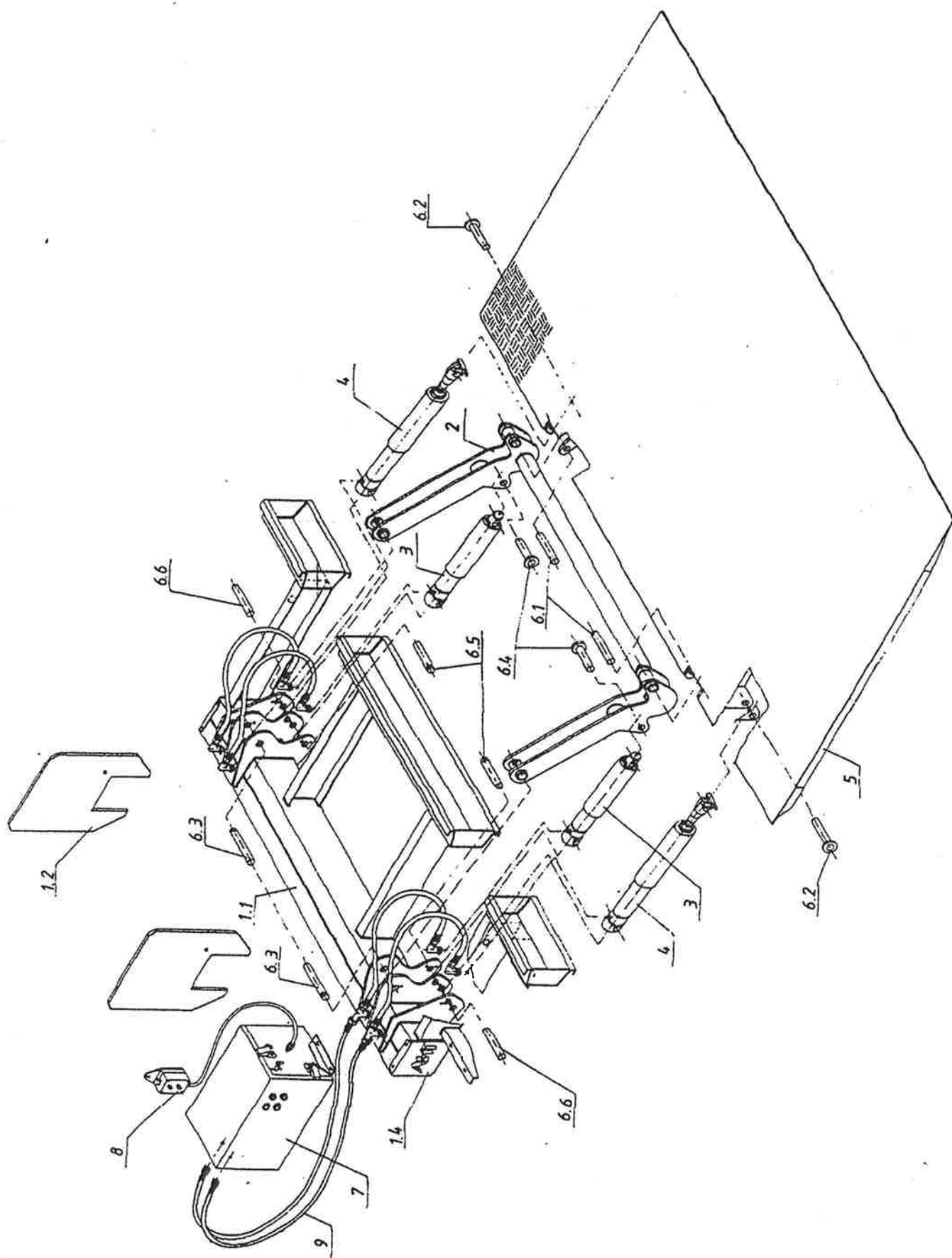


AHT Liftgates LLC
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Acworth Ga. 30102
770-425-5480
E-Mail: parts@ahtliftgates.com
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Spare Parts Catalog

LM-3300 ST/AL
Tailgate Loader



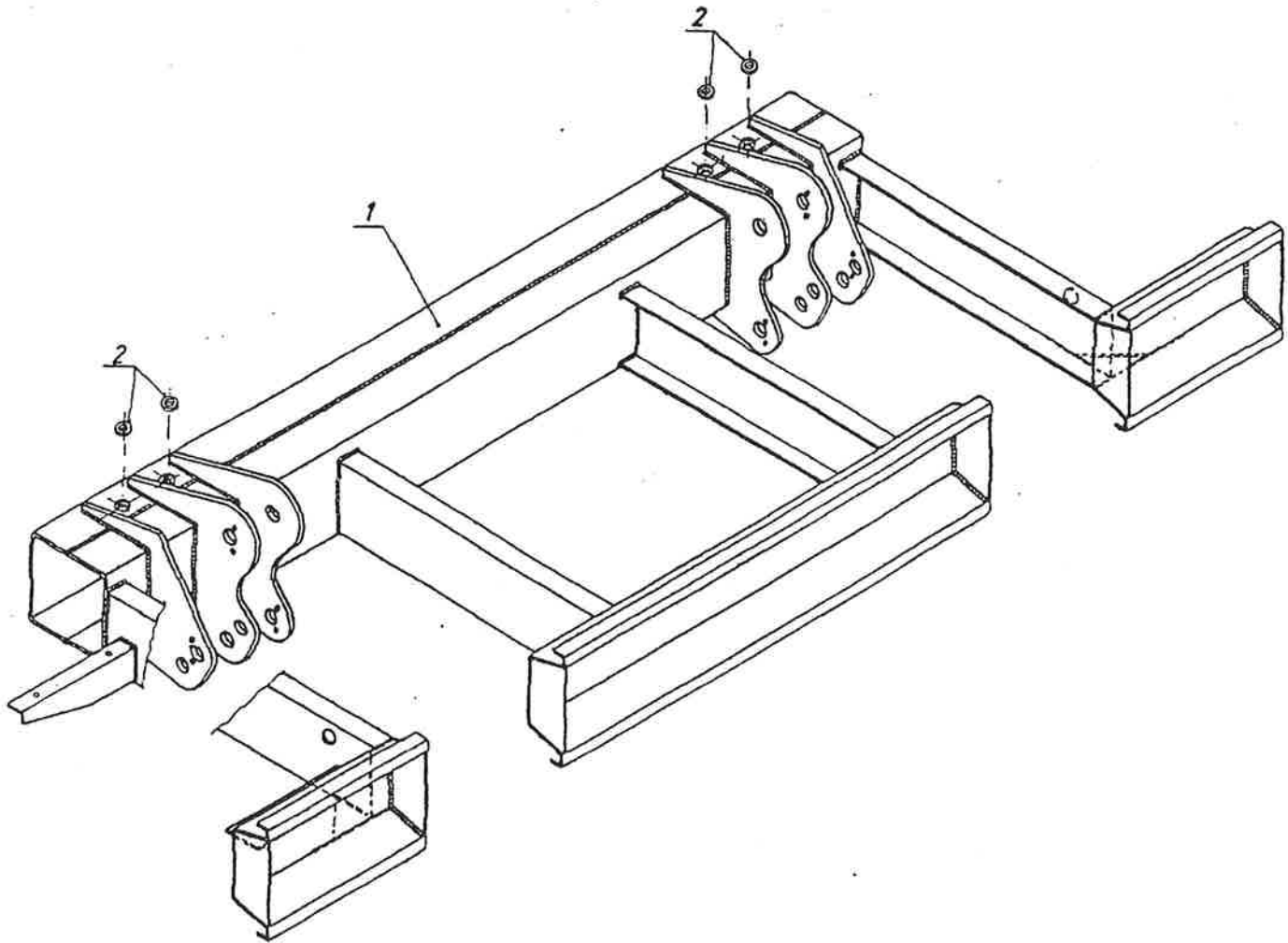
Steel Tail Lift

No.	Part No.	Description	Pieces	Drawing No.
1.1	12105403	Main Frame Assembly	1	L-1500ST-1.1
1.2	12105490	Mounting Bracket	2	L-1500ST
2	12105441	Lift Arm (Short)	1	L-1500ST-K
	12105443	Lift Arm (Middle)	1	L-1500ST-M
	12105445	Lift Arm (Long)	1	L-1500ST-L
3	12205405	Lift Cylinder	2	HZ-1500-55ST
4	12205452	Tilt Cylinder, (Short)	2	SZ-1500-55ST/K *
	12205453	Tilt Cylinder, (Middle, Long)	2	SZ-1500-55ST/M,L *
5	**	Platform, Complete	1	**
6.1	12005407	Pin, Lift Arm Front	2	BWL/HA L-1500ST-6.3
6.2	12005406	Pin, Tilt Cylinder Front	2	BWL/SZ L-1500ST-6.2
6.3	12005410	Pin, Lift Arm Rear	2	TRK/HA L-1500ST-6.6
6.4	12005405	Pin, Lift Cylinder Front	2	HA/HZ L-1500ST-6.1
6.5	12005408	Pin, Lift Cylinder Rear	2	TRK/HZ L-1500ST-6.4
6.6	12005409	Pin, Tilt Cylinder Rear	2	TRK/SZ L-1500ST-6.5
7	11418116	Power Pack 12V	1	SA96-S22
	11418117	Power Pack 24V	1	SA96-S22
8	11510035	2-Button Control Flush Mount	1	IRL-2
	11510036	3-Button Control Flush Mount	1	IRL-3
9	12715405	Tubing Assembly	1	L-1500ST

