

AUTOOL ATL-3.6SU

Heavy-Duty Ultra-low Small Platform Scissor Lift

User Manual

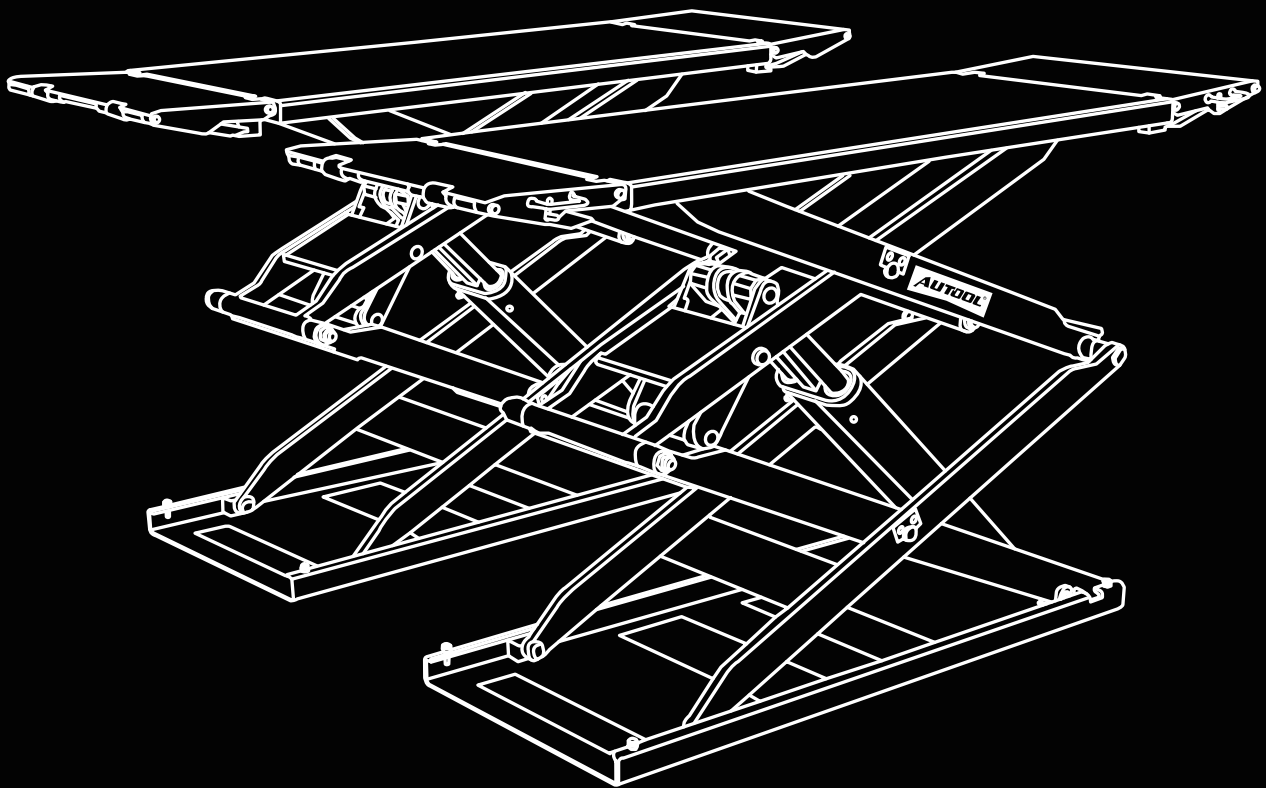


TABLE OF CONTENTS

Copyright Information	2
Copyright	2
Trademark	2
Safety Precautions	3
Warning	3
Precautions	3
Product Features and Parameters	7
Product features	7
Technical parameters	7
Diagram of product	7
Electrical diagram	8
Schematic diagram for main components	9
Preparation for Installation	10
Unpacking	10
Transportation	10
Storage	10
Preparation for installation	10
Installation	12
Commissioning	16
Maintenance	18
Maintenance	18
Operation cautions	18
Electrical operation instructions	18
Oil-filling and leveling	19
Troubleshooting And Solutions	21
Exploded Views	23
Maintenance Service	25
Maintenance	25
Warranty	26
Warranty access	26
Disclaimer	26
Return & Exchange Service	27
Return & Exchange	27
EU DECLARATION OF CONFORMITY	27

COPYRIGHT INFORMATION

Copyright

- All rights reserved by AUTOOL TECH. CO., LTD. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of AUTOOL. The information contained herein is designed only for the use of this unit. AUTOOL is not responsible for any use of this information as applied to other units.
 - Neither AUTOOL nor its affiliates shall be liable to the purchaser of this unit or third parties for damages, losses, costs, or expenses incurred by the purchaser or third parties as a result of: accident, misuse, or abuse of this unit, or unauthorized modifications, repairs, or alterations to this unit, or failure to strictly comply with AUTOOL operating and maintenance instructions.
 - AUTOOL shall not be liable for any damages or problems arising from the use of any options or any consumable products other than those designated as original AUTOOL products or AUTOOL approved products by AUTOOL.
 - Other product names used herein are for identification purposes only and may be trademarks of their respective owners. AUTOOL disclaims any and all rights in those marks.
-

Trademark

Manual are either trademarks, registered trademarks, service marks, domain names, logos, company names or are otherwise the property of AUTOOL or its affiliates. In countries where any of the AUTOOL trademarks, service marks, domain names, logos and company names are not registered, AUTOOL claims other rights associated with unregistered trademarks, service marks, domain names, logos, and company names. Other products or company names referred to in this manual may be trademarks of their respective owners. You may not use any trademark, service mark, domain name, logo, or company name of AUTOOL or any third party without permission from the owner of the applicable trademark, service mark, domain name, logo, or company name. You may contact AUTOOL by visiting AUTOOL at <https://www.autooltech.com>, or writing to aftersale@autooltech.com, to request written permission to use materials on this manual for purposes or for all other questions relating to this manual.

SAFETY PRECAUTIONS

Warning



- ▶ This manual is an essential part of the product. Please read it carefully.
 - ▶ Keep this manual properly for future reference during maintenance.
 - ▶ Operate according to this manual and only use accessories recommended by the manufacturer.
 - ▶ This machine is intended for the specific purposes stated in the design; do not use it for any other purposes.
 - ▶ Important Statement: The warranty period for the complete machine is 3 years (excluding consumable parts). However, the company is not responsible for any consequences caused by improper installation, non-compliant grounding, overload, or incorrect operation.
-

Precautions



- ▶ This machine must be operated by trained and qualified personnel. Unauthorized modification of machine parts or usage outside the scope specified in the manual may cause direct or indirect damage to the machine.
- ▶ This machine is for indoor installation only. The installation environment should not be excessively humid, and installation on asphalt surfaces is strictly prohibited. The thickness of the concrete must meet the requirements.
- ▶ Do not place the lift in extreme temperature or humidity conditions. Avoid placing it near heating devices, faucets, humidifiers, or stoves.
- ▶ Keep the lift away from excessive dust, ammonia, alcohol, thinners, or spray adhesives.
- ▶ When the machine is operating, non-operators should stay away from it.
- ▶ Operators should ensure their hands and feet are kept away from the lift's moving parts.
- ▶ Perform daily inspections on the lift. Do not operate the lift if it is faulty or if any parts are damaged. When repairing or replacing parts, use original equipment parts.
- ▶ The lift should not be overloaded. The rated load capacity of the lift is marked on both the main body and the nameplate.
- ▶ Do not lift the vehicle when there are people inside it. During operation, customers and bystanders should stay out of the lift area.
- ▶ Keep the lift area free of obstacles, grease, oil, debris, and other impurities.
- ▶ Adjust the lift's support device to make contact with the manufacturer's recommended lifting points. Raise the lift and ensure that the support is in close contact with the vehicle. Lift the machine to the appropriate working height. Before starting work under the lifted vehicle, ensure that the lift's safety locks are engaged.

