Model No. SAE-P49

4 Post Parking Lift

Single Point Manual Release

Lifting Capacity 9,000 lbs

Installation, Operation and Parts Manual

Read this entire manual carefully and completely before installation or operation of the lift.

INDEX

1.IMPORTANT SAFETY INSTRUCTIONS

1.1 Important notices

We will offer one-year's quality warranty for the whole machine，during which any quality problem will be properly solved to the user's satisfaction. However, we will not take any responsibility for whatever bad consequence resulted from improper installation and operation, overload running or unqualified ground condition.

This 2-posts lift is specially designed for lifting motor vehicles that weighs within its outmost lifting capacity. Users are not allowed to use it for any other purposes. Otherwise, we, as well as our sales agency, will not bear any responsibility for accidents or damages of the lift. Make sure to pay careful attention to the label of the lifting capacity attached on the lift and never try to lift cars with its weight beyond.

Read this manual carefully before operating the machine so as to avoid economic loss or personnel casualty incurred by wrong operation.

Without our professional advice, users are not permitted to make any modification to the control unit or whatever mechanical unit.

1.2 Qualified personnel

1.2.1 Only these qualified staff, who have been properly trained, can operate the lift.

1.2.2 Electrical connection must be done by a competent electrician.

1.2.3 People who are not concerned are not allowed in the lifting area.

1.3 Danger notices

1.3.1 Do not install the lift on any asphalt surface.

1.3.2 Read and understand all safety warnings before operating the lift.

1.3.3 The lift, if is not specially designed upon customer’s request, is not fit for outdoor use.

1.3.4 Keep hands and feet away from any moving parts. Keep feet clear of the lift when lowering.

1.3.5 Only these qualified people, who have been properly trained, can operate the lift.

1.3.6 Do not wear unfit clothes such as large clothes with flounces, tires, etc, which could be caught by moving parts of the lift.

1.3.7 To prevent evitable incidents, surrounding areas of the lift must be tidy and with nothing unconcerned.

1.3.8 The lift is simply designed to lift the entire body of vehicles, with its maximum weight within the lifting capacity.

1.3.9 Always insure the safety latches are engaged before any attempt to work near or under the vehicle.

1.3.10 Make sure to place the lifting pads to the positions as suggested by vehicle makers and when gradually lift the vehicle to the desired height, operators should be certain that the vehicle will not slant, roll-over o**r** slide in lifting process.

1.3.11 Check at any time the parts of the lift to ensure the agility of moving parts and the performance of synchronization. Ensure regular maintenance and if anything abnormal occurs, stop using the lift immediately and contact our dealers for help.

1.3.12 Lower the lift to its lowest position and do remember to cut off the power source when service finishes.

1.3.13 Do not modify any parts of the lift without manufacturer’s advice.

1.3.14 If the lift is going to be left unused for a long time, users are required to:

a. Disconnect the power source;

b. Empty the oil tank;

c. Lubricate the moving parts with hydraulic oil.

1.4 Training

Only these qualified people, who have been properly trained, can operate the lift. We are quite willing to provide professional training for the users when necessary.

Attention: For environment protection, please dispose the disused oil in a proper way.

1.5 Warning signs

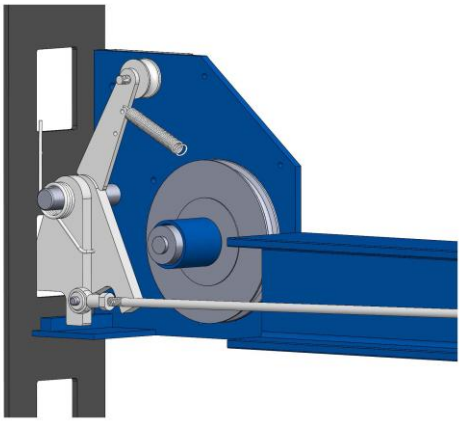
All safety warning signs attached on the machine are for the purpose of drawing the user's attention to safety operation. The labels must be kept clean and need to be replaced when they are worn-out or have dropped. Read the explanations of the labels carefully and try to memorize them.

2.OVERVIER OF THE LIFT

2.1 General descriptions

This 4- post parking lift is composed of columns, transverse beams, platform, oil cylinders and power unit, etc. The lift is driven by an electro-hydraulic system. The gear pump delivers hydraulic oil to oil cylinders and pushes upwards its piston. The piston drives the chain to raise the transverse beams and the platforms. During lifting process, the safety teeth will automatically and firmly bite with the safety rod in the posts. Therefore, no slipping will happen in case the hydraulic system beaks down.

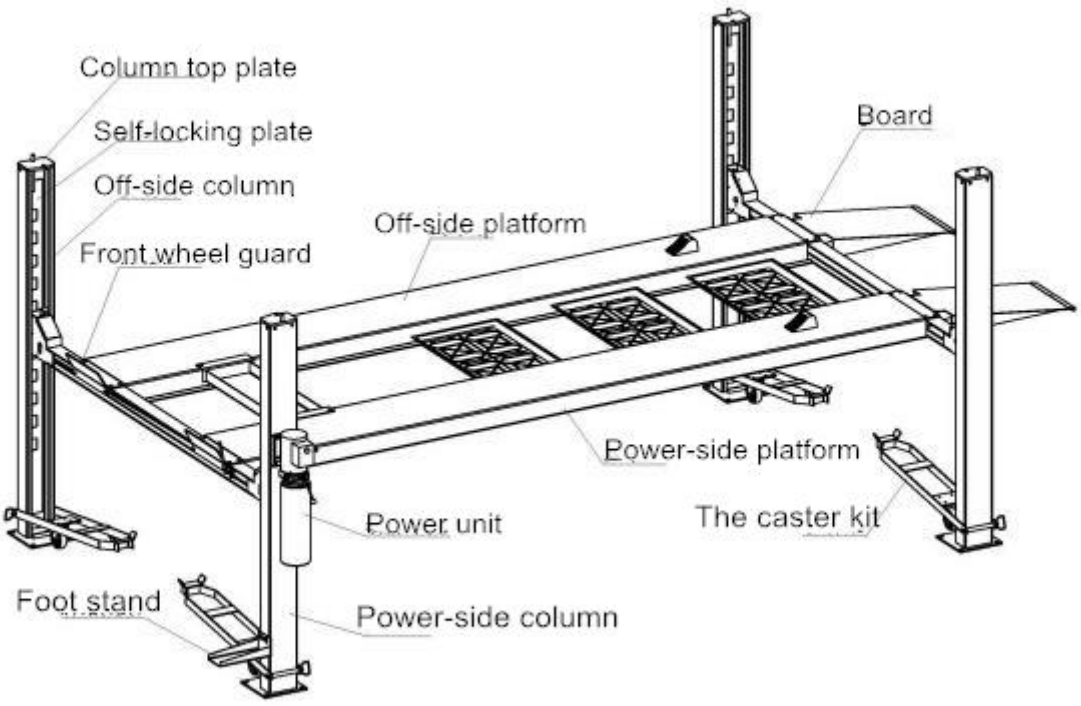
Safety structure:



2.2 Technical data

Model	Lifting capacity	Lifting time	Lifting height	Overall Height	Overall Width	Width between posts
SAE-P49	9000 lbs	60 Sec	86 5/8”	95 1/2”	136 1/16”	112 5/8"

2.3 Construction of the lift



3.INSTALLATION INSTRUCTIONS

3.1 Preparations before installation

3.1.1 Tools and equipment needed

- ✓ Appropriate lifting equipment
- ✓ Anti-abrasion hydraulic oil.
- ✓ Rotary Hammer Drill with 3/4'' drill bit.
- ✓ Chalk and tape measure, magnetic plump, 8 metersΦ15 level pipe.
- ✓ Sockets and open wrenches, a set of inside hex wrenches, cross and straight screw drivers.
- ✓ Hammer, 4pounds, sharp nose pliers.

3.1.2 List for parts checking ---Annex 1（Packing list）

Unfold the package and check if any parts missed as per Annex 1. Do not hesitate to contact us in case any parts missed, but if you do not contact us and insist installing upon the lack of some parts, EOUNICE as well as our dealers will not bear any responsibility for this and will charge for any parts subsequently demanded by the buyer.

