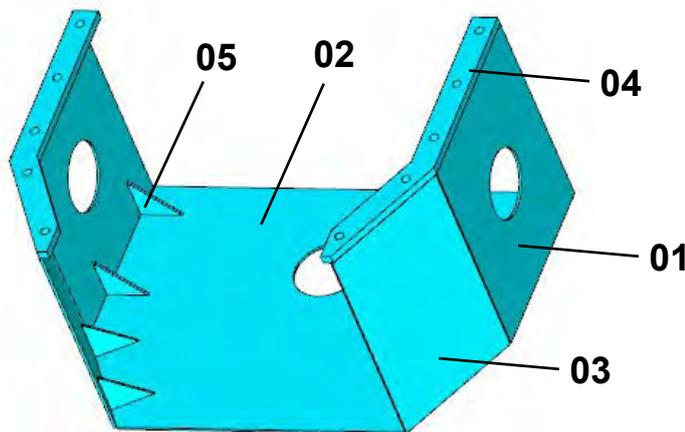
Reel & Guard Mount (2000.13).

Serial number	Figure number	Name	quantity	number
No.	Parts – no.	Description	Q. ty	Order-no.
–	2000.13	Reel and shroud mount	/	
01	2000.13-1	Deltoid planks	2	
02	2000.13-2	Base plate	1	
03	2000.13-3	deltoid muscles	2	
04	2000.13-4	lower connection plate	1	
05	2000.13-5	deltoid muscles	2	

06	2000.13-6	Upper connection plate		1	

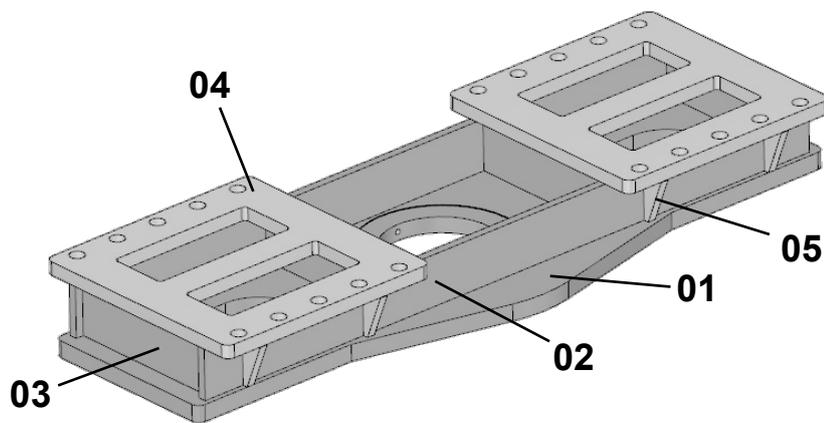

Stand 2000.15 ()

Serial number	Figure number	Name	quantity	number
No.	Parts – no.	Description	Q. ty	Order-no.
-	2000.15	Stents	/	
01	2000.15-1	board	1	
02	2000.15-2	board	1	
03	2000.15-3	board	1	


Reel Guard 2000.14

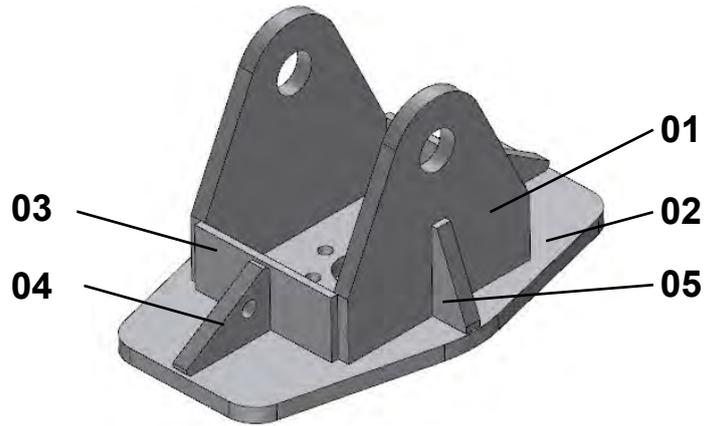
Serial number	Name	quantity	number
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No.	Parts – no.	Description	Q. ty	Order-no.
-	2000.14	Reel guard	/	
01	2000.14-1	board	2	
02	2000.14-2	board	1	
03	2000.14-3	board	2	
04	2000.14-4	Pad	2	
05	2000.14-5	deltoid muscles	8	