- ▶ For certain vehicles, the removal (or installation) of parts may cause a significant shift in the center of gravity, leading to vehicle instability. Safety supports should be used to maintain vehicle balance.
- ▶ Before the vehicle leaves the lifting area, position the lift's arms and supports to avoid obstruction during vehicle movement.
- ▶ Pay attention to regular maintenance, check all components for damage, inspect the machine's synchronization and the flexibility of moving parts.
- ▶ If any abnormalities are found, stop using the machine immediately and contact the dealer.
- ▶ Use appropriate equipment, tools, and safety protective measures, such as work clothing, safety shoes, etc.
- ▶ Pay special attention to the safety labels affixed to the machine.
- ▶ During the operation of the lift, operators must stay out of the danger area (the range of the lift's moving parts) and must not touch any moving parts with hands or other body parts.
- ▶ Pay special attention not to remove or disable the machine's safety devices.
- ▶ Do not disassemble any hydraulic components when the equipment's pressure system has not been fully depressurized.
- ▶ After work is completed, lower the machine to its minimum height and turn off the power.
- ▶ The hydraulic oil used in this machine is N32 or N46 mechanical oil. Be sure to use it within the safe range.
- ▶ When the machine is not used for a long time, the user should: a. cut off the power; b. drain the hydraulic oil; c. lubricate moving parts that may be damaged by dust or dryness.
- ▶ Note: The lift is a high-risk piece of equipment. Improper installation or operation, or unauthorized modification of mechanical parts, may result in personal injury or death. Please read the manual carefully and operate strictly according to the instructions! The safety warnings and instructions in this manual do not cover every possible situation. Operators must possess sufficient safety knowledge.
- ▶ **AUTOOL is committed to continuously improving product quality and updating technical specifications. Changes may be made without prior notice.**



- ▶ Before using the lift, carefully read the user manual and the installation and commissioning guide.



- ▶ Proper maintenance and inspection are required to ensure safe operation.



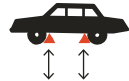
- ▶ Do not operate a damaged lift.



- ▶ The lift may only be operated by trained personnel.



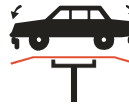
- ▶ Only authorized personnel are allowed in the lift area.



- ▶ The vehicle manufacturer's recommended lifting points should be used.



- ▶ Safety supports must always be used when removing or installing heavy components.



- ▶ Using auxiliary supports will reduce the lift's load capacity.



- ▶ When there is a risk of vehicle tipping, the surrounding area should be kept clear.



- ▶ The vehicle's center of gravity must be between the two support arms.



- ▶ When raising or lowering the vehicle, ensure the area around the lift is clear of obstacles.



- ▶ Avoid excessive rocking of the vehicle while it is on the lift.



- ▶ Single-side lifting of the vehicle is strictly prohibited.



- ▶ Keep feet away from the lift while it is lowering.



- ▶ Do not stand under the support arms or lifting platform while the lift is raising or lowering a load.



- ▶ The operator is not allowed to stay under the vehicle being serviced during operation.



- ▶ The operator and standby personnel should not stay too close to the machine but should remain in the safety area.



- ▶ Only trained technicians are permitted to operate the lift.



- ▶ When the lift is lowering, no auxiliary stand or wooden stick should be used.



- ▶ Do not shake the vehicle forcefully while it is still resting on the lift arms.



- ▶ Take care of your feet when the equipment is lifting or lowering.



- ▶ It is not allowed to lift or lower just one side of the track.



- ▶ Do not alter the safety system of the lift.



- ▶ Be cautious of your feet when the lift is lowering.



- ▶ Ensure the lifting weight is balanced on both tracks to avoid tilting or sliding.



- ▶ Keep the equipment groove clean.



- ▶ Please read the operation manual carefully before operation.



- ▶ Keep the vehicle being serviced parallel to the lifting tracks.



- ▶ There is high voltage in the control box.

- ▶ If the warnings are ignored, not only can the equipment encounter issues, but it can also pose a danger to the operator.
- ▶ Regular equipment maintenance helps ensure long service life and operator safety.

PRODUCT FEATURES AND PARAMETERS

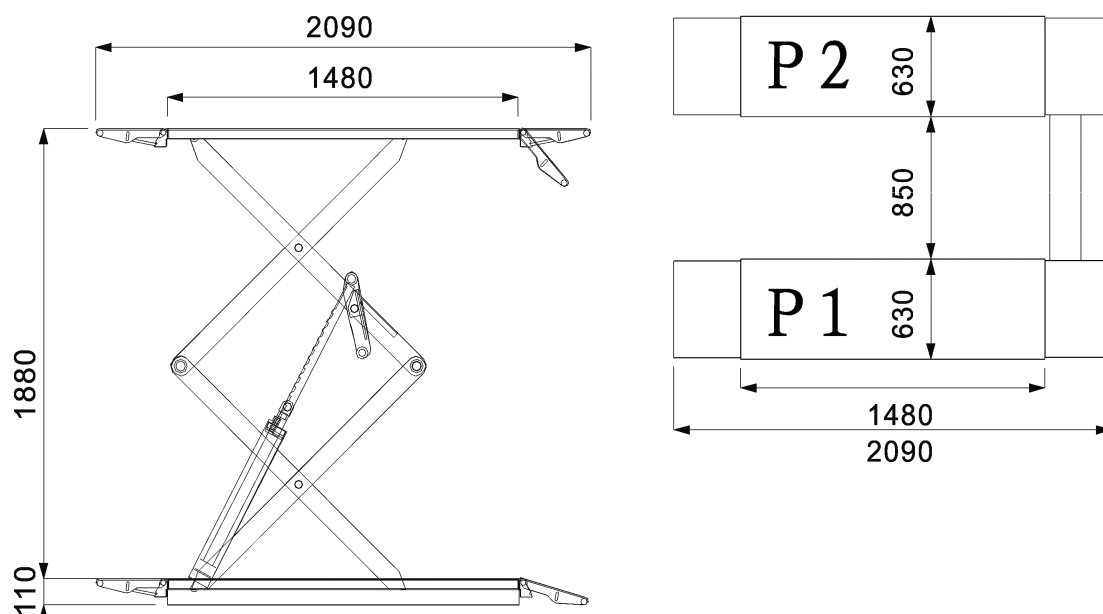
Product features

- Movable ramp which can be used as extension board.
- Monolithic baseplate without splice.
- Stable and reliable control system.
- Aluminum alloy motor with low noise and fast heat dissipation.