3.1.3 Ground conditions

The lift should be fixed on a smooth and solid concrete ground with its strength more than 3000psi, tolerance of flatness less than 5mm and minimum thickness of 200mm. In addition, newly built concrete ground must undergo more than 28days' cure and reinforcement.

3.2 Precautions for installation

3.2.1 Make sure the two posts stand paralleled and are vertical to the ground. No slanting.

3.2.2 Joints of oil hose and steel cable must be firmly connected in order to avoid the looseness of steel cable and leakage of oil hose.

3.2.3 All bolts should be firmly screwed up.

3.2.4 Do not place any vehicle on the lift in the case of trial running.

3.3 Installation

Step 1: Remove the packaging, take out the carton for accessories.

Step 2: Firstly, Put the support under the lower platform, then remove the screws of the upper platform on the packing frame, and remove the upper platform with lifting equipment for installation.

Attention： Please pay special attention not to let the post fall down for it may cause casualty or bring damages to the accessories fixed in the post.

Step 3: Remove the screws from the uprights on the packing rack and remove the uprights for installation.

Step 4: Remove all accessories and other installations except the second platform.

Step 5: Determine the installation location of the equipment and ensure that there is enough

space for installation and use.

1. Plan the final installation position of the lift according to the installation foundation drawing (Appendix 2) and the external dimension drawing (Appendix 1).

2. Determine the assembly site. The ground between the assembly site and the final installation location must be flat and free of obstacles, so that the lift can be moved to the final installation location (a mobile frame is required).

Step6: Install the column and cross beam

1. Lay the columns flat, the bottom plate is basically flush, the openings are opposite, and the Width between posts is 2860mm;

2. Fix the long and short tie rods with the corresponding manual insurance on the beam respectively (note that the beams on both sides should be installed symmetrically, see the unlocking rod in the attached picture)

3. Put the beam from the top of a group of columns at the same time;

4. Insert the self-locking plate from the top of the column (pay attention to pass through the slider slot on the beam), remove one M18 nut on the self-locking plate for use, and screw the other to the bottom;

5. Install the top plate of the column (note that the top plate of the column is a symmetrical part, and the same group of columns are opposite to each other), pay attention to the direction of the wire rope hole (front end) on the top plate of the column and the position of the wire rope pulley on the beam basically on the same side;

6. Pass the self-locking plate through the self-locking plate hole (the middle position of the rear end) on the top plate of the column, and screw on the removed M18 nut, leaving about 30mm at the top;

7. Adjust the position of the beam so that the distance between the beam and the bottom plate is about 800mm, and ensure that the manual safety on the beam and the self-locking plate are locked;

8. Erect the two sets of columns and beams (note that there are four mounting plates on the beams facing outward), and move them to a distance of not less than 4850mm between the two beams.

Step7: Installation platform.

1. Pull out the wire rope head in the main platform, and pull the cylinder piston rod to the longest position;
2. Move the main platform to the middle of the beam with lifting mobile equipment, and lift it to a position about 20mm higher than the beam;
3. Move the beam and the column to the bottom of the main platform (note: the main column should be located at the end of the oil cylinder; the wire rope pulley of the main platform should enter the H-shaped steel groove of the beam);
4. Place the main platform on the beam, move it to the position of the mounting hole on the beam and fix it;
5. Remove the M20 nut of the wire rope head on the main platform for use;
6. Insert the wire rope into the wire rope hole on the top plate of the column through the wire rope pulley in the beam (the M8×50 bolts that block the wire rope are loosened to leave the wire rope pulley first) and the rope break safety wheel, and then screw on the M20 nut, leaving about 30mm at the top. Tighten the loosened bolts to ensure that the wire rope does not fall off from the groove of the wire rope pulley;
7. Screw up the nut of the self-locking plate inside the column until it is level with the top plate to fix the

self-locking plate;
8. Turn the auxiliary platform over, with the mouth facing down, and move it to the corresponding position of the main platform;
9. Fix the sub-platform to the beam.

Step8: Install the hydraulic system.

1. Install the power unit on the main column and inject no less than 10L hydraulic oil;
2. Remove the nut on the right-angle pipe joint of the partition in the main platform, pass it through the corresponding hole on the main platform, and fix it with the removed nut;
3. Tighten the connection between the high-pressure hose in the accessory box and the pipe joint on the main platform and the pipe joint on the pump station, pay attention to connecting the elbow end to the pump station and the straight end to the platform;
4. Power up the power supply on the power unit.

Step9. Starting the 4-post parking lift

Press the up button on the power unit to make the equipment rise to about 1600mm and stop.

Step10: Install the release lever

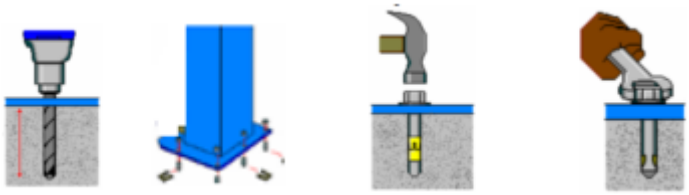
1. Remove the nut and connecting nut on the double-ended screw, connecting rod, handle rod, and insert them into the corresponding holes and pipes of the beam and the main platform in turn (note that the handle rod is on the side of the main column);
2. Connect the handle piece and connecting rod to the long and short tie rods respectively (note that the handle ball on the handle rod faces upwards), adjust the joint bearing on the upper rod end of the long and short tie rods if necessary to ensure that the long and short tie rods can act accordingly when rotating;
3. Connect and fasten the handle rod and connecting rod to the double-ended screw with M12 nut and connecting screw sleeve respectively;
4. Move the handle lever down to ensure that the four manual safety levers are unlocked correctly.

Step11: No-load test drive

According to the operation flow chart no-load test drive, make sure that the up and down reciprocation is correct 3 times (up to the 1800 position).

Step12: Fixed equipment

1. Use the mobile rack to move the device to the use position (if you install it directly at the use position, this step is omitted);
2. Adjust the gap between the column and the beam to ensure that the two sides are basically equal, the gap at the back is about 2-3mm, and draw a line around the bottom plate of the column;
3. Use an electric hammer to drill the installation holes of the expansion bolts. When drilling, pay attention to the verticality of the electric hammer and do not drill offset;
4. After drilling the hole, sweep away the dust, and check whether the bottom plate of the column is aligned with the line drawn after drilling;
5. If the ground is uneven, the bottom plate needs to be cushioned to ensure that the column is perpendicular to the ground after the expansion bolts are tightened (check the hanging wire if necessary).



Step13: Adjust the device.

1. Press the lower handle of the power unit to lock the device, and check whether the four insurances are locked in the same height slot at the same time;

2. Adjust the height of the self-locking board to make the platform basically level (check with a transparent water pipe or a horizontal ruler);

3. Tighten the wire rope and check whether the tightness of the four wire ropes is basically the same;

4. Install the pedal bracket and run the empty car at full stroke (if there is a moving frame, it needs to be removed first), the sound of the insurance impact is basically synchronous when it rises, and the unlocking should be flexible and reliable when it is lowered, otherwise it should be adjusted.

Step14: Install other components

1. Install the front wheel baffle;
2. Install the pedal holder and pedal;
3. Place the drip pan, jack bracket, and rubber pad for the stopper wheel (if any);
4. Wipe the equipment and remove installation residues;
5. Carry out the first maintenance of the equipment according to the equipment maintenance catalog.

3.4 Items to be checked after installation.

S/N	Check items	YES	NO
1	Are the posts vertical to the floor?		
2	Is the platform level?		
3	Is the insurance synchronized?		
4	Is the insurance synchronized?		
5	Whether the hydraulic components are fastened and reliable?		
6	Are electrical connections right?		
7	Are the rest joints firmly screwed?		
8	Are all items need lubricating added with grease?		