- * without Clevis, Valve & Fittings
 ** Call factory with Width and Length for price

Main Frame

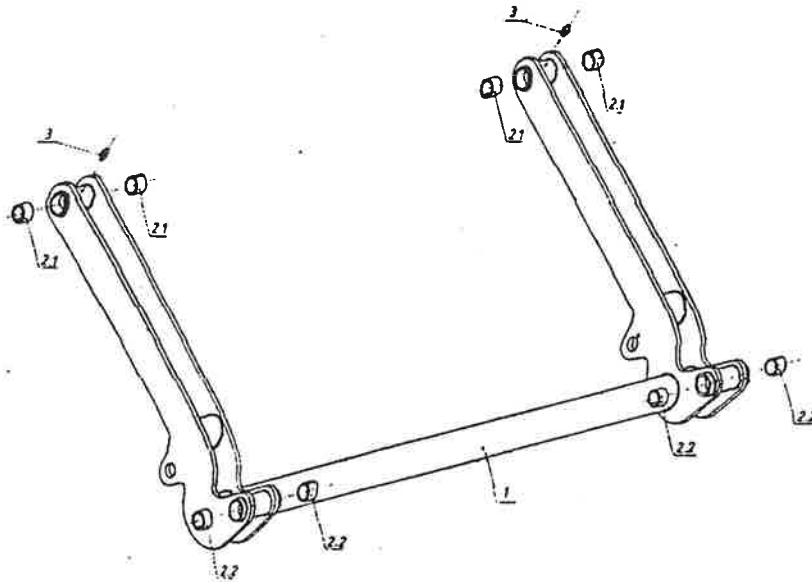
No.	Part Nr.	Description	pcs	Drawing No.
1	12105403	Main Frame Assembly left	1	L-1500-SA
2	11000112	Rubber Sleeve	4	12/26



Lift Arm

for Steel Platform

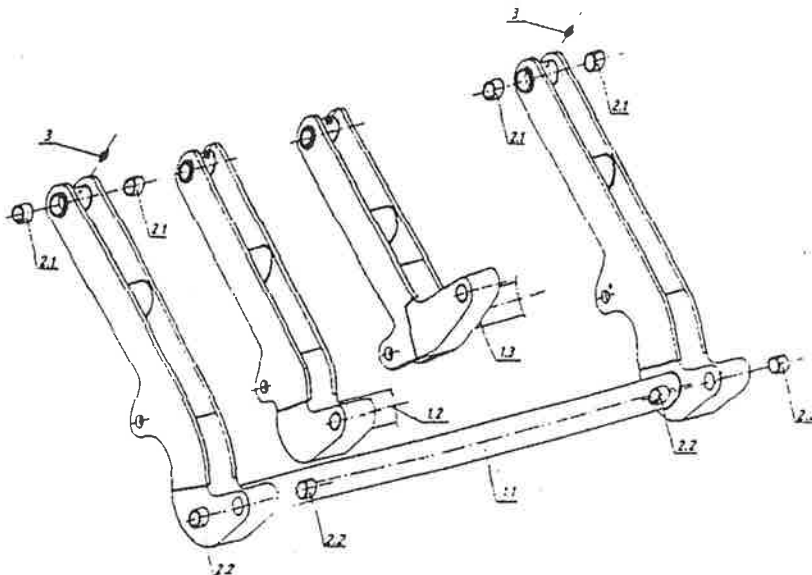
No.	Part Nr.	Description	pcs	Drawing No.
1.1	12105445	Lift Arm Assembly (Long)	1	L-1500-ST-L
1.2	12105443	Lift Arm Assembly (Middle)	1	L-1500-ST-M
1.3	12105441	Lift Arm Assembly (Short)	1	L-1500-ST-K
2.1	11000105	Bushing, Rear	4	DU 3020
2.2	11000100	Bushing, Front	4	DU 3015
3	10000090	Grease Fitting	2	



Lift Arm

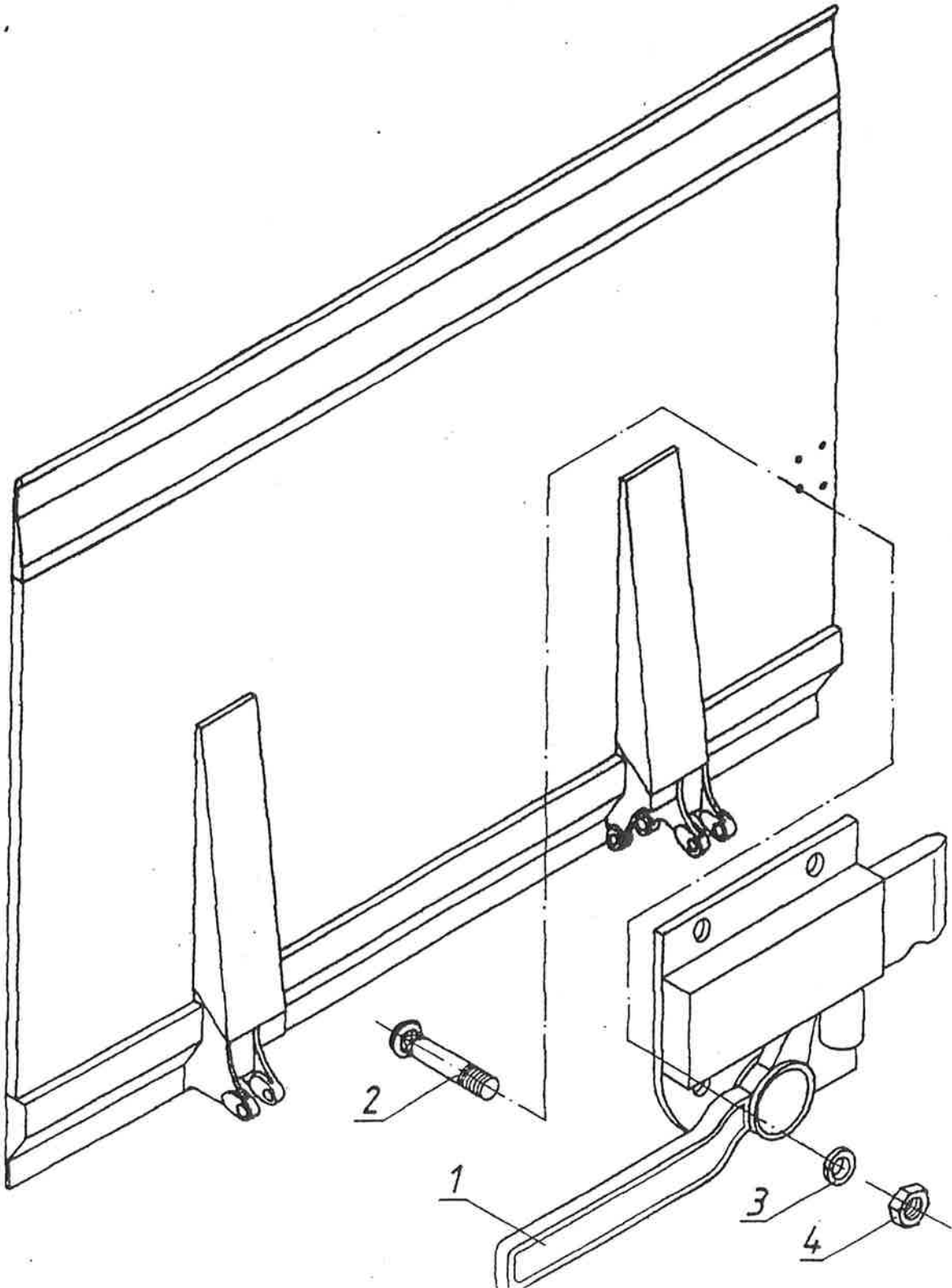
for Aluminium Platform

No.	Part Nr.	Description	Pieces	Drawing No.
1.1	12105452	Lift Arm Assembly (Long)	1	L-1500-ST-L
1.2	12105450	Lift Arm Assembly (Middle)	1	L-1500-ST-M
1.3	12105448	Lift Arm Assembly (Short)	1	L-1500-ST-K
2.1	11000105	Bushing, Rear	4	DU 3020
2.2	11000100	Bushing, Front	4	DU 3015
3	10000090	Grease Fitting	2	