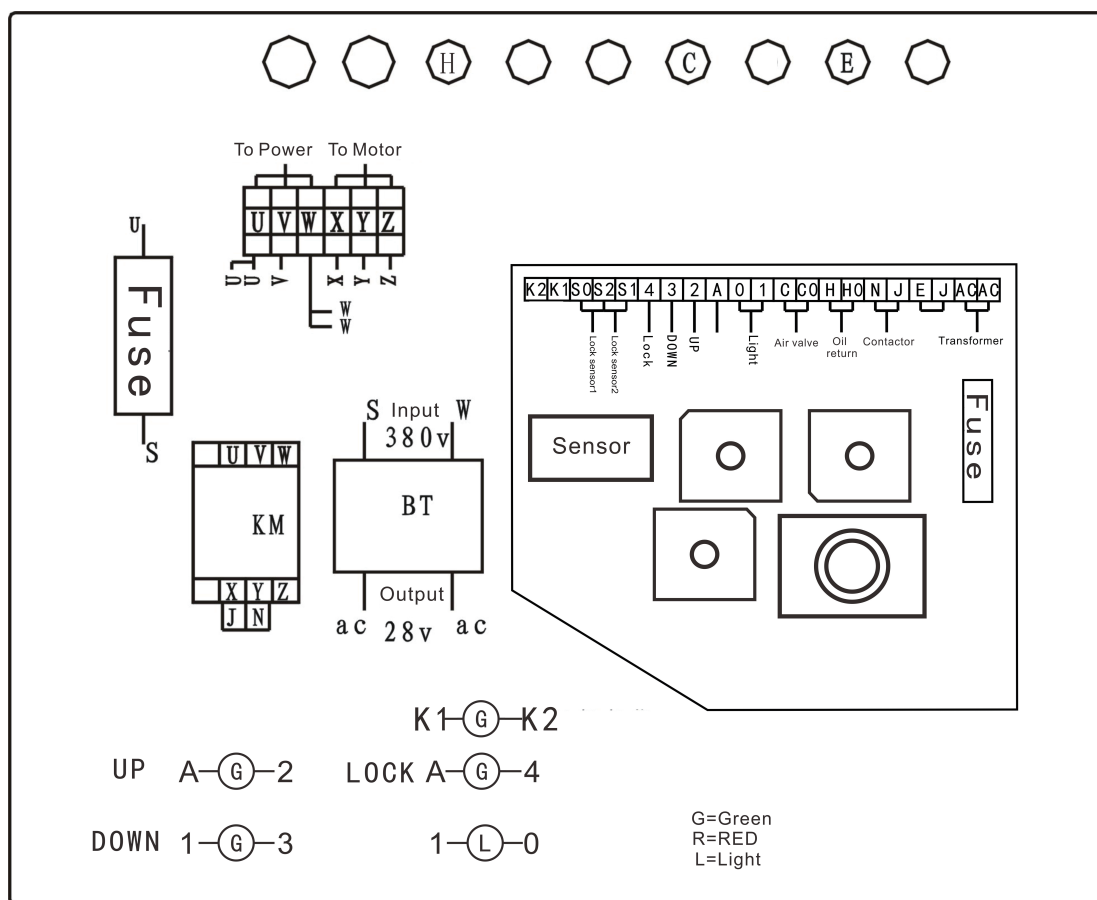
Technical parameters

Rated lifting capacity	3600kg
Initial height	110mm
Lifting height	1880mm
Platform length	1480~2090mm
Platform width	630mm
Motor parameters	3PH, 380VAC, 3kW
	1PH, 220VAC, 3kW
Type of hydraulic oil	ISO 46#
Air pressure	0.6-0.8MPa

Diagram of product



Electrical diagram

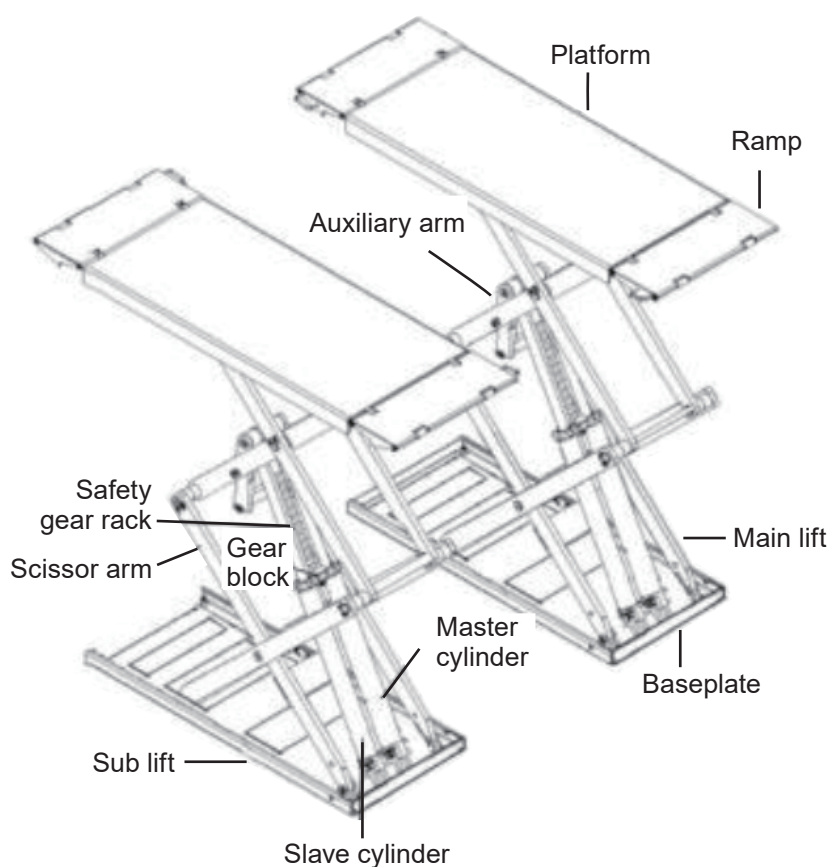


- Connect the wire if the number is the same.

NO.	Code	Name	Specification	QTY	Remarks
1	QS	Automatic air switch	C63	1	Retrofitted by the user
2	CK	AC contactor	CJX2-1201	1	
3	HL	Power Indicator	AD130	1	
4	SA1	UP button	Y090 10	1	
5	SA2	DOWN button	Y090 20	1	
6	SA3	Lock button	Y090 10	1	
7	YV	Oil return valve	24V-50HZ	1	Supplied in hydraulic station
8	M	AC motor	3KW/50HZ	1	

Schematic diagram for main components

- Working platform: For lifting the vehicle by contacting the chassis.
- Safety gear rack: Safety mechanism for mechanical locking.
- Gear block: Blocking safety gear rack.
- Ramp: Can be pulled up and used as extension board to bear load.
- Auxiliary arm: Providing help at the start of lowering and raising.
- Control cabinet: Control unit, providing the power takeoff.
- Master cylinder: Actuator, pushing the platform to rise, with two oil pipes.
- Slave cylinder: Actuator, pushing the platform to rise, with one oil pipe.
- Scissor arm: Main lifting structure.

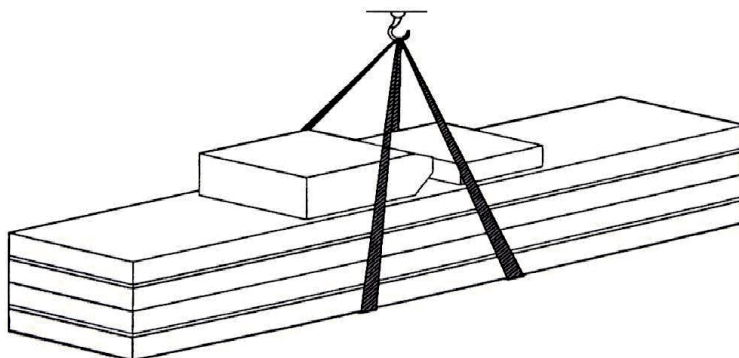


PREPARATION FOR INSTALLATION

Unpacking All packing, loading / unloading, transportation and unpacking operations must be performed by professional personnel.

Transportation

- The scissor lift shall be loaded/unloaded and moved by a lifting machine and forklift with capacity over 3 tons.
- To prevent the scissor lift falling off, one person shall pay attention to the scissor lift during the lifting operation for fear of accidents.
- The scissor lift shall be transported by an automobile or ship.
- The scissor lift shall be inspected for completeness when it arrives, for fear of damage or loss during transportation.
- If the packing box is broken during transportation, inspect the broken box according to the Packing List, confirm the damaged articles and lost components, and at the same time, inform the carrier immediately.
- The lift is heavy! Therefore, manpower loading/unloading and handling are forbidden. Safety is of much importance.
- In addition, the hoisting of scissor lift during loading/unloading shall be operated as illustrated.