4.OPERATION INSTRUCTIONS

4.1 Precautions

4.1.1 Check all the joints of oil hose. Only when there is no leakage, the lift can start work.

4.1.2 The lift, if its safety device malfunctions, shall not be used.

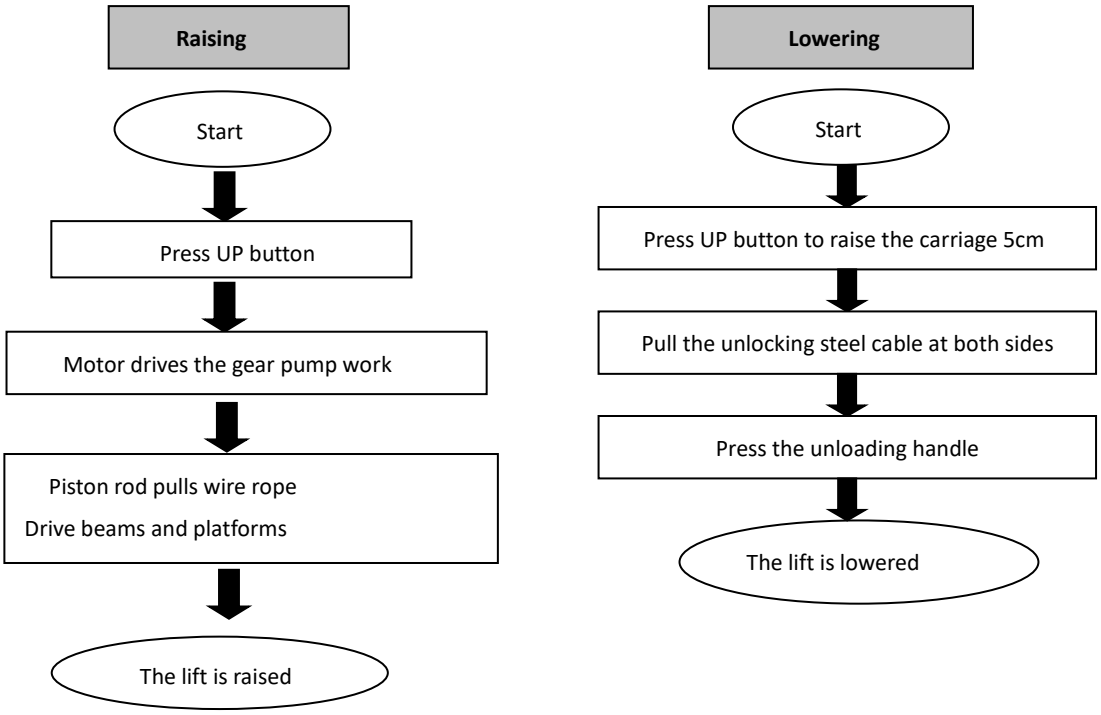
4.1.3 The machine shall not lift or lower an automobile if its center of gravity is not positioned midway of the lifting arms. Otherwise, the EOUNICE as well as our dealers will not bear any responsibility for any consequence resulted thereby.

4.1.4 Operators and other personnel concerned should stand in a safety area during lifting and lowering process.

4.1.5 When lifting arms rise to the desired height, switch off the power at once to prevent any mal-operation done by unconcerned people.

4.1.6. Make sure the safety lock of the lift is engaged before start working under the vehicle and no people under the vehicle during lifting and lowering process.

4.2 Flow chart for operation



4.3 Operation step description

Raise the lift

1. The operating instructions must be read and understood before operating the machine.

2. The vehicle enters and parks on two platforms. Note that the wheelbase of the vehicle should meet the equipment requirements: the wheelbase of the vehicle with a self-weight of more than 2.5 tons but less than 4 tons shall not be less than 2700mm, and the wheelbase of a vehicle with a self-weight of more than 1.5 tons and less than 2.5 tons shall not be Less than 2400mm, the wheelbase of vehicles with a self-weight of less than 1.5 tons should not be less than 2000mm.

3. Place the rubber pads on the rear wheels of the vehicle.

4. Make sure to connect according to the power mark on the machine nameplate.

5. First ascend a short distance (about 700-800mm from the ground), check whether the operation is normal, press the descending handle lightly, and check whether the insurance is reliable.

6. Rise to the required height, check whether the vehicle and equipment are safe, and then press the lowering unloading valve handle on the power unit to make the safety lock in place before you can work under the vehicle.

Lower the lift

1. Confirm that there are no obstacles and people under and around the device.
2. Make sure to connect according to the power mark on the machine nameplate.
3. Press the up button to release the safety lock teeth from the engaged state.
4. Press the manual release lever of the beam to release the safety lock from the self-locking plate.
5. Press the manual unloading lever on the power unit to lower the equipment.

5.TROUBLE SHOOTING

ATTENTION: If the trouble could not be fixed by yourself, please do not hesitate to contact us for help .We will offer our service at the earliest time we can. By the way, troubles could be judged and solved much faster if more details or pictures could be provided.

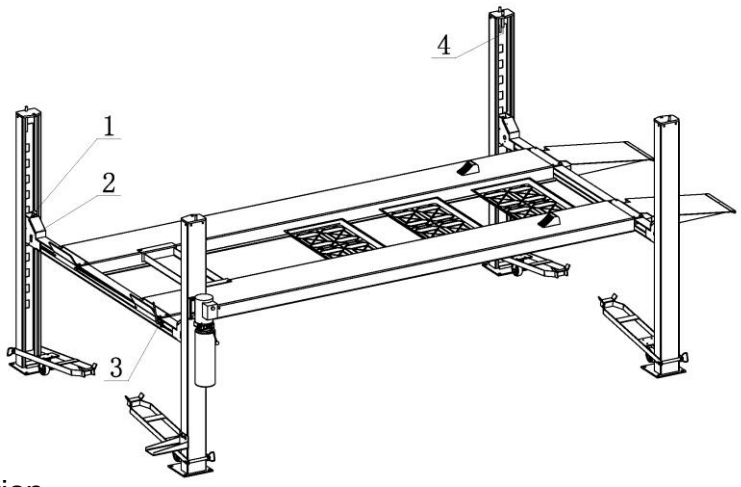
TROUBLES	CAUSE	SOLUTION
Abnormal noise	Whether there are friction marks inside the cylinder or main platform	Lubricating oil inside the column or main platform
	Whether there are obstacles inside the column or main platform	Clear internal obstacles
Motor does not run and will not rise	Poor wire contact	Check and connect the wiring
	The motor is broken and burned out	Replace the motor
	The limit switch is off-line. The action is poor. Damaged	Connect the line. Adjust or replace the limit switch
Motor runs but will not raise	Motor reverse rotation (single-phase motor omitted)	Correct the wiring method (single-phase motor omitted)
	The relief valve is loose or obstructed	Adjust or clean the relief valve
	Damaged gear pump	Replace the gear pump
	Insufficient hydraulic oil	replenish hydraulic oil
	Oil suction pipe loose	Tighten the suction pipe
	Shock valve loose or obstructed	Tighten or clean the buffer valve
Carriages go down slowly after being raised	Check the oil pipe for oil leaks	Replace the oil pipe
	Poor cylinder seal	Replace the seal
	Bad check valve seal	Decomposition, cleaning, exclusion or replacement
	Defective relief valve	Decomposition, cleaning, exclusion or replacement
	Defective manual unloading valve or solenoid unloading valve	Decomposition, cleaning, exclusion or replacement
Raising too slow	oil filter plug	Clean out or replace
	Air mixed in oil pressure	replenish hydraulic oil
	The relief valve is not adjusted properly	Adjustment
	Hydraulic oil gets hot (above 45°)	Change hydraulic oil
	Cylinder seal wear	Replace the seal
Lowering too slow	Down Throttle Stuck, Obstruction	Clean out or replace
	Dirty hydraulic oil	Change hydraulic oil
	The explosion-proof throttle valve is blocked by an obstacle	Root replacement explosion-proof throttle valve
	Oil tube is obstructed	Replace the oil tube
The steel cable is abraded	No grease when installation or out of lifetime	Replace the steel cable.

6.MAINTENANCE

Easy and low cost routine maintenance can ensure the lift work normally and safely. Following are requirements for routine maintenance. Frequency of routine maintenance is determined by working condition and frequency.

The following parts need lubrication.

S/N	Name
1	Slider in beam
2	Wire rope pulley in beam
3	Wire rope pulley under the main platform
4	wire rope



6.1 Daily checking items before operation

The user must perform daily check. Daily check of safety lock system in very important – the discovery of device failure before action could save time and prevent great loss, injury or casualty.

·Before operation, judge whether the safety locks are engaged by sound.

·Check whether oil hose well connected and whether it leaks or not.

·Check the connections of chain and steel cable and check the power unit.