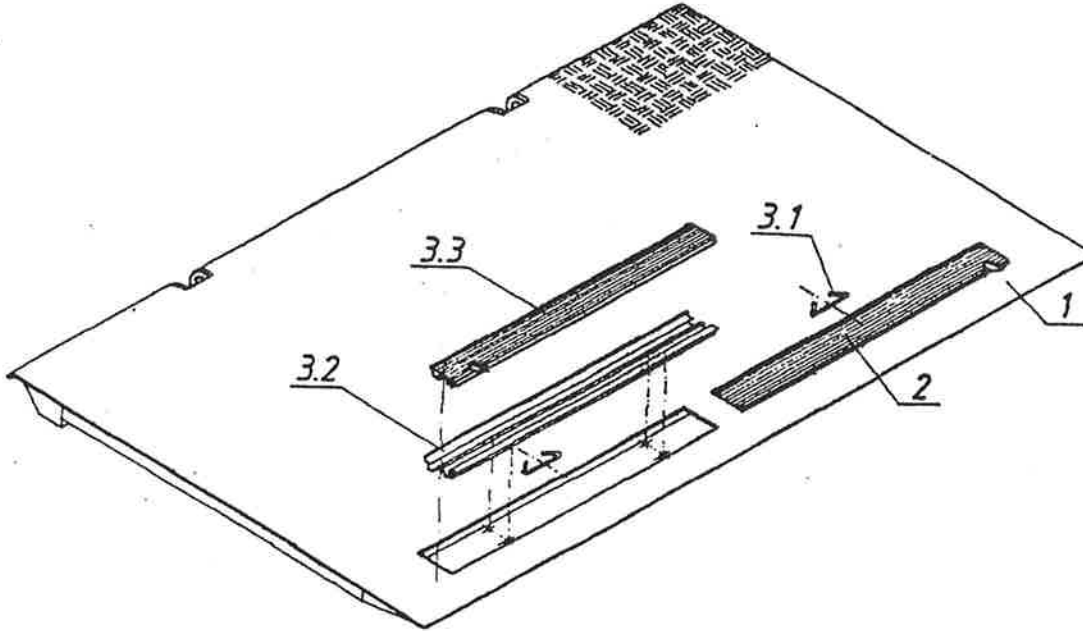
Lock for Platform

No.	Part No.	Description	Pieces	Drawing No.
1	11000185	Lock, Platform	1	
2	11800070	Bolt, Mounting	4	
3	11800121	Lock Washer	4	
4	11800143	Nut, Mounting Bolt	4	



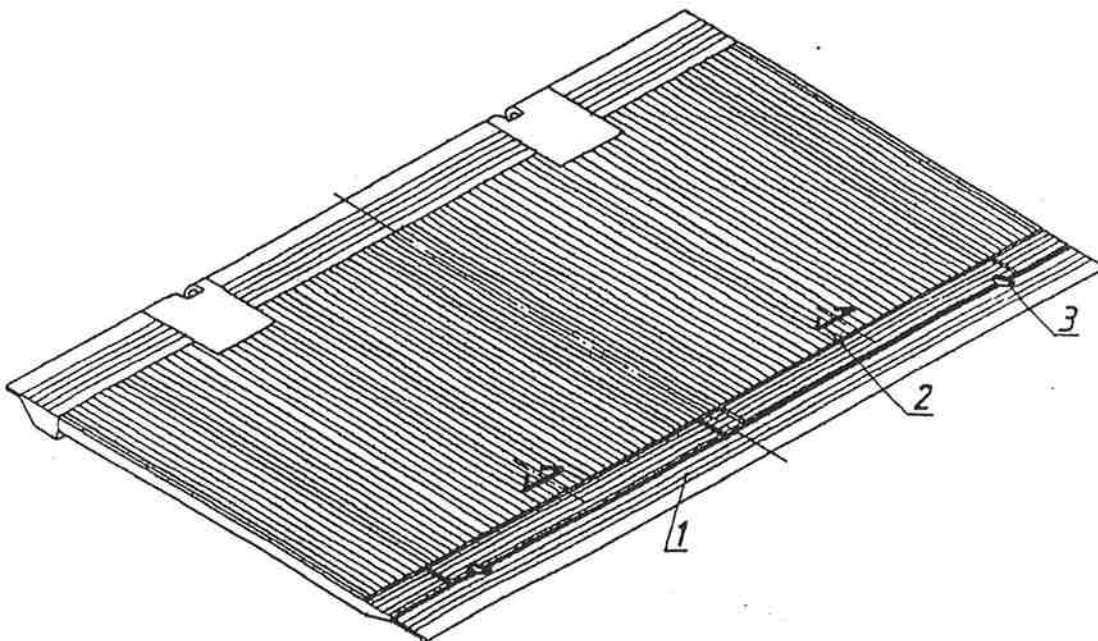
Steel Platform with Roll Stop

No.	Part No.	Description	Pieces	Drawing No.
1	12315013	Steel Platform with Roll Stop	1	
2	12300030	Roll Stop assembly	1	
3.1	11000103	Spring, Roll Stop	2	
3.2	11300036	Insert, Roll Stop	2	
3.3	11300014	Profile, Roll Stop	2	



Aluminium Platform with Roll Stop

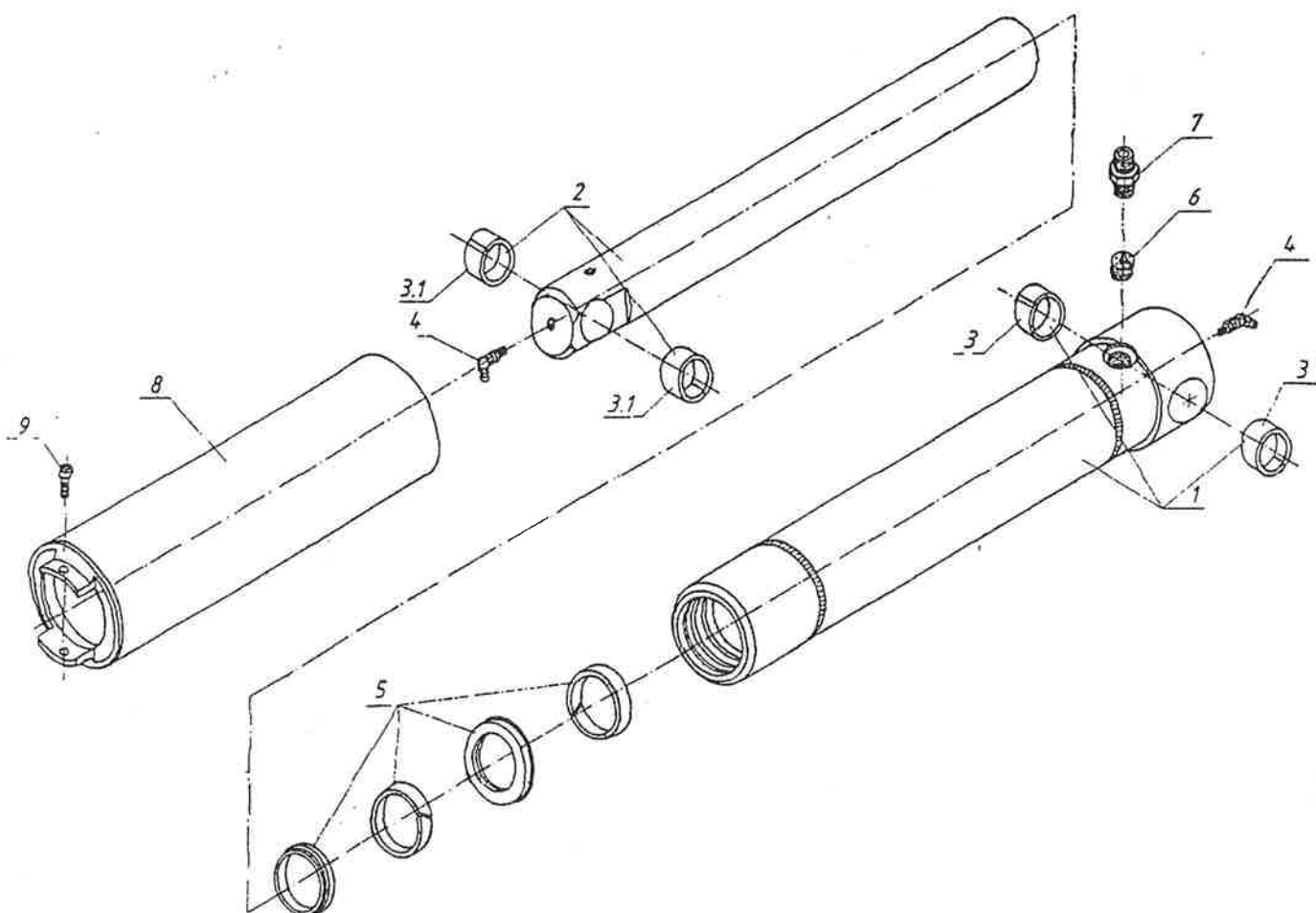
No.	Part No.	Description	Pieces	Drawing No.
1	12310013	Aluminium Platform with Roll Stop	1	
2	11000103	Spring, Roll Stop	1	
3	11300035	Profile, Roll Stop	2	