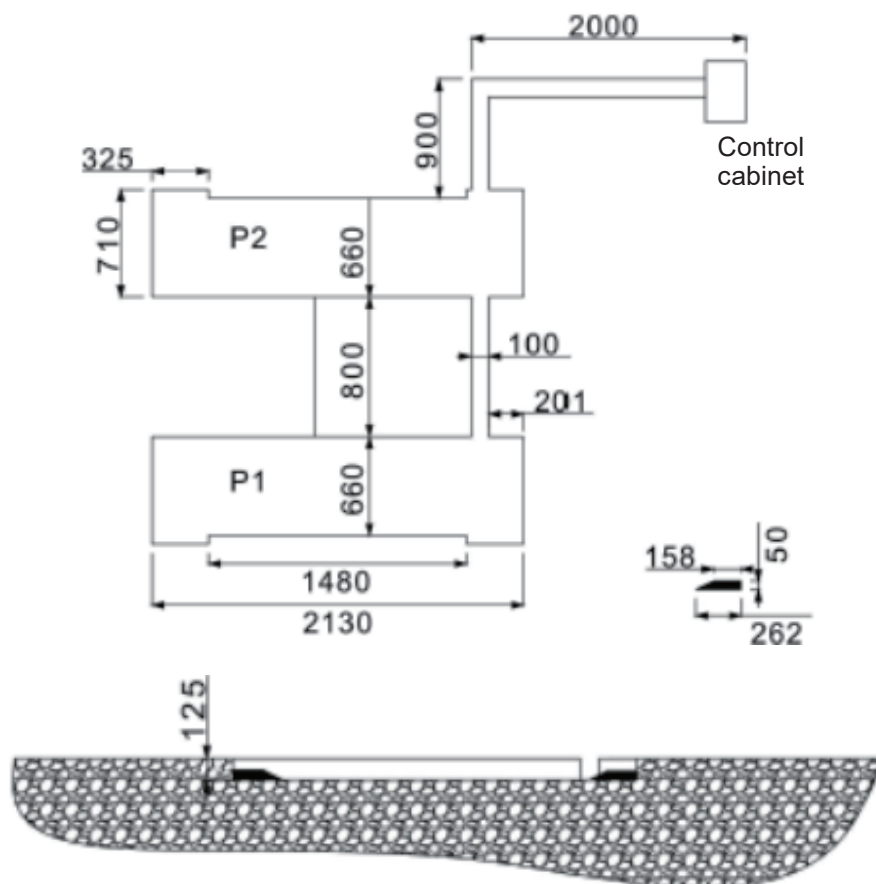
Storage

- Machinery equipment shall be stored in an indoor warehouse, and waterproof treatment shall be adopted in case of outdoor storage. A van truck shall be used for highway transportation, and a container for waterway transport. The control cabinet must be placed upright during transportation, and be protected from squeezing by other goods.

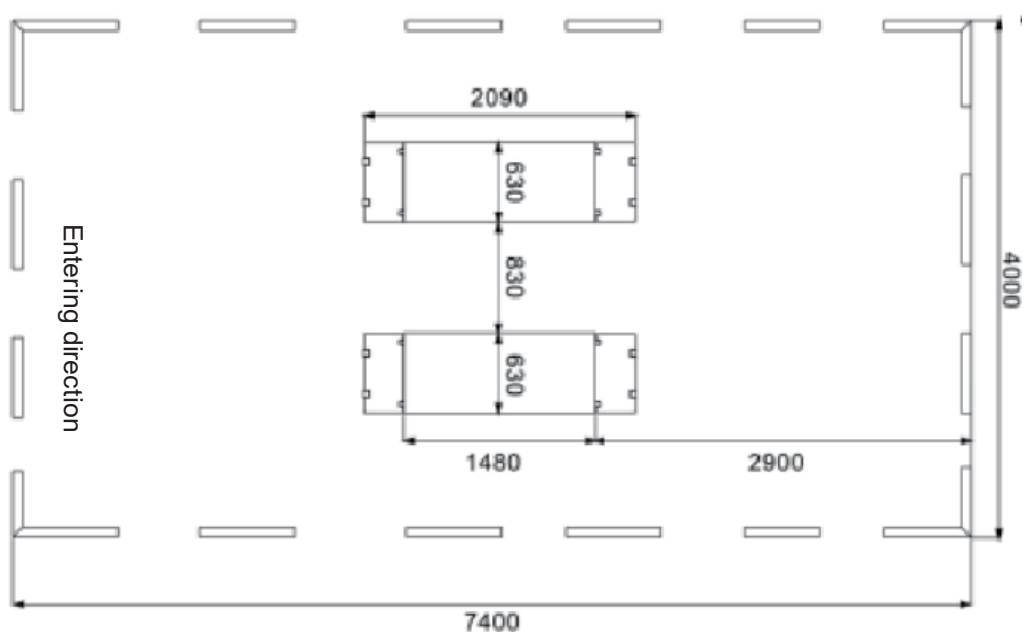
Preparation for installation

- **Installation scheme**
Foundation diagram of the product:

- 220V: Incoming power wire 4mm², ground wire 2.5mm²
- 380V: Incoming power wire 2.5mm², ground wire 1.5mm²
- Air supply pressure 6-8kg/mm²



- Schematic diagram



Voltage	380V	220V	380V	220V
Power	3kW	3kW	2.2kW	2.2kW
Start current	21A-35A	60A	18A-30A	60A
Operating current	8.5A	21A-25A	7.5A	20A-22A
Wire size	>2.5 ²	>4 ²	>2.5 ²	>4 ²
Air switch	C63	C63	C63	C63
Applicable to	Scissor lift	Scissor lift	Two posts, four posts	Two posts, four posts

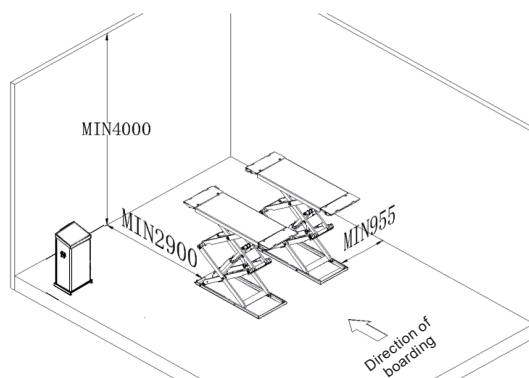
Installation

⚠ NOTE

- Only professionals are allowed to conduct the installation work. Moreover, they shall read and follow the operation instructions below carefully to prevent machine damage or injuries.
- Only authorized technicians are allowed to install the lift.

Installation requirements

- The lift must be installed in accordance with the specified safe distances from walls, columns and other equipment (as shown in picture), including the minimum distance 2000mm-2900mm from walls.
- The ceiling height cannot be less than 4000mm. It is recommend to install the lift in a pit, and construct the foundation as required in picture.
- Nevertheless, the lift can be installed on any indoor floor, provided that the floor meets the leveling requirements and has enough bearing capacity ($\geq 25\text{MPa}$).

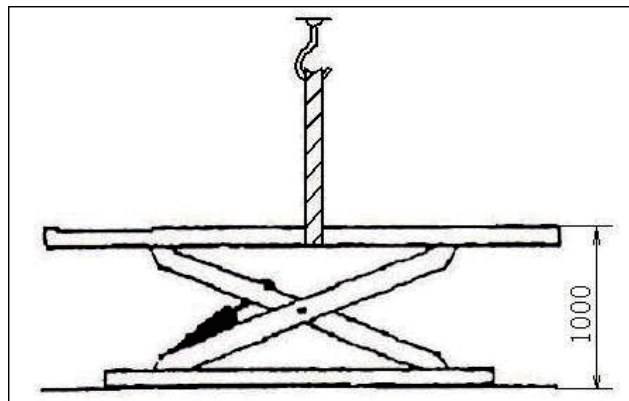


- The arrived goods shall be inspected for completeness before installation of scissor lift.

- The movement and installation of the lift shall be carried out by the professionals.
- For the transportation and storage of the machine, refer to the “Transportation and Storage”.