·Check whether expansion bolts are firmly screwed.

6.2 Weekly checking items

·Check the flexibility of moving parts.

·Check the working conditions of safety parts.

·Check the amount of oil left in the oil tank. Oil is enough if the carriage can be raised to highest position. Otherwise, oil is insufficient.

·Check whether expansion bolt s firmly screwed.

6.3 Monthly checking items

·Check whether expansion bolts are firmly screwed.

·Check the tightness of the hydraulic system and screw firm the joints if it leaks.

·Check the lubrication and wear of the pins, wire rope pulleys, sliders, columns and related components, and replace them in time if any damage is found.

·Check the lubrication and abrasion circumstance of steel cable.

6.4 Yearly checking items

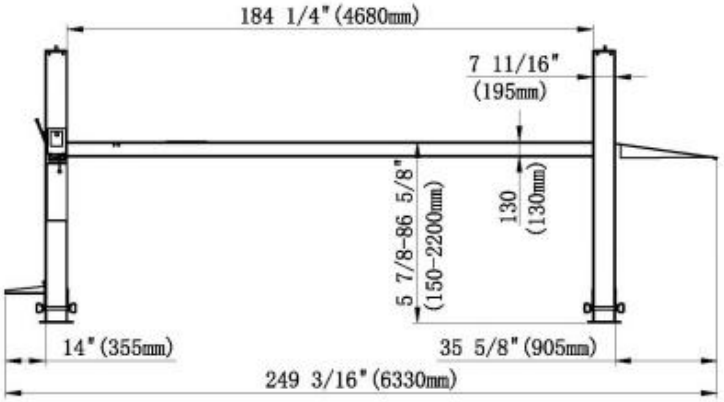
·Empty the oil tank and check the quality of hydraulic oil.

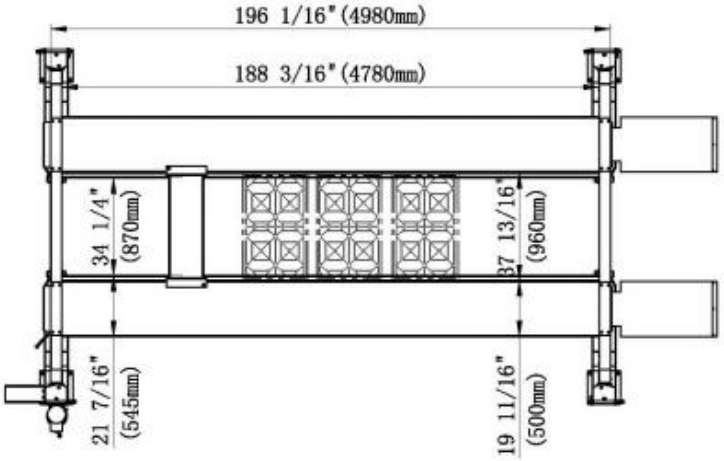
·Wash and clean the oil filter.

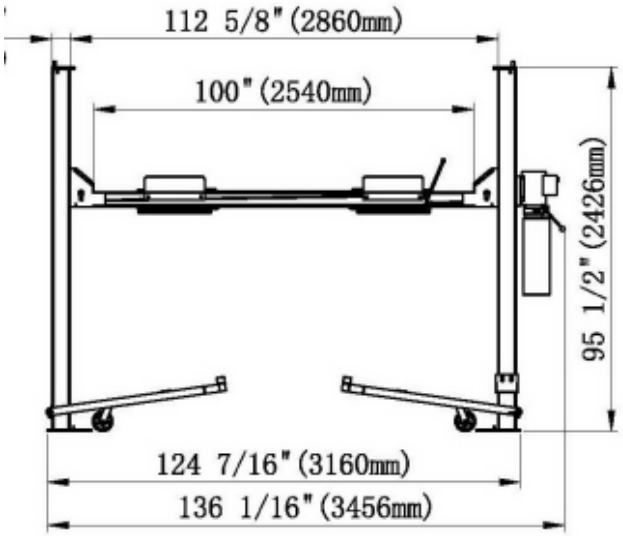
If the above maintenance suggestions are strictly followed, the lift will always keep in a good working condition and meanwhile accidents could be avoided to a large extent.