* Call factory with Width and Length for price

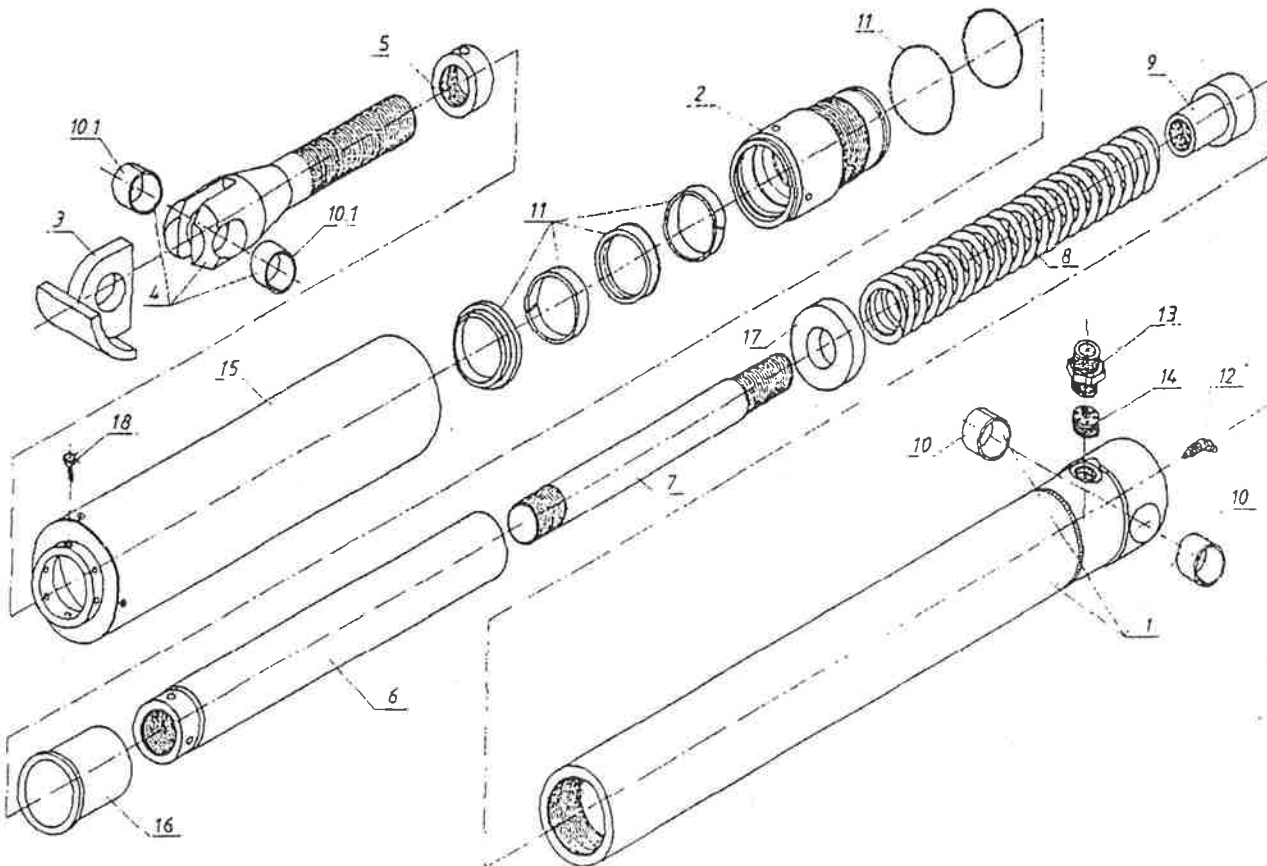
Lift Cylinder HZ-1500-55ST

No.	Part No.	Description	Pieces	Drawing No.
	12205405	Lift Cylinder, Right/Left	1	HZ-1500-55ST *
1	12205408	Cylinder Tube, Right/Left	1	HZ-1500ST-1
2	12205420	Piston Rod	1	HZ-1500ST-2AL
	12205422	Piston Rod	1	HZ-1500ST-2ST
3	11000105	Bushing, Rear	2	DU 3020
3.1	11000100	Bushing, Front	2	DU 3015
4	10000091	Grease Fitting 45 degree	2	
5	11605405	Seal Kit, Complete	1	HZ 0550-ST
6	11400088	Mechanical Hose Burst Valve	1	MHW-MRBV-R3/8
7	10700000	Adapter, Hose/Male	1	
8	12205435	Cover, Dust	1	HZ-1500ST-3
9	11800037	Bolt, Locking Hex	2	



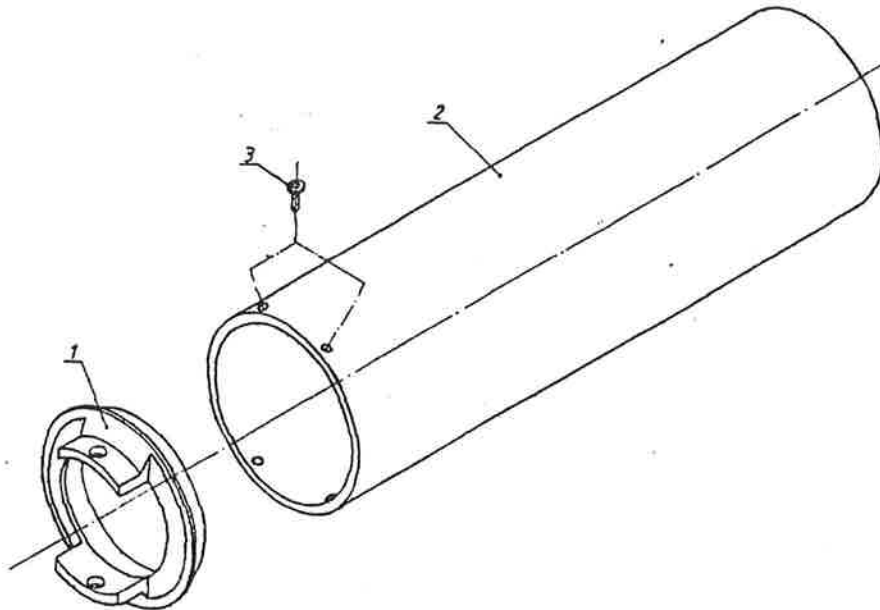
Tilt Cylinder SZ-1500-55/ST

No.	Part No.	Description	Pieces	Drawing No.
	12205452	Tilt Cylinder, (Short)	1	SZ-1500-55ST/K
	12205463	Tilt Cylinder, (Middle, Long)	1	SZ-1500-55ST/M,L
1	12205458	Cylinder Tube	1	SZ-1500ST-1B
2	12205462	Piston Guide	1	SZ-1500-2B
3	12200084	Wear Plate	1	SZ-1500-18A
4	12200062	Clevis with Bushings (Short)	1	SZ-1500-14K
	12200063	Clevis with Bushings (Middle)	1	SZ-1500-14M
	12200064	Clevis with Bushings (Long)	1	SZ-1500-14L
5	12200065	Lock Nut (Short)	1	SZ-1500-13K
	12200066	Lock Nut (Middle & Long)	1	SZ-1500-13M/L
6	12205470	Piston Rod	1	SZ-1500-9AL
	12205472	Piston Rod	1	SZ-1500-9ST
7	12200058	Piston for Opening Spring	1	SZ-1500-10
8	12200072	Opening Spring	1	SZ-1500-11
9	12200061	Nut for Opening Spring	1	SZ-1500-8
10	11000105	Bushing, Cylinder Tube	4	DU 3020
10.1	11000100	Bushing, Clevis	4	DU 3015
11	11605410	Seal Kit Complete	1	SZ 0550
12	10000091	Grease Fitting 45 degree	1	
13	10700000	Adapter, Hose/Male	1	
14	11400088	Mechanical Hose Burst Valve	1	MHW-MRBV-R3/8
15	12205475	Cover, Dust	1	SZ-1500-17
16	12200067	Guide, Piston (Short)	1	SZ-1500-16K
	12200068	Guide, Piston (Middle & Long)	1	SZ-1500-16M/L
17	12200069	Washer, Opening Spring	1	SZ-1500-12
18	11800020	Bolt, Locking Hex	4	M4x8



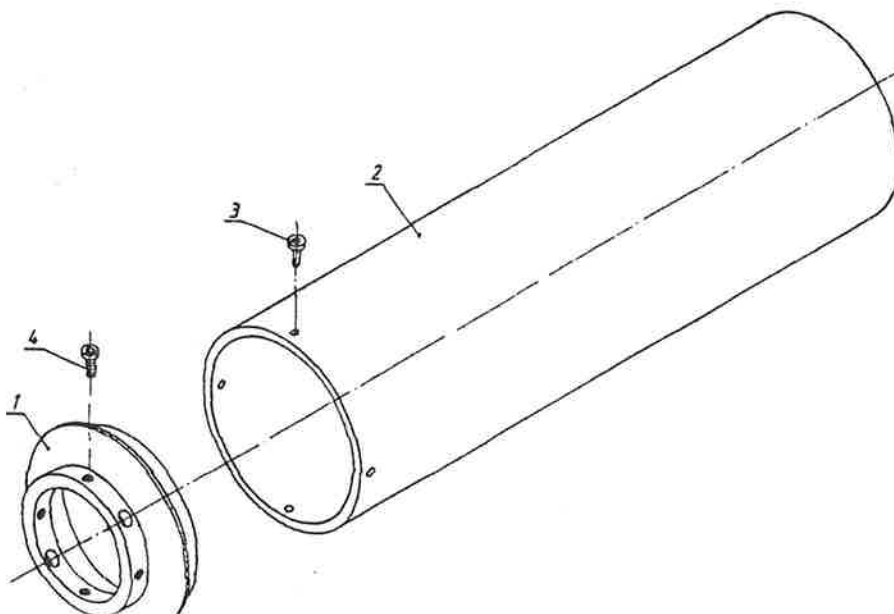
Cover Dust HZ-1500-55ST

No.	Part No.	Description	Pieces	Drawing No.
	12205435	Cover Dust	1	HZ-1500-55
1	10210212	Cover end	1	HZ-1500-55
2	11210229	Cover tube	1	HZ-55
3	11800197	Popet	4	