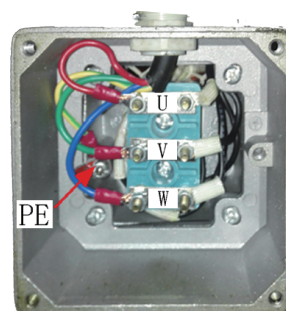
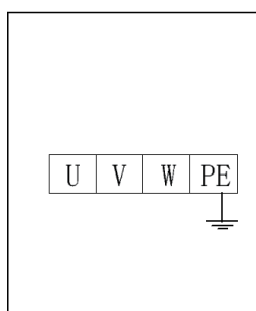
Installation of lifting platforms

- Determine the installation direction of the lift according to the arrows on the lift package. When the lift is installed in the pit or on the ground, insert adjusting sizing blocks under the platform, lift the lifting platform with a forklift or other lifting equipment to about 1000MM, so as to ensure that the mechanical safety device is activated and locked.

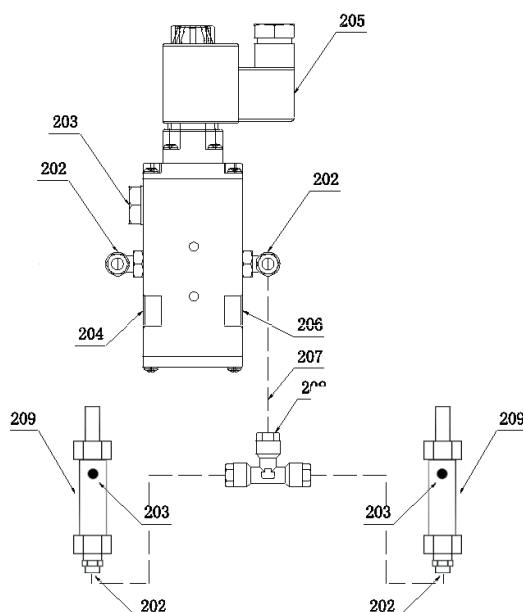


! NOTE

- ▶ To avoid the failure of the mechanical safety device, a wood block can be inserted at the middle of the connecting rod. When the hydraulic system is not fully filled with hydraulic oil and has the lifting and lowering actions, do not work under the lift. Move the lifting platforms, adjust the distance between two platforms to make them parallel, and connect the electric circuit, oil circuit and pneumatic circuit as specified in the electrical diagram and oil circuit connection diagram.
- ▶ Only after the hydraulic system connection is completed, the pneumatic circuit connection can be conducted.
- ▶ Oil pipes, electric wires and air pipes shall not be damaged.
- ▶ Connection of electrical circuit: Connect the electrical circuit according to the wire diameter and wire size specified in the electrical diagram.
- ▶ Only the professionals qualified for electrical operation are allowed to conduct the electrical installation
- ▶ Open the upper cover of the control cabinet first.
- ▶ Connection of power line: Connect the 380V three-phase four-wire power line (cable of $3 \times 2.5\text{mm}^2 + 1 \times 1.5\text{mm}^2$) to the control cabinet interfaces U, V, W and input terminal, and connect the PE grounding wire to the labeled grounding bolt firstly and then to the labeled grounding bolts at the bottom of the two platforms.

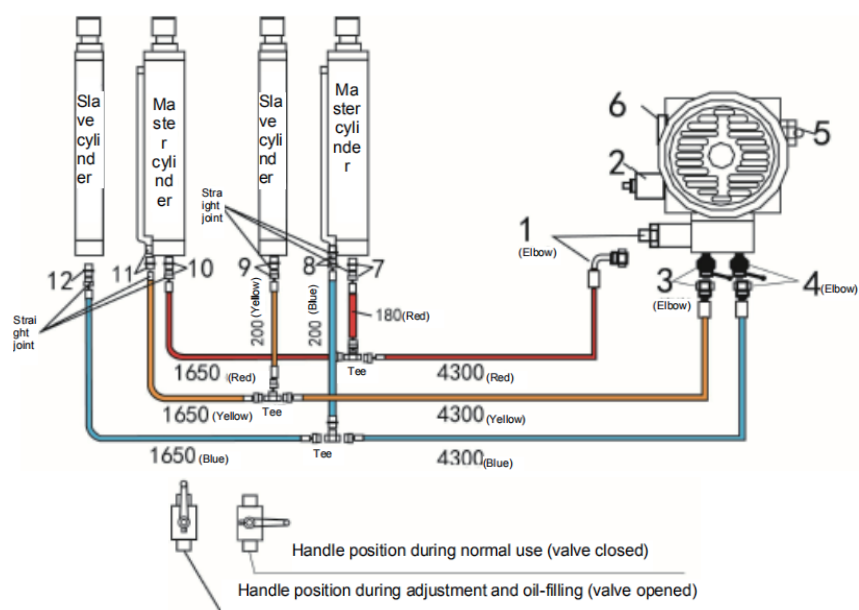


Connection schematic diagram of air pipe joint



S/N	Part No.	QTY
203	Muffler	3
204	Plug 1/8	1
205	Solenoid valve	1
206	Plug 1/4	1
207	Air pipe PU0604	1
208	T-joint APE	1
209	Small cylinder	2
211	Air pipe PU0806	

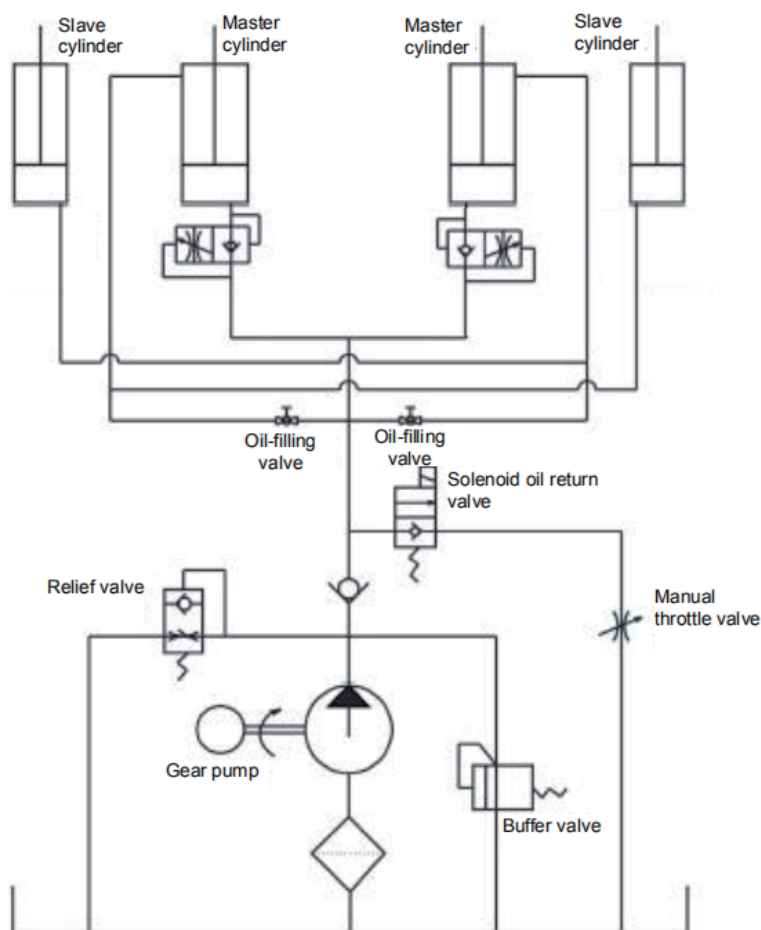
Schematic diagram of oil pipe joint



NOTE

- Adjustment is only necessary in case of imbalance of both platforms.