7.ANNEX

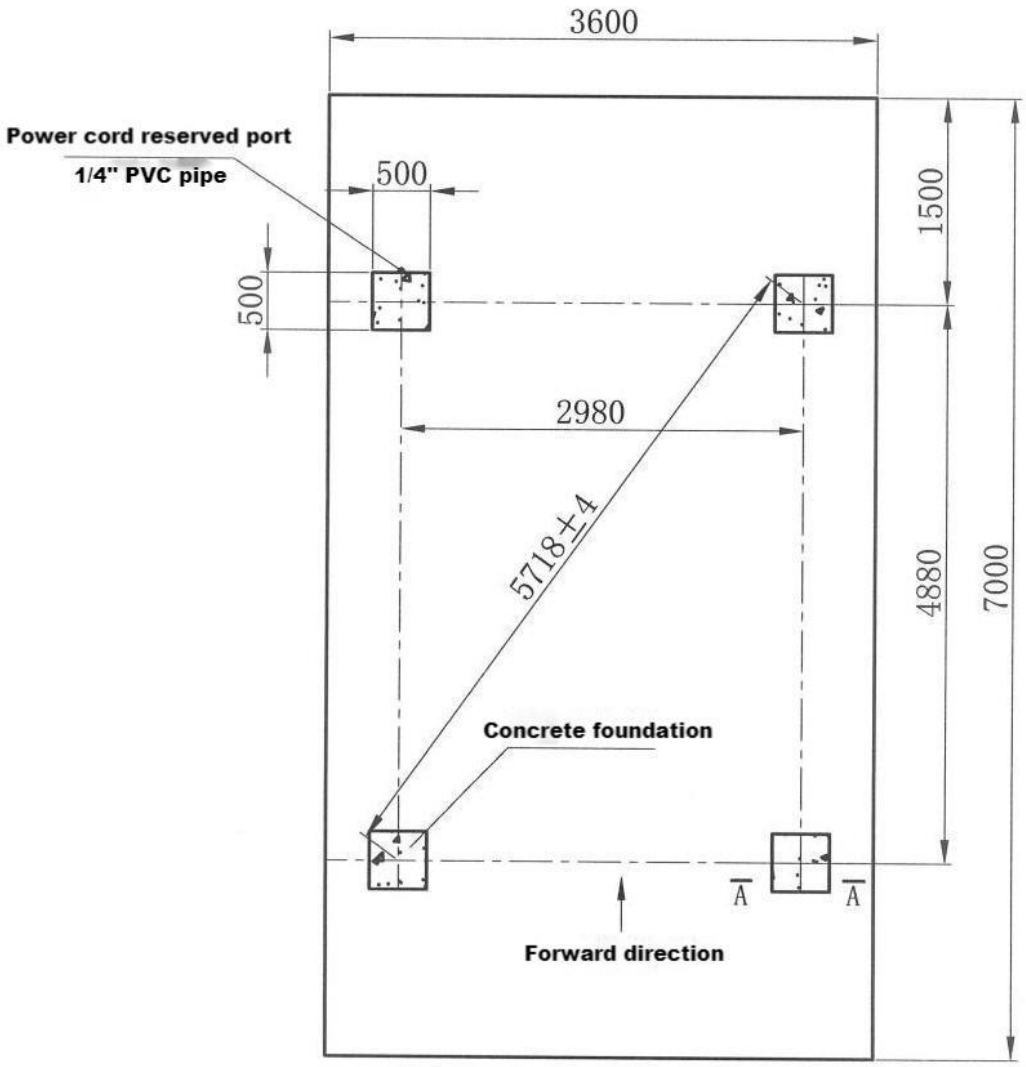
Annex1, Overall diagram

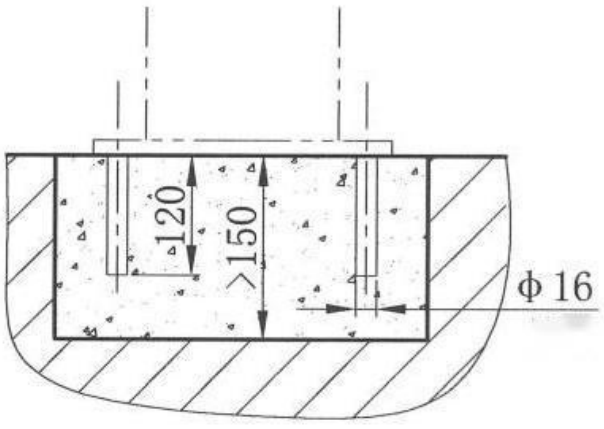




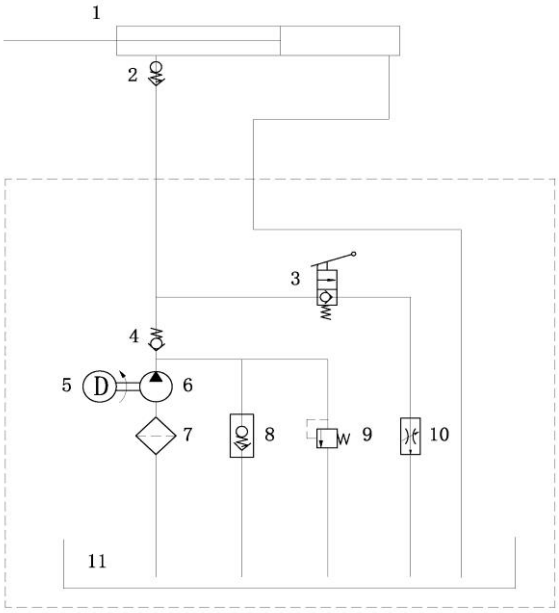


Annex2, Floor plan

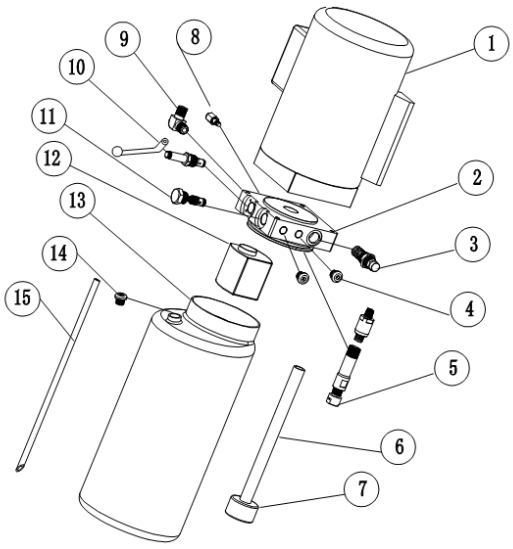




Annex3, Hydraulic working system



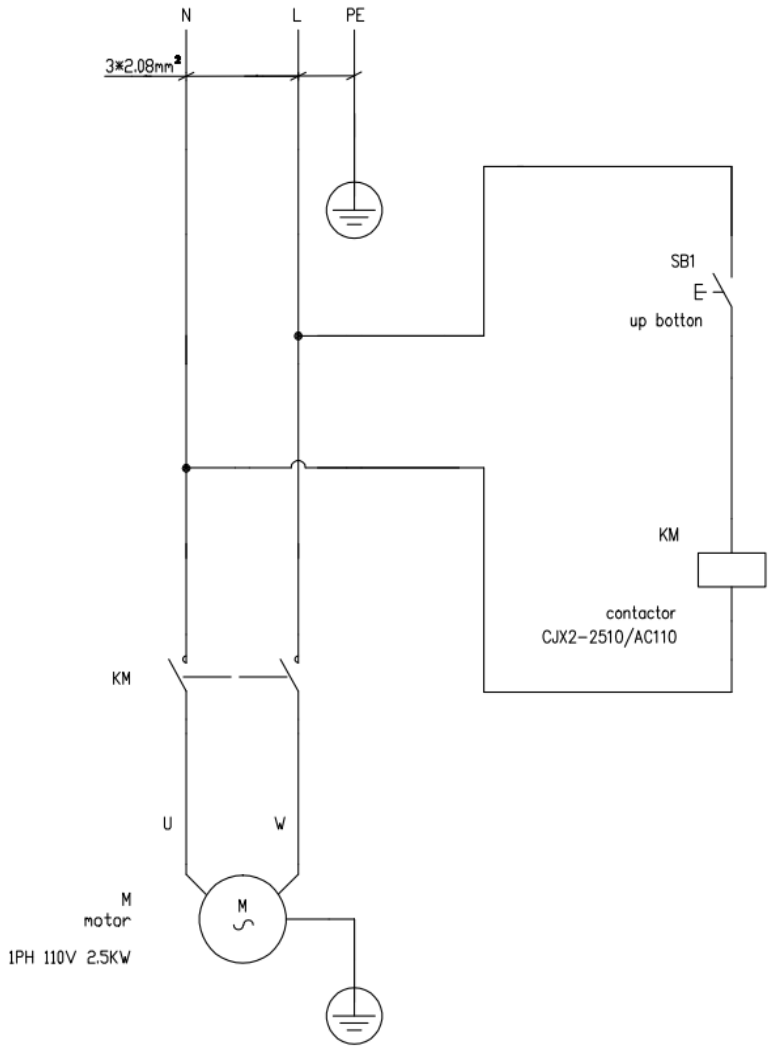
1. Oil cylinder
2. Pipe explosion-proof valve
3. Manual unloading valve
4. Check valve
5. Motor
6. Gear pump
7. Oil filter
8. Buffer valve
9. Relief valve
10. Adjustable flow valve
11. Fuel tank



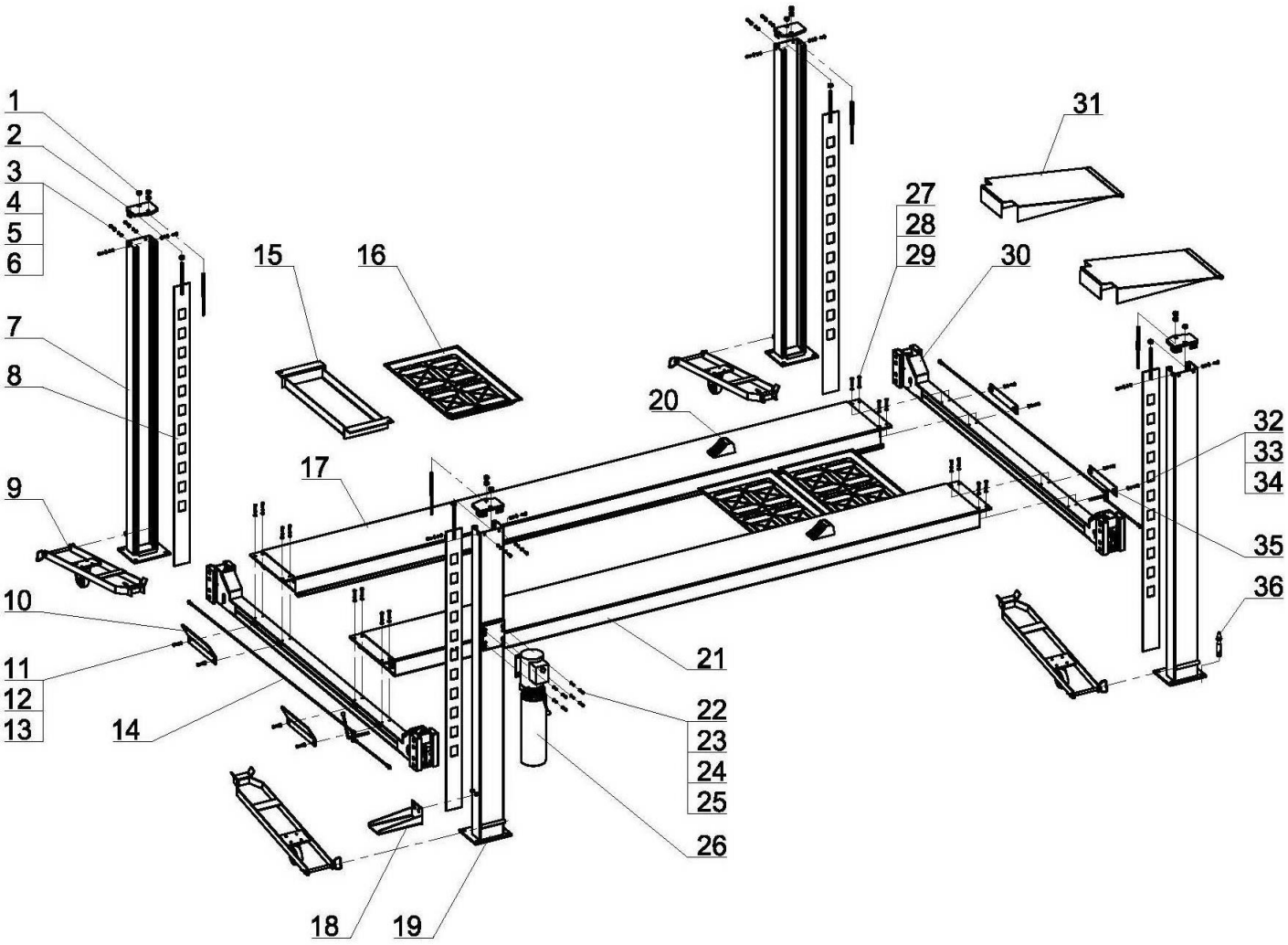
No.	Name	Quantity
1	Motor	1
2	Valve block	1
3	Relief valve	1
4	Plug	2
5	Shock valve	1
6	Oil suction	1
7	Oil ilter	1
8	Throttle	1
9	Hose	1
10	Manual	1
11	One-way	1
12	Gear pump	1
13	Plastic fuel	1
14	Fuel tank	1
15	Oil return	1