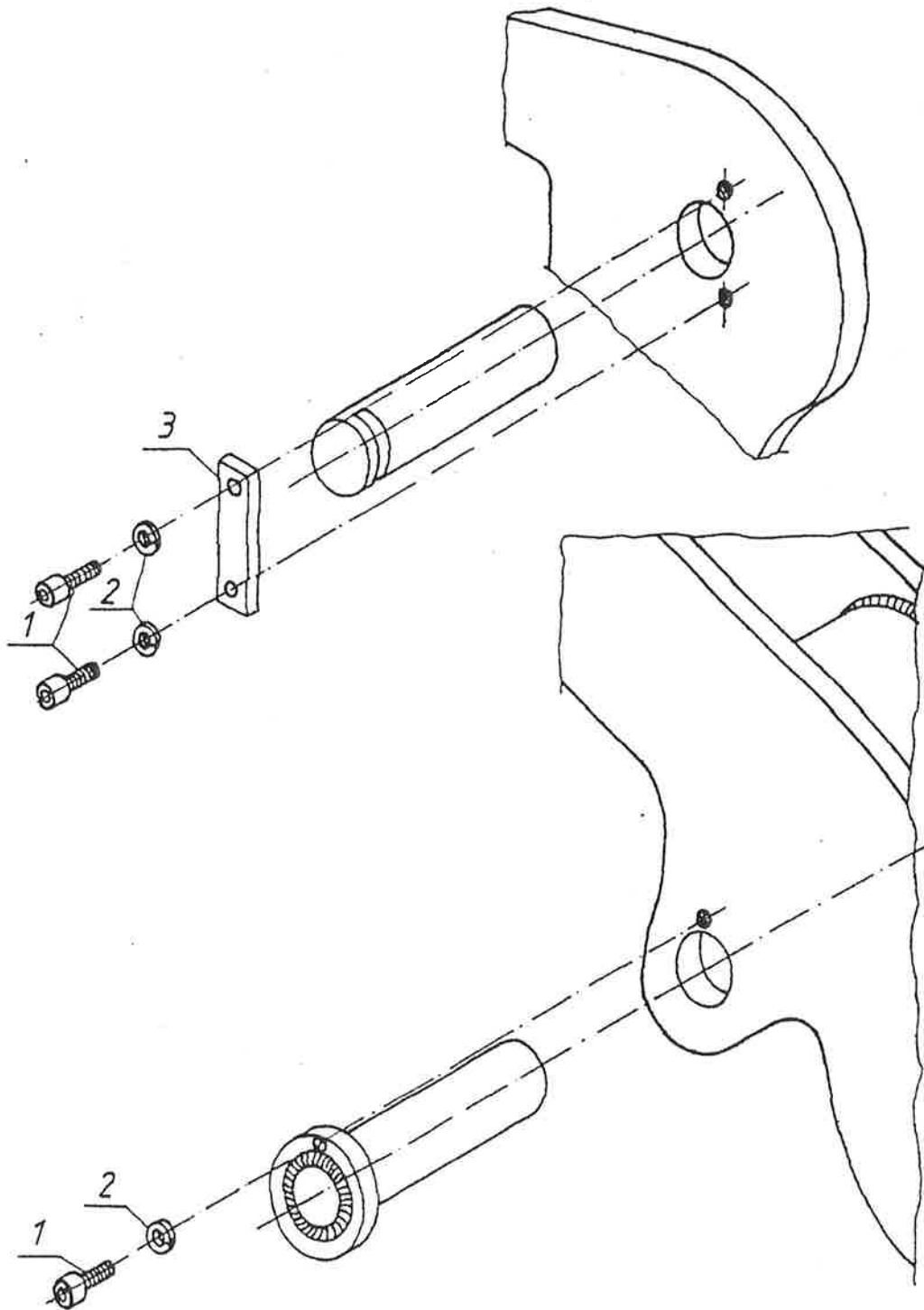
Cover Dust SZ-1500-55ST

No.	Part No.	Description	Pieces	Drawing No.
	12205475	Cover, Dust	1	SZ-1500-55
1	10210223	Cover end	1	SZ-1500-55
2	11210229	Cover tube	1	SZ-55
3	11800197	Popet	4	
4	11800020	Bolt, Locking Hex	4	



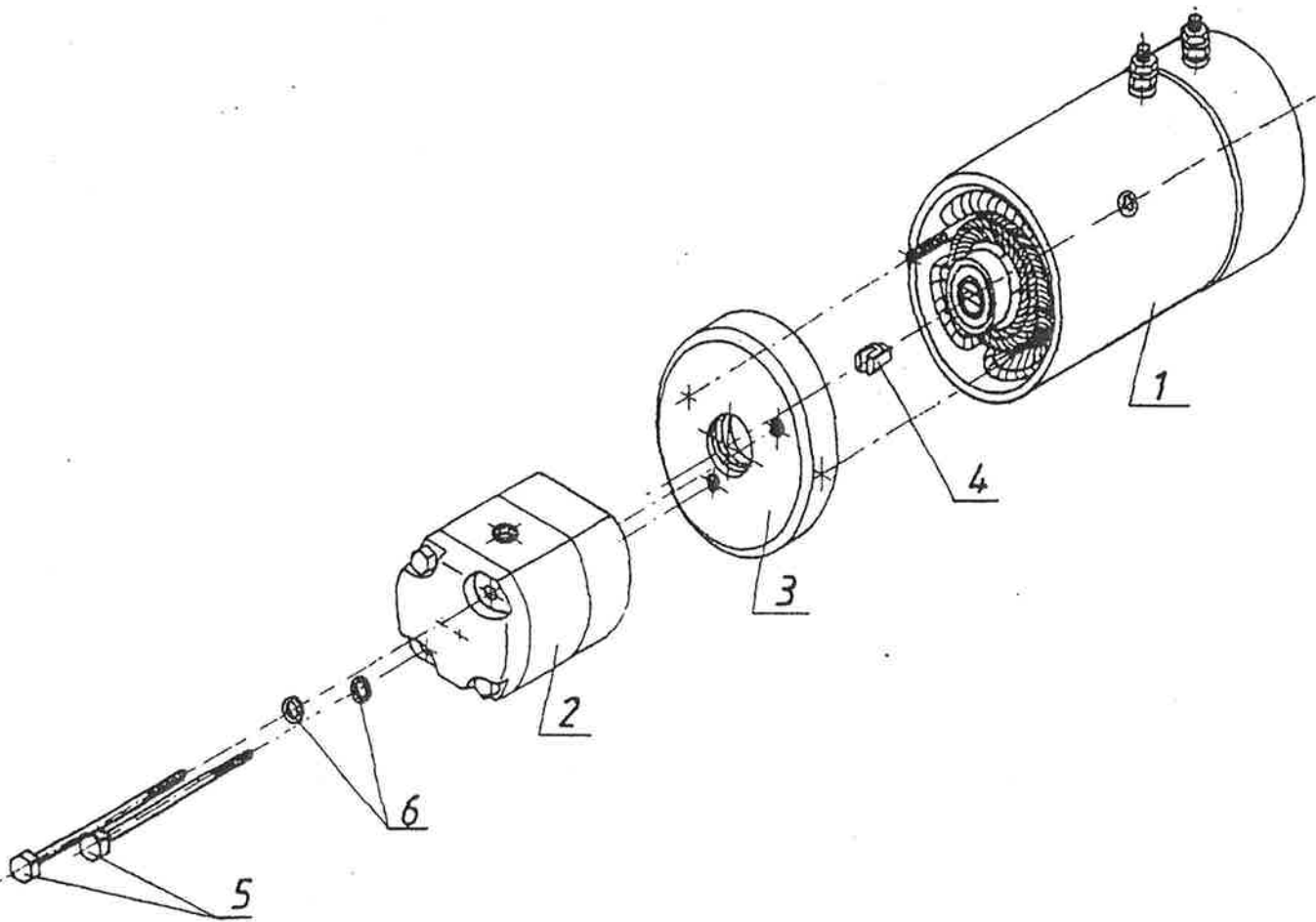
Bolts

No.	Part No.	Description	Pieces	Drawing No.
	12005402	Set of Bolts	1	L-1500ST
1	11800022	Cap Screw	20	M6
2	11800120	Lock Washer	20	ø6
3	12000052	Locking Bracket	8	L-1500-6.7