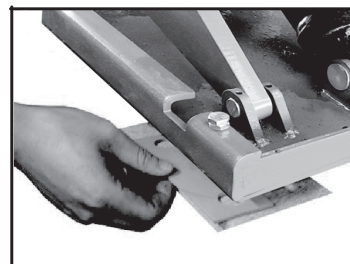
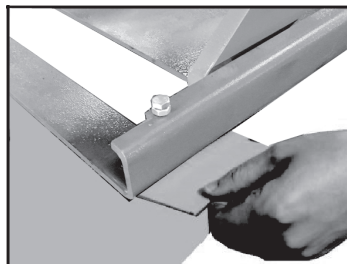
Hydraulic schematic diagram



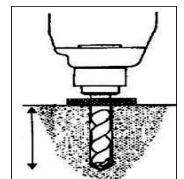
- Explosion-proof valve: used to significantly reduce the speed of lowering after the blowout of oil pipe.
- Oil-filling valve: used to adjust the amount of oil in the slave cylinder.
- Solenoid oil return valve: controlling the oil circuit for lowering.
- Manual throttle valve: adjusting the speed of lowering.
- Relief valve: controlling the maximum pressure.
- Gear pump: supplying oil pressure.
- Buffer valve: reducing the motor load when the motor starts.

COMMISSIONING

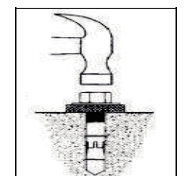
- Filling of hydraulic oil: Open the door of the control cabinet and fill the hydraulic tank with 16L 46# anti-wear and antifreezing hydraulic oil (provided by the user) with a funnel.
- Pipeline connection: Connect the oil pipe according to Oil Circuit Connection Diagram (the protection of the joint is the most critical during the process of connecting the oil pipe, and prevent the sand from entering the oil circuit).
- Oil-filling and leveling: Turn on the power, press the UP button, check whether the motor runs in the correct direction, and finally fill oil and perform bleeding and leveling.
- Installation and leveling: Lock the safety jaws in the safety teeth of the same level, adjust the spacing, fix the expansion screw (not installing the core), and after rough leveling, install the expansion screw core, and then perform fine leveling.
- Insert metallic sizing blocks under the platform to avoid the horizontal leveling of the lift on the uneven ground.



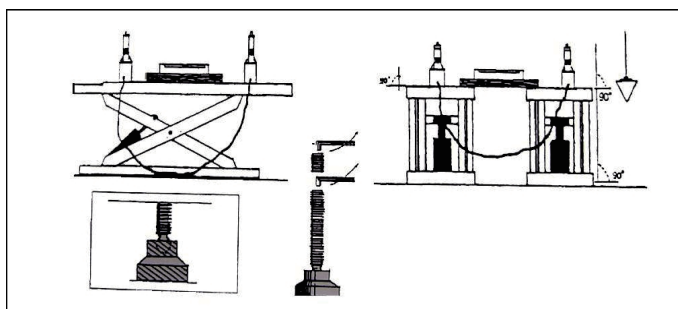
- Drive a $\Phi 18$ percussion bit to 160mm depth in the ground from the holes on the base plate with an electric hammer, and clean the hole.



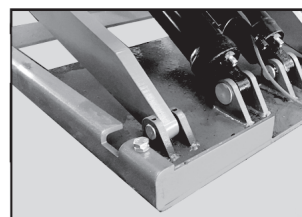
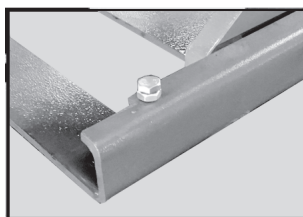
- Fix anchor bolts into the holes with a light hammer (without inserting the central expansion screws of the anchor bolts, which shall be fixed after the leveling is completed).



- Lift the platforms to the fifth or sixth teeth, then press the “Lock” button to fasten the safety jaws of the left and right platforms into the safety gear racks firmly.
- Inspect that the surfaces of the left and right platforms are level laterally and longitudinally with a transparent leveling pipe or level gauge.



- If the uneven platform is caused by the uneven foundation, adjust the adjusting bolts on the base plate of the main lift with a wrench.



- After the leveling, insert the central expansion screws of foundation bolts, and fix the expansion screws with a heavy hammer.
- Tighten the nuts of the foundation bolts.
- Loosen the tightening nut first.
- Adjust the length of the supporting screw rod to the proper position.
- Then tighten the nut.

Trial loading

- After verifying that all the above operations are normal, drive a vehicle onto the lift and carry out trial loading, and if the result is normal, the lift can be put into normal use.

MAINTENANCE

Maintenance

- Add oil at all shaft crossovers in the machine once a month.
 - Keep the safety gear rack clean.
 - Keep the upper and lower pulleys clean and lubricate them.
 - Change the hydraulic oil once a year.
 - Remove the waste in the tank.
 - The compressed air pressure used for pneumatic unlocking of the safety lock is 6~8kg/cm², which ensures the normal operation of the pneumatic solenoid valve.
-

Operation cautions

- Before working, please make sure there are no foreign objects around or under the machine.
 - During raising and lowering, no one should stand to the left or right of the lift, or stand on or below the lift. No one should sit in the vehicle on the lift.
 - Do not lift the vehicle that exceed the lifting capacity of the lift.
 - During raising and lowering, apply the parking brake of the vehicle and place the rubber pads.
 - During maintenance, "lock" the main and sub lifts in the safety teeth of the same level (press the "Lock" button).
 - Always observe if the lift platforms act synchronously during raising and lowering. Shut down the machine in time if any abnormality is found, and restart the machine only after inspection and troubleshooting.
 - If the DOWN button is pressed, the lift will be immediately lowered, then the safety jaw cylinder will be immediately opened due to the energized pneumatic solenoid valve, and the safety jaw will be immediately lifted. Therefore, during the lowering operation, be sure to raise the lift slightly so that the safety jaw and safety gear rack can be disengaged from each other, and then press the DOWN button to lower the lift.
 - If the machine has not been used for a long time, inspect it before use.
-

Electrical operation instructions

- UP: Press the "UP" button and the lift will rise immediately. At this point, the motor will start to run immediately, and the safety jaw cylinder will lift the safety jaw due to the energized pneumatic solenoid valve that opens the pneumatic circuit. When the UP button is released, the motor will stop running, the lift will immediately stop rising, and the safety jaw will fall on the safety gear rack due to the de energized pneumatic solenoid valve that closes the pneumatic circuit.

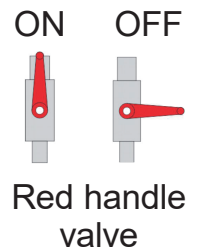
- DOWN: Press the DOWN button and the lift will be lowered immediately, and the safety jaw cylinder will lift the safety jaw due to the energized pneumatic solenoid valve that opens the pneumatic circuit.
- LOCK: Press the LOCK button and the lift will be lowered immediately, and the safety jaw cylinder will not lift the safety jaw because the pneumatic solenoid valve is not energized, and the lift will be locked by the safety gear rack to enhance the safety of the operation.

Oil-filling and leveling

Adjustment of small ultra-low scissor lift

⚠ Attention

- ▶ Ensure the motor turns in an anticlockwise direction.
- ▶ Ensure the connection to the oil cylinder is correct.
- ▶ Ensure the air lock is working.
- ▶ Ensure all red handle valves are turned off.



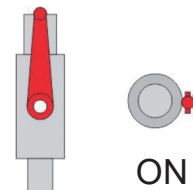
⚠ NOTE

- ▶ We suggest to use ISO-L-HM46(antifreeze type).
- ▶ If the temperature below -10°C , we suggest to use ISO-L-HM32(anti-freeze type).
- ▶ Two post lift —10L
- ▶ Ingrounded small scissor lift —14L
- ▶ Ongrounded small scissor lift—14L
- ▶ Ongrounded double level scissor lift—16L
- ▶ Ingrounded double level scissor lift —16L
- ▶ Replace the oil in the first year.
- ▶ Replace the oil ever two year except the first year.

- 1. Short connection J&E.



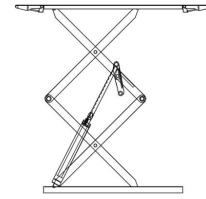
- 2. Turn on all the red handle valves(two valves).



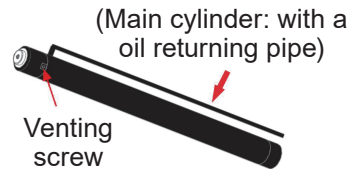
- 3. Press “Down” button to make the lift lower to the bottom.