Annex4, Electrical schematic

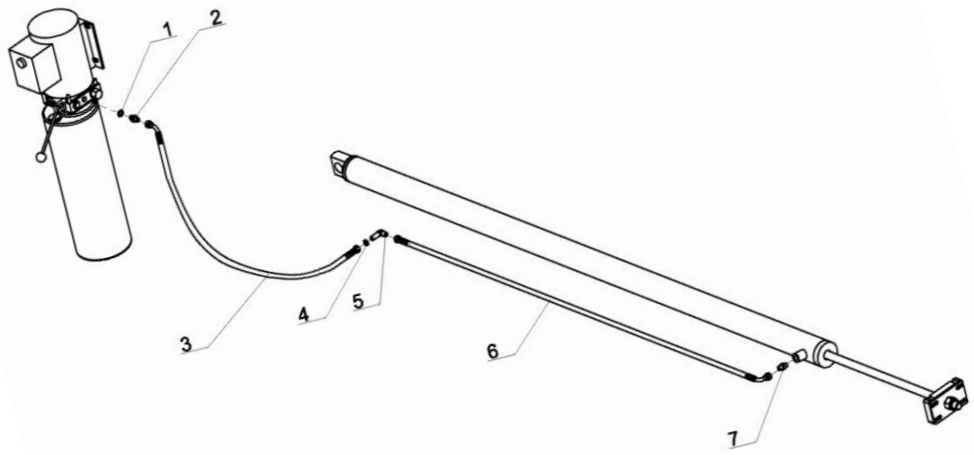
110V/1PH/60HZ



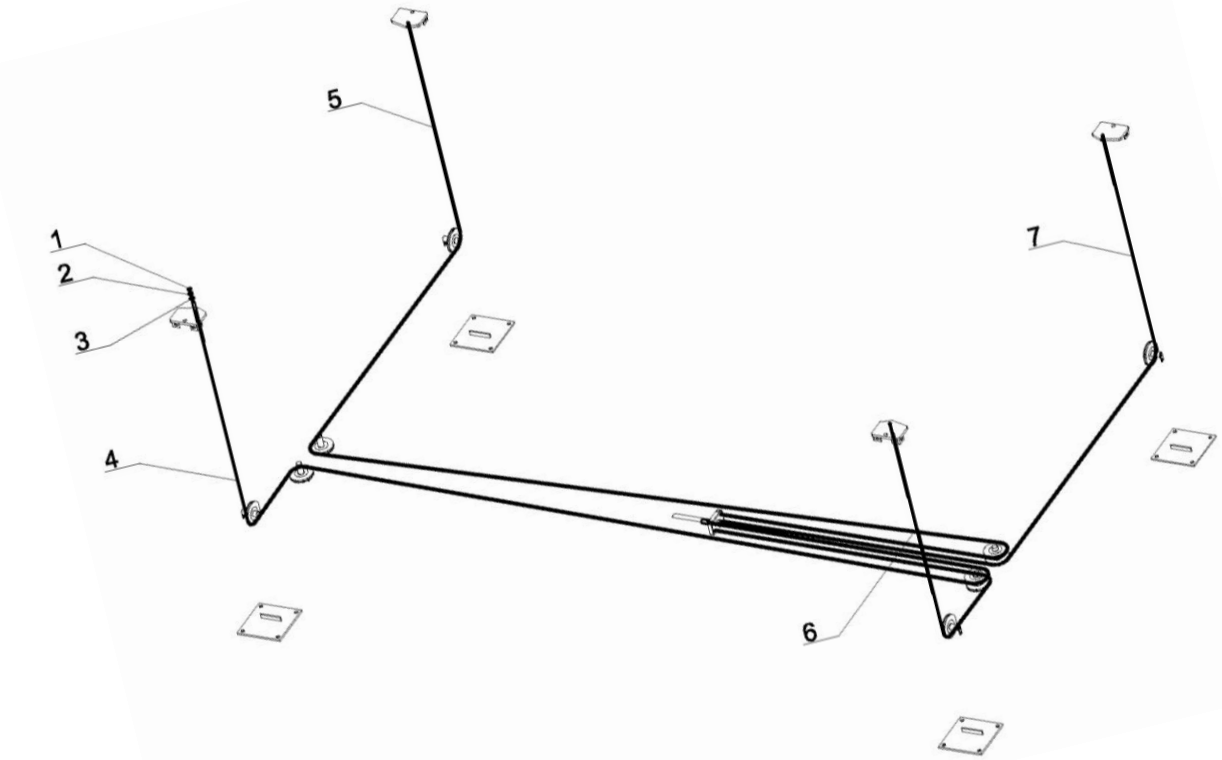
Annex 5, Separate diagrams for the lift



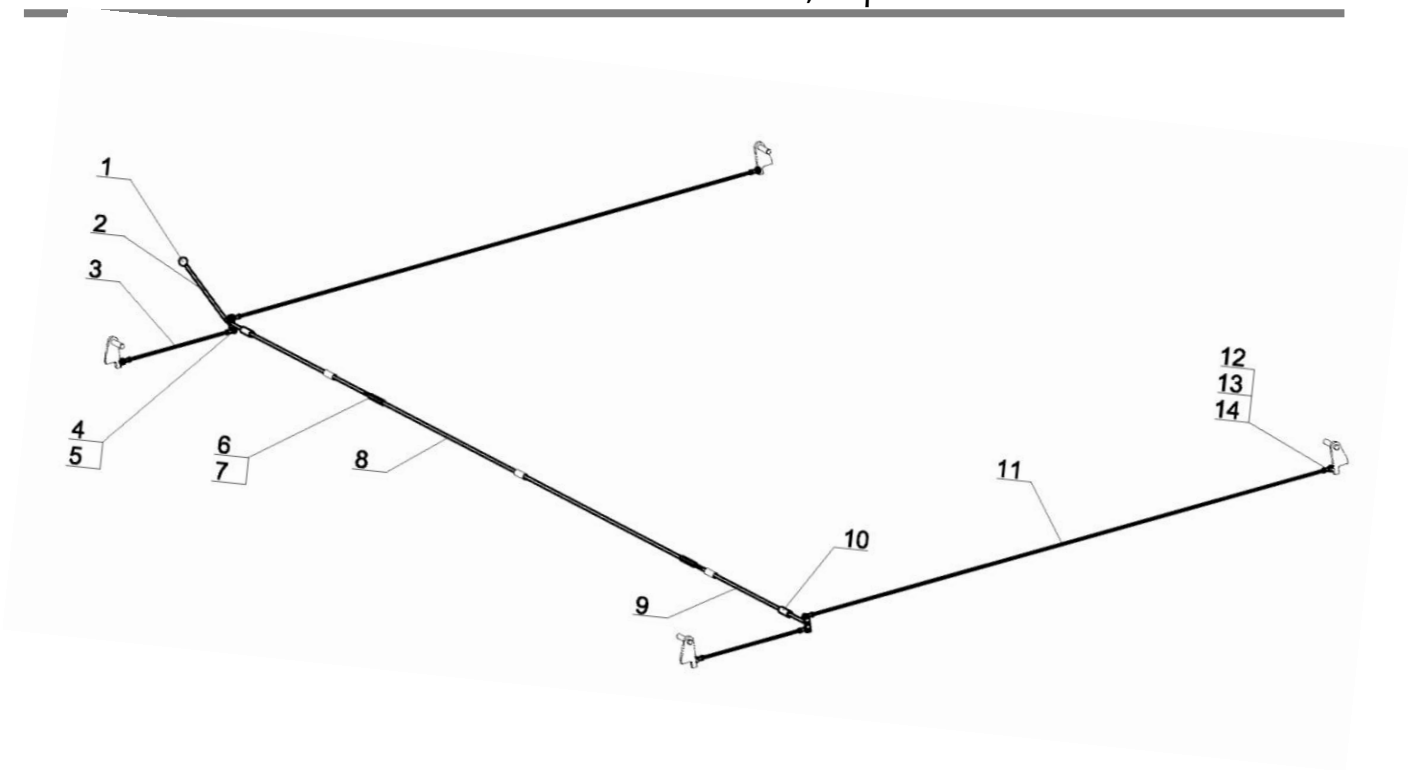
No.	Name	Drawing number (Specification)	Qty	Material	Remarks
1	Nut M18	GB/T 6170	8		
2	Column top plate	ON-7440PB-010-00	4		
3	Bolt M12×30	GB/T 5781	16		
4	Nut M12	GB/T 6170	16		
5	Flat pad 12	GB/T 95	16		
6	Spring pad 12	GB/T 93	16		
7	Deputy column	ON-7440PB-200-00	3		
8	Self-locking plate	ON-7440PB-020-00	4		
9	mobile rack	ON-7440PB-600-00	4	Compone	Optional
10	wheel chock	ON-7440PB-000-06	2		
11	Bolt M10×25	GB/T 5781	4		
12	Flat pad 10	GB/T 95	4		
13	Spring pad 10	GB/T 93	4		
14	Unlock lever		1	Compone	
15	Jack bracket	ON-7436P-031-00	1		Optional
16	Drip pan	ON-7436P-070-00	3		
17	Side platform	ON-7440PB-300-00	1		
18	Foot stand	ON-7436PBL-110-00	1		Optional