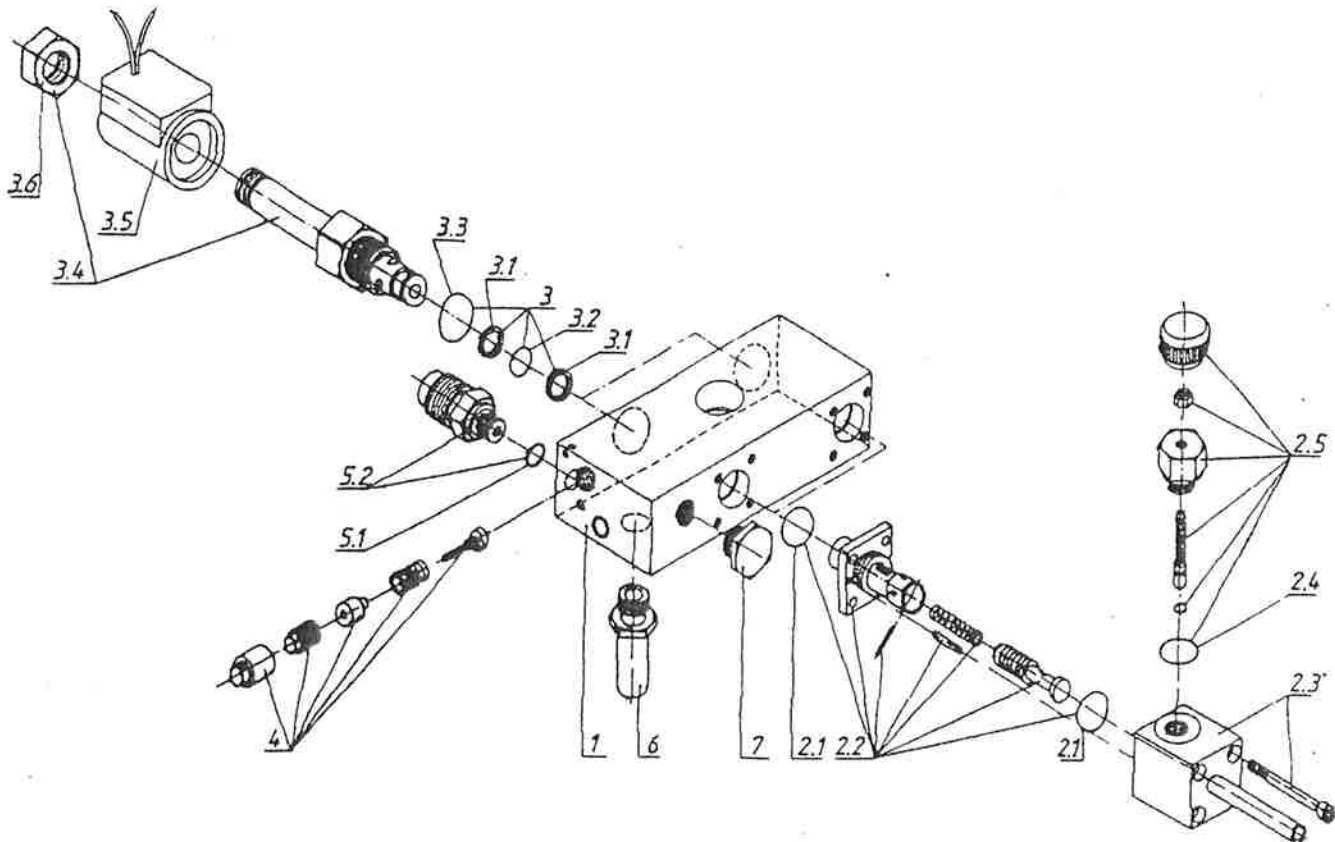
Motor-Pump MHW-89-1-2

No.	Part No.	Description	Pieces	Drawing No.
	11400031	Motor-Pump Assembly 12V	1	MHW-89-1-2/12V
	11400032	Motor-Pump Assembly 24V	1	MHW-89-1-2/24V
1	11400022	Motor 12V	1	MHW-89-1-1/12V
	11400023	Motor 24V	1	MHW-89-1-1/24V
2	11400026	Pump Assembly	1	MHW-2.1
3	11410093	Adapter	1	
4	11400055	Coupling	1	
5	11800121	Lock Washer	2	
6	11800128	Mounting Screw	2	



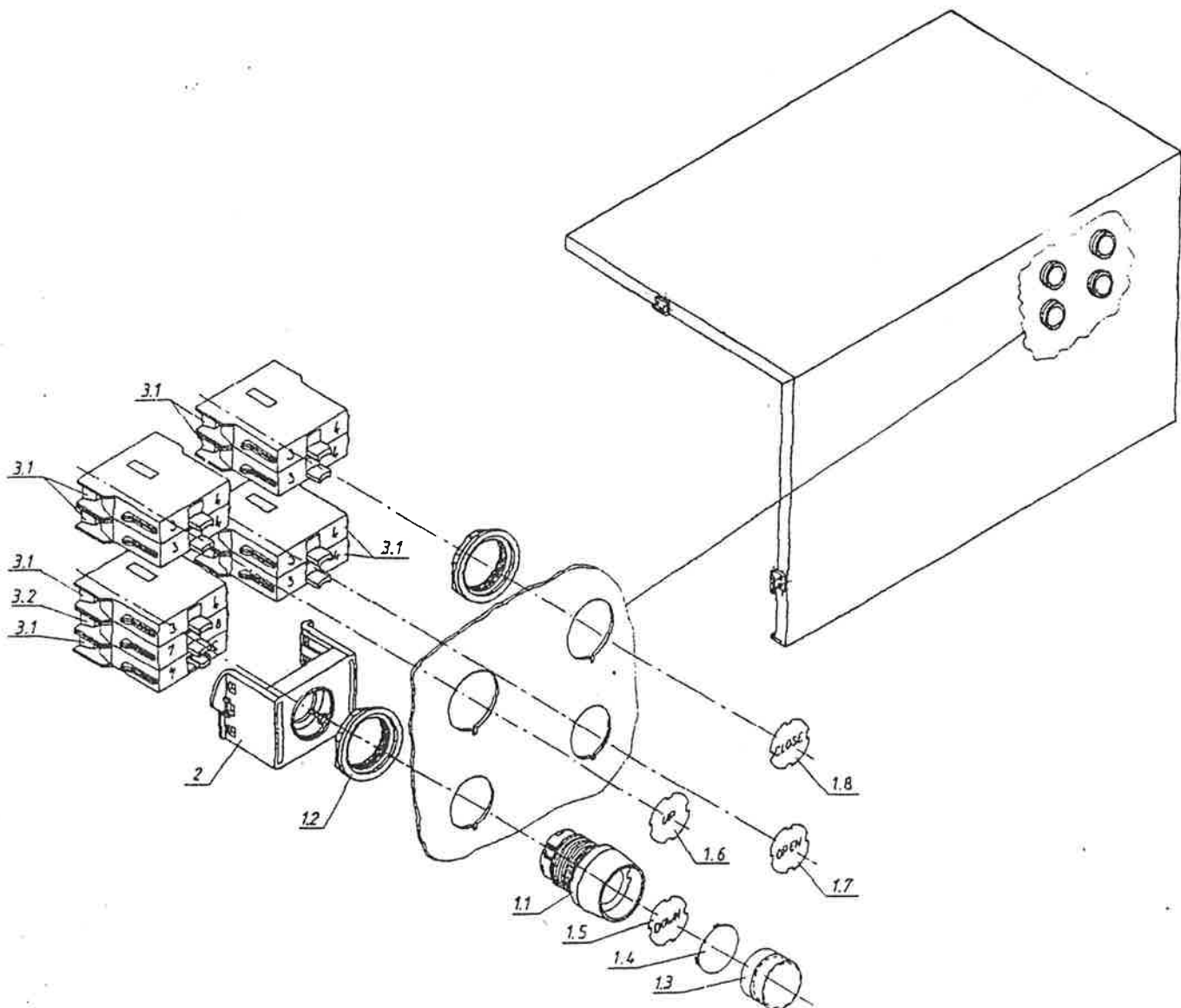
Valve Block MHW-VB-11L

No.	Part No.	Description	Pieces	Drawing No.
	11410114	Valve Block 11L Assembly 12V	1	MHW-VB-11L/12V
	11410115	Valve Block 11L Assembly 24V	1	MHW-VB-11L/24V
	11400068	Valve 12V with Solenoid	1	MHW-C-30/SP12V
	11400069	Valve 24V with Solenoid	1	MHW-C-30/SP24V
1	11400094	Valve Block 11L	1	MHW-VB-11L
2	11400074	Flow Control Valve Assembly	2	MHW-EMRV-1-V
2.1	11600154	O-Ring	4	
2.2	11400075	Guide, Piston with O-Ring	2	MHW-EMRV-1.1-V
2.3	11400081	Housing with screws	2	MHW-EMRV-1-5-8
2.4	11400153	O-Ring	2	
2.5	11400076	Hand wheel	2	MHW-EMRV-1.2-V
3	11600121	Seal Kit MHW-C-30 (Pos. 3.1 : 3.3)	1	MHW-C-30/DS
3.1	11600270	Thrust Ring for MHW-C-30	4	MHW-C-6-34
3.2	11600152	O-Ring	2	
3.3	11600157	O-Ring	2	
3.4	11400063	Cartridge-Valve	2	MHW-C-30
3.5	11400066	Solenoid 12 Volt	2	MHW-SP12VDC/L
	11400067	Solenoid 24 Volt	2	MHW-SP24VDC/L
3.6	11400096	Nut for MHW-C-30	2	MHW-C-6-55
4	11400083	Relief Valve	1	MHW-BWSVL-0
5.1	11600200	O-Ring	1	
5.2	11400077	Adapter, Pressure Test	1	
6	11400078	Adapter, Return	1	MHW-VD-11-6
7	11400079	Plug G1/4"	1	