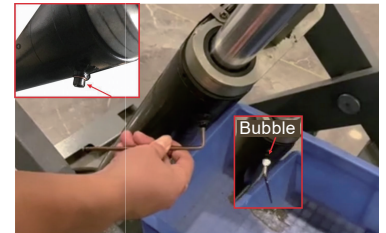
- 4. Press "Up" button to let all the lift to the toppest level (keep the red handle valve turning on).



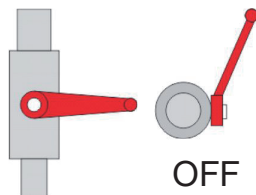
- 5. Loosen the screws at the top of the main cylinders. (Open both side cylinders at the same time.)



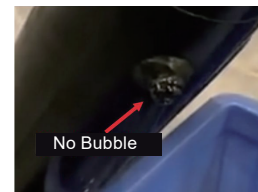
- 6. Press "UP" button to make more oil come out from the venting screw until only oil coming out form the cylinder instead of bubble.



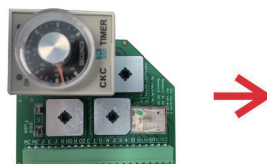
- 7. Turn off all the red handle valve.



- 8. Wait until no any bubble coming from the screws, tighten the screws.



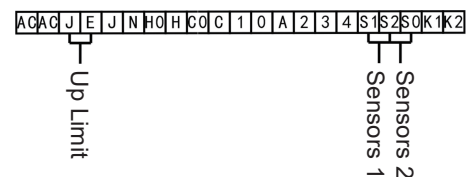
- 9. Connect the PCB according to the right picture.



Up Limit: J&E

Sensors1: S1&S2

Sensors2: S2&S0



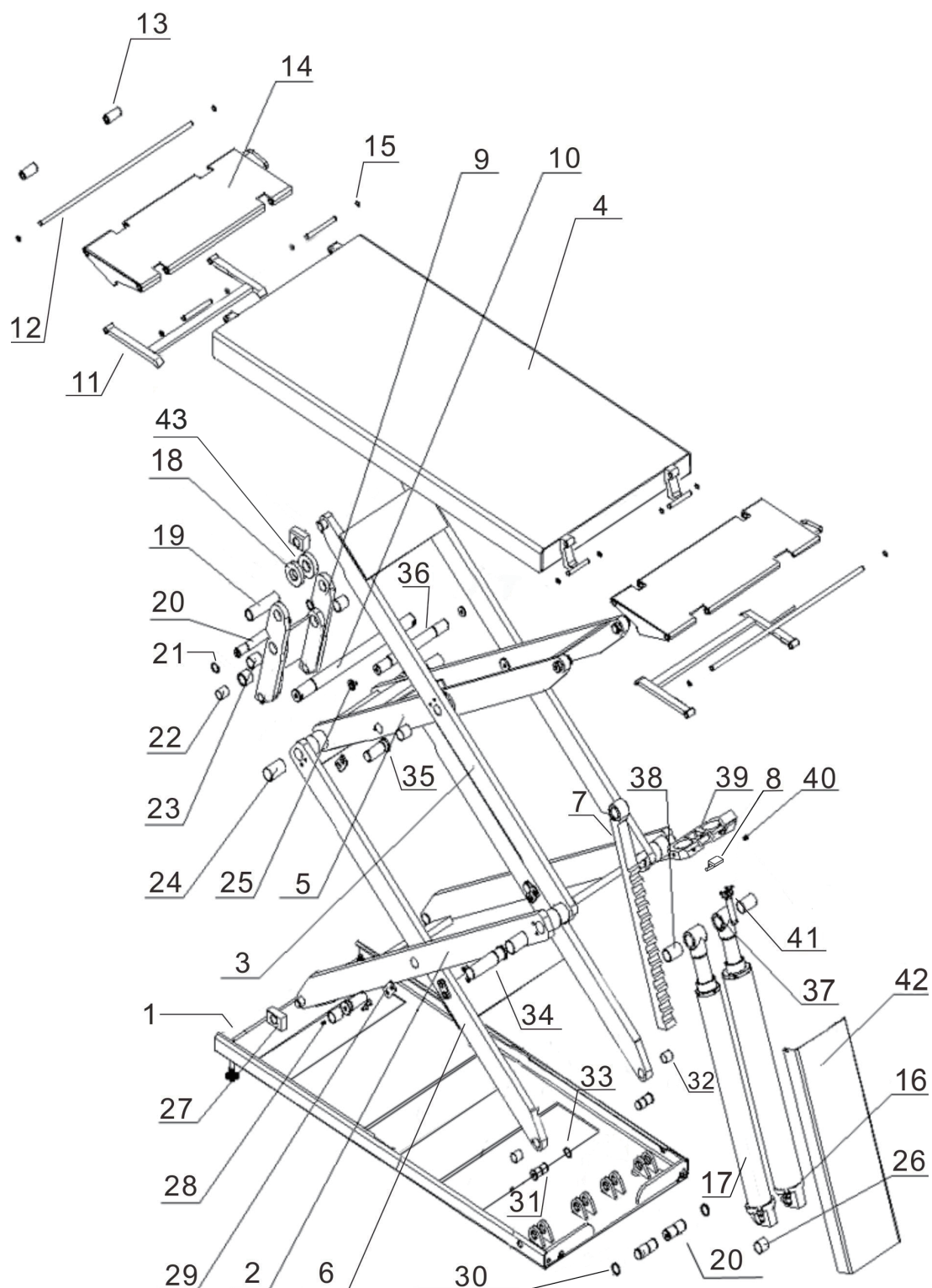
TROUBLESHOOTING AND SOLUTIONS

Fault phenomenon	Causes and symptoms	Troubleshooting
The motor does not rotate when the UP button is pressed.	The power supply is abnormal.	Perform inspection and troubleshooting, and connect the electric wires.
	The AC contactor of the pump motor main circuit does not pull in.	The motor will run if the contactor is pressed with an insulating rod forcibly. Inspect the control circuit, and replace the contactor if the voltage at the contactor coil terminal is normal.
	Phase loss.	Use a multimeter to check if the three phases are 380V. Note: A tester can not be used to check if the phase is lost.
	The button switch is faulty.	Inspect the button contracts and wires and perform troubleshooting.
The motor rotates but the platform does not rise when the UP button is pressed.	The motor rotates reversely.	Exchange the phase sequence of the incoming power wires.
	The platform ascends with light load but does not ascend with heavy load.	Increase the safe pressure setting of the relief valve by rightward rotating the valve slightly. If there is dirt in the valve core of the lowering solenoid valve, clean the valve core.
	The hydraulic oil is insufficient or the grade is incorrect.	Refill or change the hydraulic oil.
	The manual oil drain plug of the solenoid valve is not tightened.	Tighten the oil drain plug of the main lift or sub lift.
	The solenoid valve connector is blown.	Replace the solenoid valve connector of the main lift or the sub lift.
The lift does not descend when the DOWN button is pressed.	The safety jaw is not separated from the safety gear rack.	Extend the delay time of the time delay slightly.
	The safety jaw is not uplifted.	The air pressure is insufficient, the safety jaw gets stuck or the air pipe is broken. Adjust the pressure of the air compressor, inspect the air pipe and perform troubleshooting.