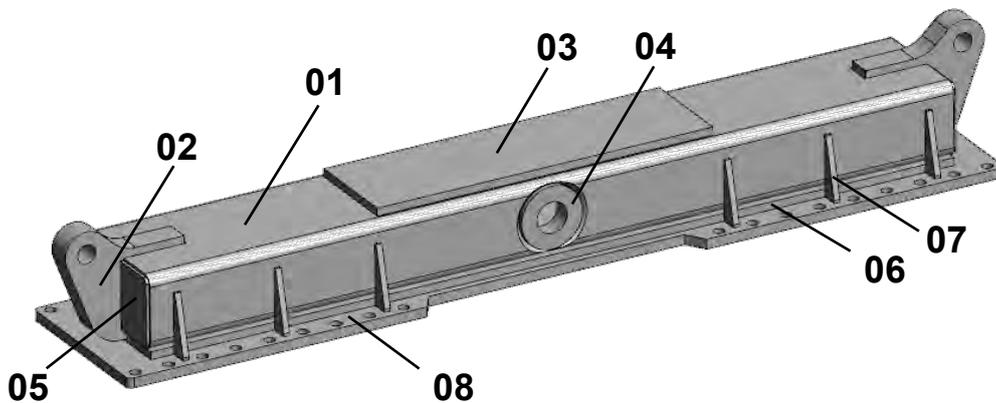
Movable Connector (30303).

Serial number	Figure number	Name	quantity	number
No.	Parts – no.	Description	Q. ty	Order-no.
-	2000.15	Movable connector holder	/	
01	41473	board	1	
02	8004917	board	2	
03	8004918	board	4	
04	8005678	board	2	
05	8005693	deltoid muscles	8	



Connector (30302).

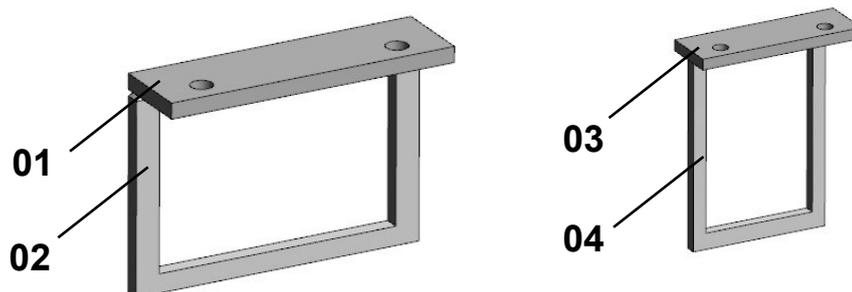
Serial number	Figure number	Name		quantity	number
No.	Parts – no.	Description		Q. ty	Order-no.
-	30302	Connectors		/	
01	41471	ear plate		2	
02	41469	Base plate		1	
03	8004914	Muscle plates		2	
04	41470	deltoid muscles		2	
05	41472	deltoid muscles		2	



Connector 30175-01)

Figure number	number	Name	quantity	number
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No.	Parts – no.	Description	Q. ty	Order-no.
–	30175-01	Connecting beams	/	
01	30175-01-1	Rectangular tube	1	
02	40869	Connecting blocks	2	
03	30175-01-3	Plate one	1	
04	30175-01-4	Pin hole sleeve	2	
05	30175-01-2	Sealing board	4	
06	30175-02	board	1	
07	8005692	Muscle plates	12	
08	8005766	board	1	



Fixed frame (40774, 40773).

Serial number	Figure number	Name	quantity	number
No.	Parts – no.	Description	Q. ty	Order-no.
–	40774	Fixing frame	/	
01	8004920	board	1	
02	40761-1	Limit plate	1	
–	40773	Fixing frame	/	

03	8004921	board		1	
04	40761-2	Limit plate		1	