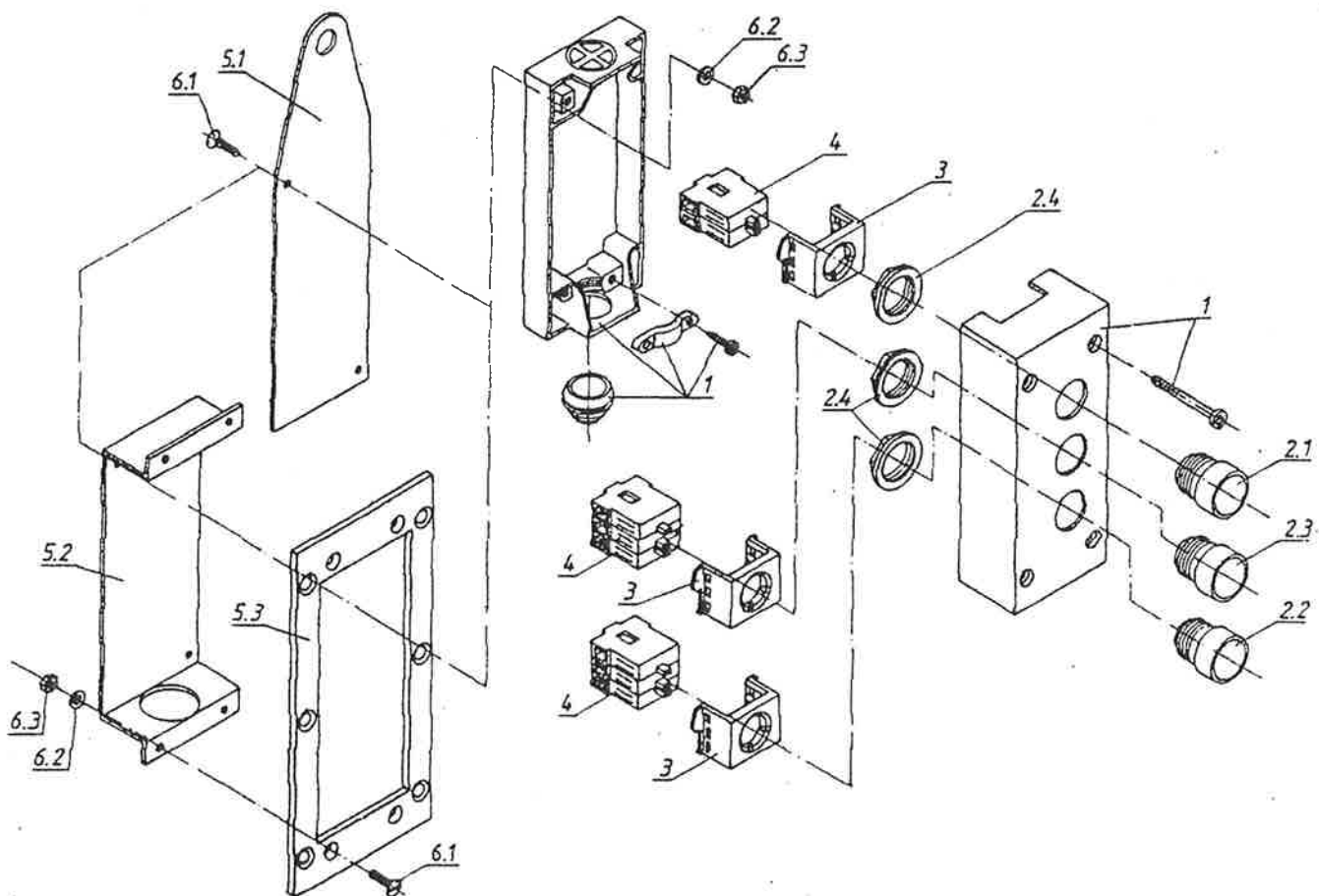
4-Button-Control

No.	Part No.	Description	Pieces	Drawing No.
	11500264	Push Button Assembly	4	
1.1	11500242	Push Button	4	
1.2	11500266	Nut, Push Button	4	
1.3	11500265	Push Button Cover	4	
1.4	11500253	Label Plate	4	
1.6	11500250	Label „Up“	1	
1.5	11500251	Label „Down“	1	
1.7	11500276	Label „Open“	1	
1.8	11500277	Label „Close“	1	
2	11500246	Holder, Contact	4	
3.1	11500247	Contact, 3/4	8	
3.2	11500248	Contact, 7/8	1	



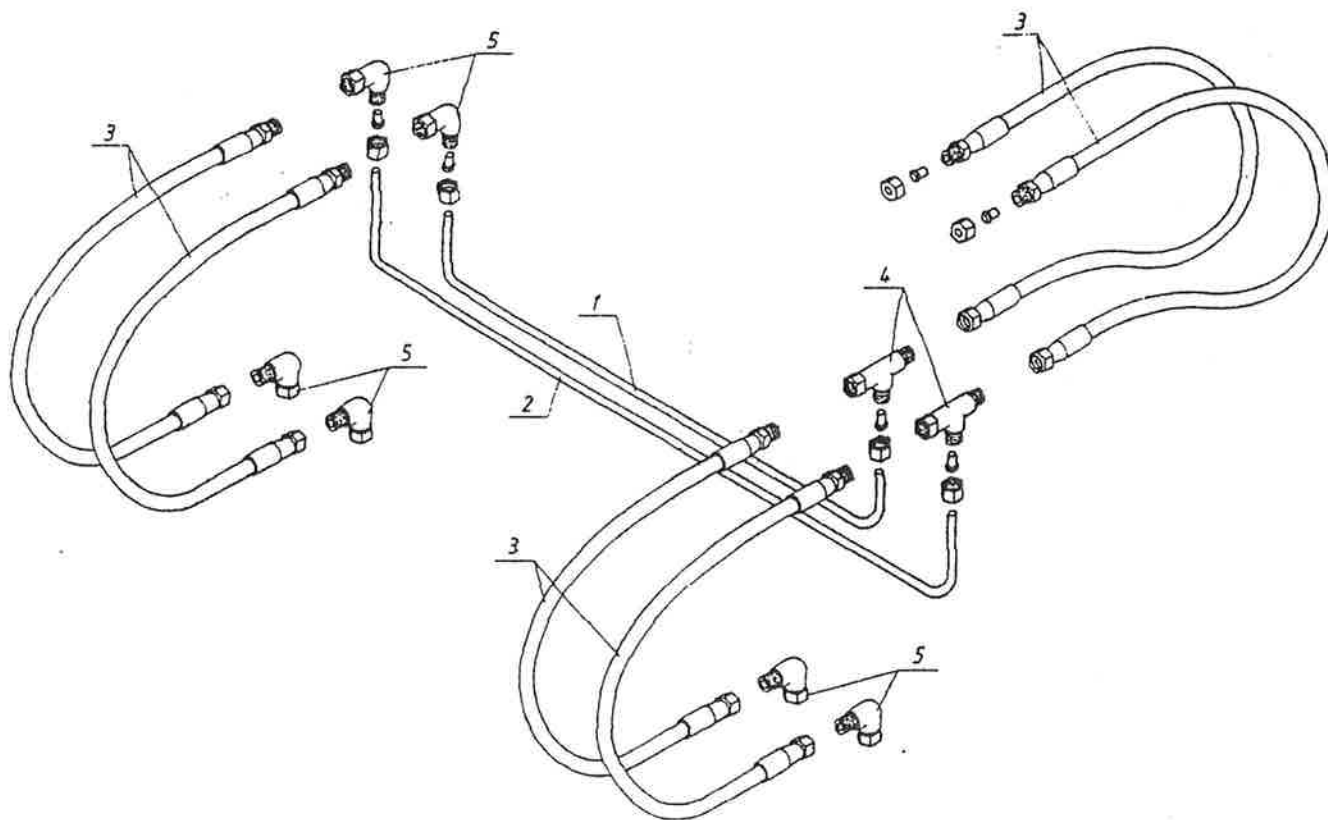
3-Button-Control

No.	Part No.	Description	Pieces	Drawing No.
	11510036	3-Button Control Assembly	1	MHW-IRL-3
1	11500241	Housing, 3-Button Control	1	MHW-IRL-3
2.1	11500242	Button, Push (Up)	1	
	11500250	Label, "UP"	1	
2.2	11500242	Button, Push (Down)	1	
	11500251	Label, "Down"	1	
2.3	11500242	Button, Push (Tilt)	1	
	11500245	Label "Tilt"	1	
2.4	11500238	Nut, Push Button	3	
3	11500246	Holder, Contact	3	
4	11500249	Contact, 1/2	2	
	11500247	Contact, 3/4	5	
	11500248	Contact, 7/8	1	
5.1	11500261	Hanger, 3-Button Control	1	
5.2	11500263	Bracket, rear half	1	
5.3	11500262	Bracket, front half	1	
6.1	11800062	Screw, Mounting bracket	6	
6.2	11800119	Lock washer, Mounting bracket	6	
6.3	11800141	Nut, Mounting bracket	6	