The lift does not descend when the DOWN button is pressed.	The pneumatic solenoid valve does not work.	If the pneumatic circuit is blocked for the energized pneumatic solenoid valve does not work, inspect or replace the pneumatic solenoid valve.
	The lowering solenoid valve does not work.	Inspect the connector and coil of the lowering solenoid valve and inspect whether the copper nut at the end of solenoid valve is rightward tightened.
	The explosion-proof valve is blocked.	Remove the “explosion-proof valve” from the oil inlet port at the cylinder bottom of main lift or sub lift cylinders, and clean explosion-proof valve.
The lift descends slowly with normal load.	The hydraulic oil is too viscous or frozen and deteriorated (in winter).	Change the hydraulic oil or increase the room temperature according to the instruction.
	The “explosion-proof valve” preventing the blowout of the oil pipe is blocked.	Remove or close the intake pipe to lock the safety jaw without lifting, remove the “explosion-proof valve” from the oil inlet port at the bottom of the oil cylinder and clean it.
The left and right platforms are out of sync and not at the same height.	The air in the oil cylinder is not bled completely.	Refer to the procedures for oil filling and leveling.
	The oil pipe or joint leaks oil.	Tighten the joint or replace the oil seal, and then fill oil and perform leveling.
	The “oil filling shutoff valve” can not be closed tightly, and therefore oil filling is required almost everyday.	Replace the oil filling shutoff valve, and then fill oil and perform leveling.
There is noise during raising and lowering.	Insufficient lubrication.	Apply oil at all hinges and moving parts (including piston rods) to lubricate them.
	The foundation or the machine is distorted.	Readjust the machine to make it level and fill (pad) the foundation.
The platform always rises when the Down button is pressed.	The time relay is loose or damaged.	Reinsert or replace the time relay.

- Troubleshooting must be conducted by trained and experienced technicians.

EXPLODED VIEWS



S/N	Name	S/N	Name
1	Baseplate	23	Auxiliary arm central bushing
2	Lower outerscissor arm	24	Scissor arm bushing
3	Upper outerscissor arm	25	Auxiliary arm central shaft circlip
4	Pane	26	Oil cylinder tail shaft
5	Upper innerscissor arm	27	Lower sliding block
6	Lower innerscissor arm	28	Lower scissor arm central shaft
7	Safety gear rack	29	Lower scissor arm central bushing
8	Safety jaw	30	Oil cylinder bottom shaft circlip
9	Auxiliary arm	31	Lowerscissor arm bottom shaft
10	Scissor arm connecting shaft	32	Lower scissor arm bottom bushing
11	Movable ramp knockout pin	33	Lowerscissor arm bottom shaft circlip
12	Movable ramp long shaft	34	Connecting shaft of upper and lower outerscissor arms
13	Movable ramp pulley	35	Upper scissor arm central shaft
14	Movable ramp	36	Auxiliary arm central shaft
15	Movable ramp shaft circlip	37	Slave cylinder
16	Master cylinder	38	T bushing
17	Slave cylinder	39	Oil cylinder fixing plate
18	Auxiliary arm upper pulley (thin)	40	Lock screw of oil cylinder fixing plate
19	Auxiliary arm upper shaft	41	Safety jaw cylinder
20	Oil cylinder bottom shaft	42	Oil cylinder cover plate
21	Auxiliary arm circlip	43	Auxiliary arm upper pulley (thick)
22	Auxiliary arm lower pulley		

MAINTENANCE SERVICE

Our products are made of long-lasting and durable materials, and we insist on perfect production process. Each product leaves the factory after 35 procedures and 12 times of testing and inspection work, which ensures that each product has excellent quality and performance.

Maintenance

To maintain the performance and appearance of the product, it is recommended that the following product care guidelines be read carefully:

- Be careful not to rub the product against rough surfaces or wear the product, especially the sheet metal housing.
- Please regularly check the product parts that need to be tightened and connected. If found loose, please tighten it in time to ensure the safe operation of the equipment. The external and internal parts of the equipment in contact with various chemical media should be frequently treated with anti-corrosion treatment such as rust removal and painting to improve the corrosion resistance of the equipment and extend its service life.
- Comply with the safe operating procedures and do not overload the equipment. The safety guards of the products are complete and reliable. Unsafe factors are to be eliminated in time. The circuit part should be checked thoroughly and the aging wires should be replaced in time.
- Adjust the clearance of various parts and replace worn (broken) parts. Avoid contact with corrosive liquids.
- When not in use, please store the product in a dry place. Do not store the product in hot, humid, or non-ventilated places.

WARRANTY

From the date of receipt, we provide a three-year warranty for the main unit and all the accessories included are covered by a one-year warranty.

Warranty access

- The repair or replacement of products is determined by the actual breakdown situation of product.
- It is guaranteed that AUTOOL will use brand new component, accessory or device in terms of repair or replacement.
- If the product fails within 90 days after the customer receives it, the buyer should provide both video and picture, and we will bear the shipping cost and provide the accessories for the customer to replace it free of charge. While the product is received for more than 90 days, the customer will bear the appropriate cost and we will provide the parts to the customer for replacement free of charge.

These conditions below shall not be in warranty range

- The product is not purchased through official or authorized channels.
- The product breakdown because the user does not follow product instructions to use or maintain the product.

We AUTOOL pride ourselves on superb design and excellent service. It would be our pleasure to provide you with any further support or services.

Disclaimer

- All information, illustrations, and specifications contained in this manual, AUTOOL reserves the right of modify this manual and the machine itself with no prior notice. The physical appearance and color may differ from what is shown in the manual, please refer to the actual product. Every effort has been made to make all descriptions in the book accurate, but inevitably there are still inaccuracies, if in doubt, please contact your dealer or AUTOOL after-service centre, we are not responsible for any consequences arising from misunderstandings.

RETURN & EXCHANGE SERVICE

Return & Exchange

- If you are an AUTOOL user and are not satisfied with the AUTOOL products purchased from the online authorized shopping platform and offline authorized dealers, you can return the products within seven days from the date of receipt; or you may exchange it for another product of the same value within 30 days from the date of delivery.
- Returned and exchanged products must be in fully saleable condition with documentation of the relevant bill of sale, all relevant accessories and original packaging.
- AUTOOL will inspect the returned items to ensure that they are in good condition and eligible. Any item that does not pass inspection will be returned to you and you will not receive a refund for the item.
- You can exchange the product through the customer service center or AUTOOL authorized distributors; the policy of return and exchange is to return the product from where it was purchased. If there are difficulties or problems with your return or exchange, please contact AUTOOL Customer Service.

China	400-032-0988
Oversea Zone	+86 0755 23304822
Email	aftersale@autooltech.com
Facebook	https://www.facebook.com/autool.vip
YouTube	https://www.youtube.com/c/autooltech

EU DECLARATION OF CONFORMITY

We as the manufacturer declare that the designated product:

Description: Vehicle Lift, Electric (Model ATL-3.6SU)

complies with the requirements of the:

CE Machinery Directive 2006/42/EC

RoHS Directive 2011/65/EU + 2015/863 + 2017/2102

Applied Standards:

EN 60204-1:2018, EN ISO 12100:2010

IEC 62321-3-1:2013, IEC 62321-5-2013, IEC 62321-5-2013, IEC 62321-4-2013+A1:2017,

IEC 62321-7-2:2017, IEC 62321-7-1:2015, IEC 62321-6:2015, IEC 62321-8:2017

Certificate No.: ICR/VC/HS2601136(ATL-3.6SU), HS202601232165, HS202601232163

Test Report No.: HS202601232165-1ER, HS202601232163-1ER



Manufacturer	Shenzhen AUTOOL Technology Co, Ltd.
	Floor 2, Workshop 2, Hezhou Anle Industrial Park, Hezhou Community, Hangcheng Street, Bao'an District, Shenzhen Email: aftersale@autooltech.com
EC REP	Company: XDH Tech
	Address: 37 passage du Ponceau Bureau 270, Paris, France Email: xdh.tech@outlook.com Contact Person: MUHAMMAD HAFEEZ ARSHAD
UK REP	Company: GSG CONSULTING GROUP LIMITED
	Address: Montague houses unit 3 Matthew street, Manchester Email: GSG--GROUP@outlook.com



AUTOTOL TECHNOLOGY CO.,LTD

-  www.autooltech.com
-  aftersale@autooltech.com
-  +86-755-2330 4822 / +86-400 032 0988
-  Unit 1303, Building 1, Runzhi R&D Center,
Bao'an, Shenzhen, China