19	Main column	ON-7440PB-100-00	1		
20	Rubber pad	ON-7440PB-000-02	2		Optional
21	Main platform		1	Compone	
22	Bolt M8×25	GB/T 5781	4		
23	Nut M8	GB/T 6170	4		
24	Flat pad 8	GB/T 95	4		
25	Spring pad 8	GB/T 93	4		
26	Pumping station	ON-7440PB-000-00II	1		
27	Bolt M10×25	GB/T 5781	16		
28	Flat pad 10	GB/T 95	16		
29	Spring pad 10	GB/T 93	16		
30	Beam	ON-7440PB-400-00	2		
31	Pedal	ON-7436P-000-01	2		
32	Bolt M10×35	GB/T 5781	4		
33	Flat pad 10	GB/T 95	4		
34	Spring pad 10	GB/T 93	4		
35	Pedal seat plate	ON-7440PB-070-00	2		
36	Expansion screw		16		



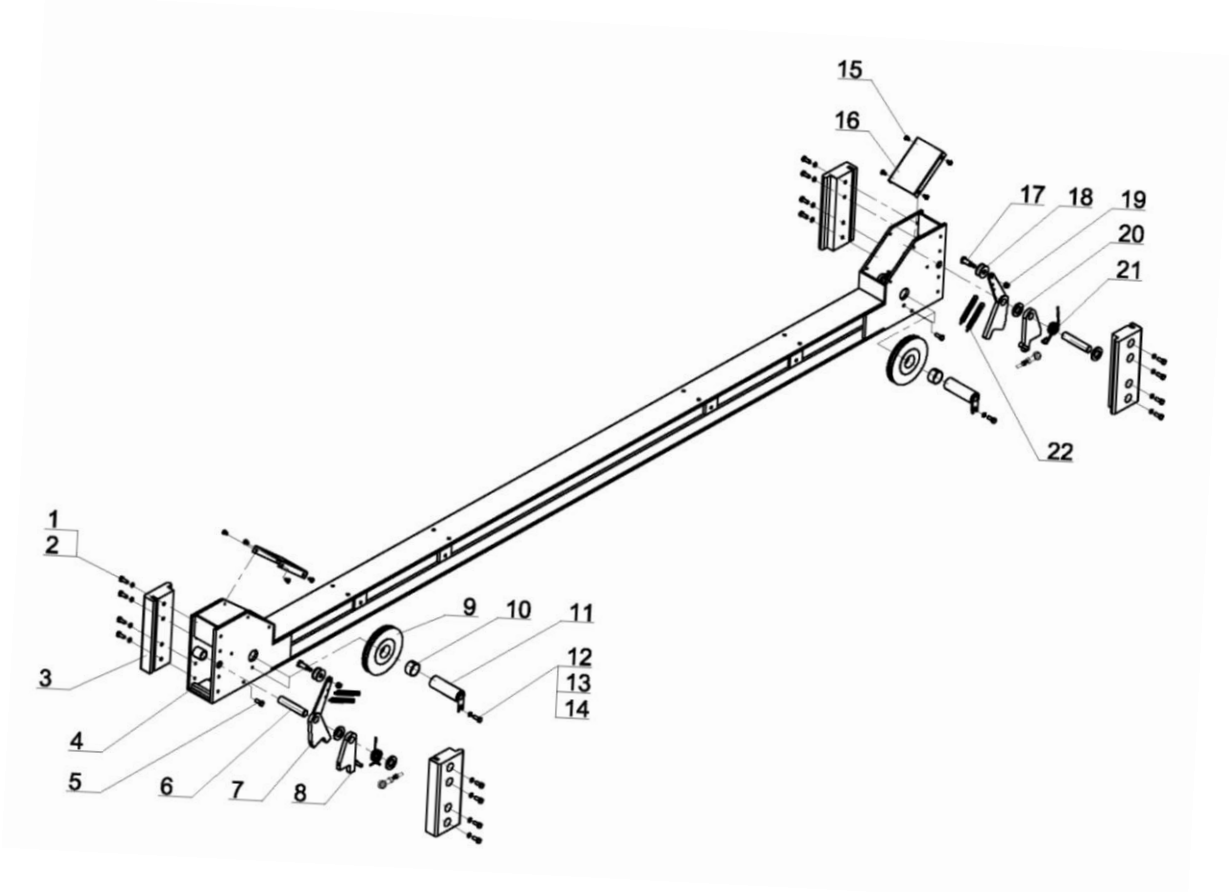
No.	Name	Drawing number (Specification)	Qty
1	Composite gasket G1/4		1
2	pump connector		1
3	High pressure oil pipe 2000	ON-7436P-000-08	1
4	Thin Nut G1/4		1
5	Bulkhead Right Angle Fittings	ON-7224E-A4-B15	1
6	High pressure oil pipe 1850	ON-7440PB-000-14	1
7	Cylinder joint	ON-7436P-000-30	1