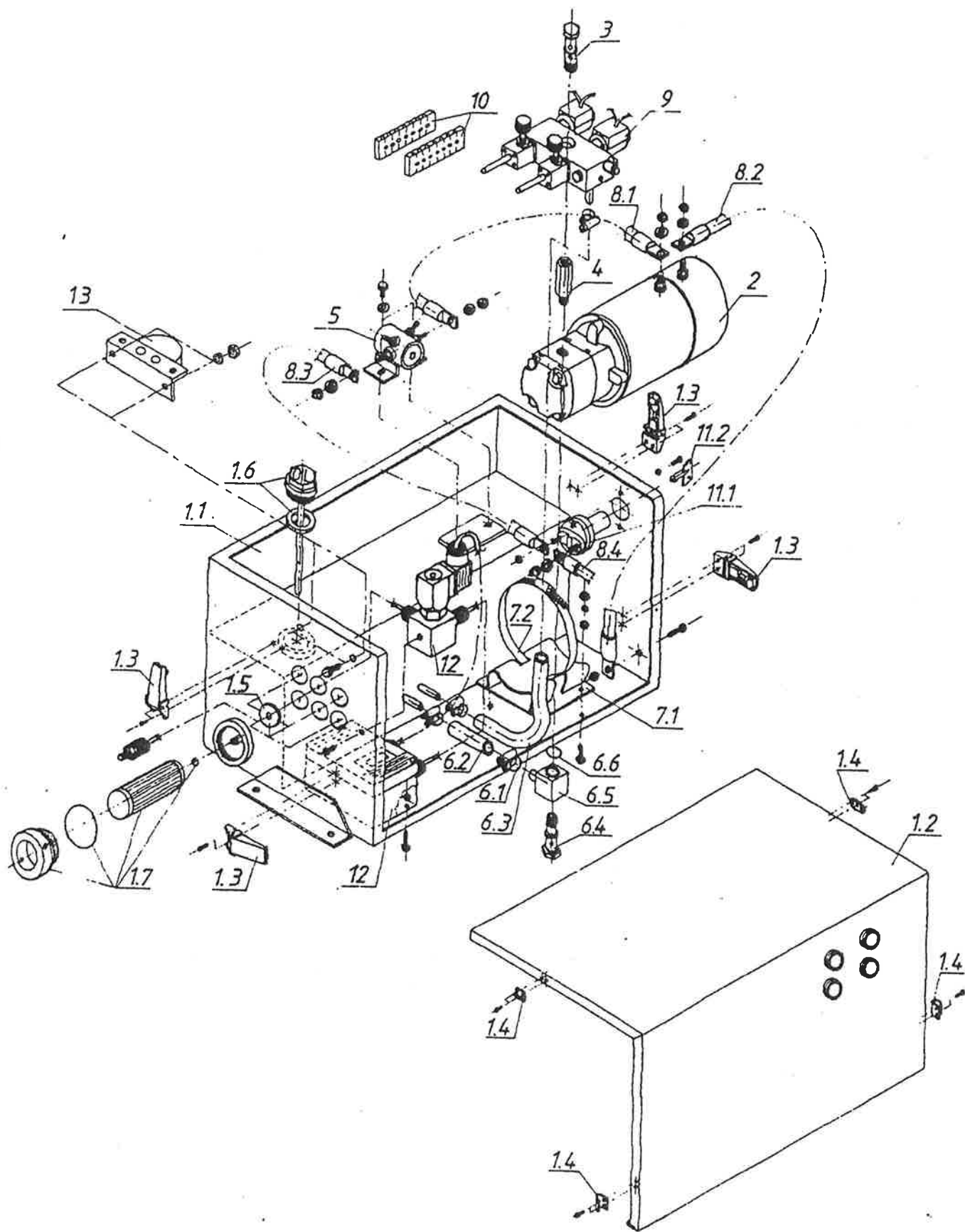
Hydraulic Tubing

No.	Part No.	Description	Pieces	Drawing No.
	12715405	Tubing Assembly, Complete	1	L-1500ST
	10705408	Hoses Sets	1	L-1500ST
1	12715415	Tilt Tubing	1	
2	12715420	Lilt Tubing	1	
3	11700000	High Pressure Hose	6	
4	10700004	Tee, Hydraulic Tubing	2	
5	10700002	Elbow, 90 degree Fitting	6	



Power Pack MHW-SA96-S22

No.	Part No.	Description	Pieces	Drawing No.
	11418116	Power Pack 12V Assembly	1	MHW-SA96-S22
	11418117	Power Pack 24V Assembly	1	MHW-SA96-S22
1.1	11400004	Oil Reservoir	1	MHW-SA96-22-1
1.2	11400005	Cover, Power Pack	1	MHW-SA96-22-2
1.3	11400014	Lock, Power Pack Cover	4	
1.4	11400015	Bracket, Power Pack Cover	4	
1.5	11000112	Grommet, 12/26	6	
1.6	11400018	Dipstick, Oil Reservoir R 1"	1	
1.7	11400019	Filter with Cap	1	
2	11400031	Motor with Pump 12V	1	MHW-89-1-2/12
	11400032	Motor with Pump 24V	1	MHW-89-1-2/24
3	11400033	Shuttle Valve	1	MHW-WV-1
4	11400035	Adapter, Shuttle Valve	1	MHW-89-1-4
5	11400036	Starter Solenoid 12V	1	
	11400037	Starter Solenoid 24V	1	
6.1	11400038	Clamp, Suction tube 12/20	4	
6.2	11400039	Suction Tube	1	
6.3	11400040	Return Tube	1	
6.4	11400042	Screw for Suction Tube	1	MHW-89-1-16
6.5	11400044	Suction Elbow with O-Ring	1	MHW-89-1-15
6.6	11600158	O-Ring	1	
7.1	11600046	Motor Base	1	MHW-90-NL-1
7.2	11400048	Clamp, Motor 110/130	1	
8.1	11400096	Cable, Motor/Starter Solenoid (+)	1	
8.2	11400097	Cable, Motor/Oil Reservoir (-)	1	
8.3	11400098	Cable, Starter Solenoid/Battery Switch (+)	1	
8.4	11400082	Cable, Battery Switch/Battery (+) 7m	1	
9	11410114	Valve Block, Complete 12V	1	MHW-VB-11L/12V
	11400115	Valve Block, Complete 24V	1	MHW-VB-11L/24V
10	11500113	Terminal, Electrical PZ-12	2	
11.1	11500324	Battery Switch	1	
11.2	11500325	Key for Battery Switch	1	
12	11400062	Safety Loading System „SLS“	1	SLS
13	11400089	Alarm, Safety Loading System	1	





ALUMINUM HIGH TECH, INC.
2821 BETTIS COURT
MARIETTA, GEORGIA 30066

Aluminum High Tech Products Inc. Warranty Statement

ALUMINUM HIGH TECH PRODUCTS, INC. warranty to the original purchaser for use of any new "AHT" Products (accessories or spare parts) for a period of One (1) Year, from the date of installation, for all steel parts, that such products are free of defects in material and workmanship. ALUMINUM HIGH TECH PRODUCTS, INC. will, at its discretion, either repair any defective parts or replace them with equivalent parts, subject to the conditions below.

1. Replacement or repair of parts will be provided F.O.B. our warehouse, subject to any applicable Federal, State or Local taxes. Labor charges are not covered unless specifically authorized by ALUMINUM HIGH TECH PRODUCTS, INC., prior to the actual repair and subject to our published flat rate schedule.

2. Defective parts must be reported to us within 30 days of discovery on an official warranty claim report form.

3. Warranty is valid only if the Warranty registration Form is returned within 15 days of installation to ALUMINUM HIGH TECH PRODUCTS, INC., P.O. BOX 670254, MARIETTA, GEORGIA 30066.

4. Warranty shall not apply if the equipment is operated at capacities in excess of factory recommendations.

5. Warranty does not apply to defects caused by accident, misuse, alteration of design, improper installation, poor maintenance practices, or any cause beyond the control of ALUMINUM HIGH TECH PRODUCTS, INC.

6. Warranty is expressly void if the seal on the Safety Loading System has been broken.

7. Warranty shall not apply to any cargo loss, loss of use, or any other incidental or consequential damages arising out of the use of this product, including travel time.

8. Warranty as provided herein shall be the purchaser's exclusive and limited remedy, and ALUMINUM HIGH TECH PRODUCTS, INC. shall in no event be liable for consequential or other damages.

IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT THERE ARE NO WARRANTIES MADE BY THE MANUFACTURER OR ITS AGENTS, REPRESENTATIVES OR DEALERS, EITHER EXPRESSED, IMPLIED OR IMPLIED BY LAW, EXCEPT THOSE EXPRESSLY STATED HEREIN ABOVE IN THIS STANDARD LIMITED WARRANTY AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP, AND THE MANUFACTURER AND IT AGENTS, REPRESENTATIVES AND DEALERS SPECIFICALLY DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

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