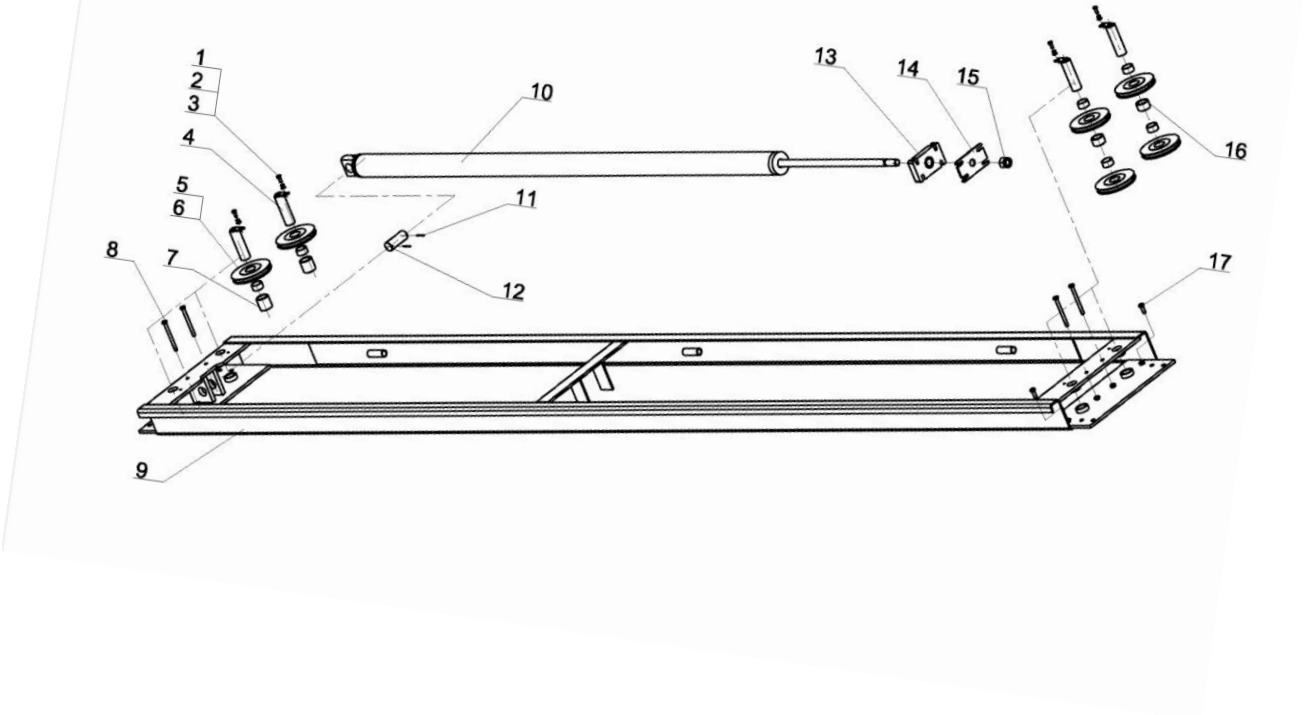
No.	Name	Drawing number (Specification)	Qty
1	Thin Nut M20	GB/T 6172	4
2	Nut M20	GB/T 6170	4
3	Spacer 20	GB/T 95	4
4	Wire Rope III	ON-7440PB-000-12	1
5	Wire Rope IV	ON-7440PB-000-13	1
6	Wire rope I	ON-7440PB-000-10	1
7	Wire Rope II	ON-7440PB-000-11	1



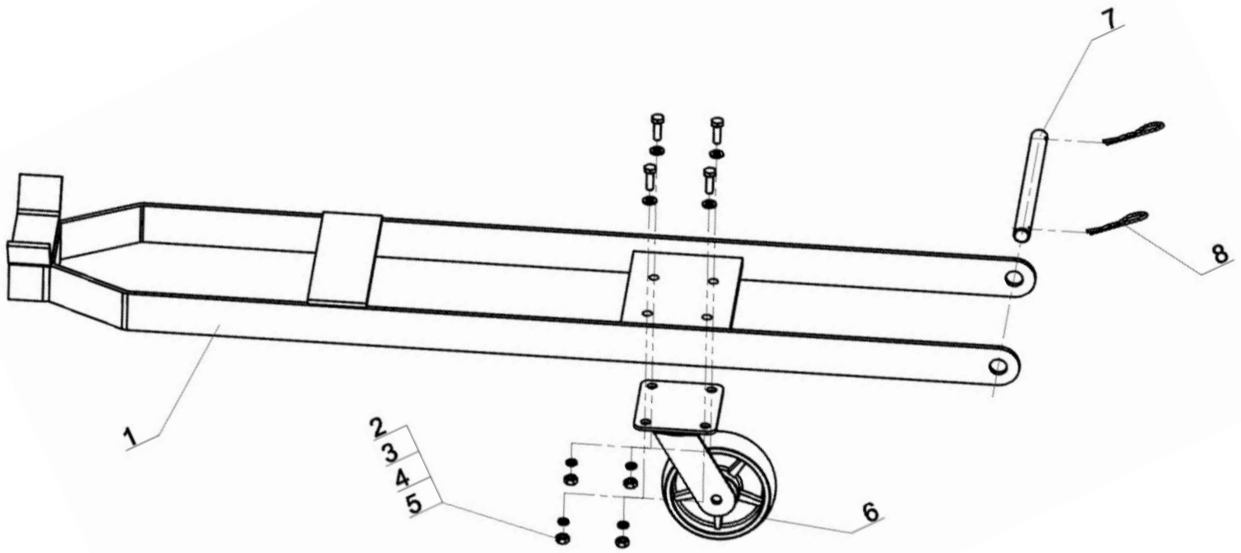
No.	Name	Drawing number (Specification)	Qty
1	Handle ball M10×30	ON-7224T-A2-B3-C6	1
2	handle bar	ON-7440PB-061-00	1
3	short tie rod	ON-7440PB-000-03	2
4	Bolt M8×30	GB/T 5781	4
5	Self-locking nut M8	GB/T 889.1	4
6	connecting screw	ON-7436P-060-02	2
7	Nut M12	GB/T 6170	4
8	double screw	ON-7440PB-000-05	1
9	link	ON-7440PB-091-00	1
10	casing	ON-7440PB-000-09	2
11	long tie rod	ON-7440PB-000-04	2
12	Rod ends M8	SI8T/K	8
13	Nut M8	GB/T 6170	8
14	Self-locking nut M8	GB/T 889.1	4



No.	Name	Drawing number (Specification)	Qty	Remarks
1	Bolt M8×30	GB/T 5781	32	
2	Flat pad 8	GB/T 95	32	
3	slider	ON-7440PB-400-01	8	
4	beam body	ON-7440PB-410-00	2	
5	Bolt M8×50	GB/T 5781	4	
6	insurance shaft	ON-7440PB-400-02	4	
7	rope break insurance	ON-7436PB-430-00	4	
8	Manual insurance	ON-7440PB-420-00	4	
9	wire rope pulley	ON-7440PB-000-01	4	
10	Composite Bushing 3520		4	
11	Wire rope pulley	ON-7440PB-440-00	4	
12	Bolt M8×25	GB/T 5781	4	
13	Flat pad 8	GB/T 95	4	
14	spring pad 8	GB/T 93	4	
15	Cross recessed screw M6×12	GB/T 818	16	
16	shield	ON-7440PB-400-03	4	
17	Shoulder screws	ON-7440PB-430-00	4	
18	nylon wheel	ON-7436PB-400-04	4	
19	Self-locking nut M8	GB/T 889.1	4	
20	Flat pad 20	GB/T 95	16	
21	torsion spring	ON-7436PB-400-02	4	
22	tension spring	ON-7436PB-400-08	8	



No.	Name	Drawing number (Specification)	Qty
1	Bolt M8×25	GB/T 5781	4
2	Flat pad 8	GB/T 95	4
3	spring pad 8	GB/T 93	4
4	Wire rope pulley	ON-7440PB-040-00	4
5	wire rope pulley	ON-7440PB-000-01	6
6	Composite Bushing 3520		6
7	Sleeve 45	ON-7440PB-000-07	2
8	Bolt M10×120	GB/T 5780	4
9	main platform	ON-7440PB-500-00	1
10	Cylinder 70/25/2050	ON-7440PB-700-00	1
11	Cotter pin 4×50	GB/T 91	2
12	Cylinder shaft	ON-7436P-000-13	1
13	wire rope seat	ON-7440PB-030-00	1
14	Wire rope fixing plate 2	ON-7436P-000-12	1
15	Self-locking nut M24	GB/T 889.1	1
16	Sleeve 27	ON-7440PB-000-08	2
17	Bolt M10×50	GB/T 5780	2



No.	Name	Drawing number (Specification)	Qty
1	Wheel fork	ON-7440PB-610-00	4
2	Bolt M10×25	GB/T 5781	16
3	Nut M10	GB/T 6170	16
4	Flat pad 10	GB/T 95	16
5	spring pad 10	GB/T 93	16
6	Universal wheel		4
7	Pin 245	ON-7440PB-620-01	4
8	R pin 3.5×70		8