

OPERATION MANUAL

CSL-4000-XXD

Hammer Tools

Schnydersäcker 453, 8262 Ramsen | info@hammer-tools.ch | 052 345 00 00

Contact and document notes

Hammer Tools
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Model: CSL-4000-XXD
This edition includes all content, illustrations, diagrams and parts lists from the 40-page source. Technical part numbers and standards references are retained for precise identification. Legends clarify labels retained within original drawings.

Page numbering follows the 40 PDF pages of the source. Previously blank pages contain document information, legends and space for notes. Original illustrations form part of this manual.

Special instructions



• The purchaser must claim any damage occurring during packing or transport against the carrier.
• Safety was considered during design and manufacture. Appropriate training and careful operation nevertheless improve safety. Do not operate or repair the equipment without reading this manual.
• Check the supply and current requirements marked on the motor. A qualified professional electrician must make the electrical connection.
• The equipment may not be modified without prior notification. No responsibility is accepted for updating products already sold.
• Read the manual carefully and deliver it to the dealer and our company for documentation. Otherwise, this will be regarded as an automatic waiver of the corresponding service, and the user must bear the consequences.
• Do not use the equipment to raise any load exceeding its rated lifting capacity of 4.0 tonnes.
• Carefully read the warning markings on the equipment.

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Legends for original drawings

Hydraulic schematic (page 18)
1 - Cylinder
2 - Slave cylinder
3 - Lowering valve
4 - Lowering control valve
5 - Safety valve
6 - Pump
7 - Double-seal solenoid valve
8 - Oil suction/return valve
9 - Shut-off valve
10 - Lowering control valve
Power Unit - Hydraulic power unit
Oil return pipe - Oil return pipe
Connection identifiers PT1, PT2, P1 and P2 and the tank label 7LT. are retained exactly as shown.

Electrical schematic (page 19)
UP - Raise; DOWN1 / DOWN2 - Lower 1 / Lower 2.
All component, terminal and wire identifiers are unchanged.

Control and connection photographs (page 20)
Leveling Button - Levelling button.
Top Limit Switch - Upper limit switch.
Lower Limit Switch - Lower limit switch.
ON / OFF - On / Off.

Foundation drawing (page 15)
Specify the oil-pipe passage dimensions according to the actual pipe position. An oil-pipe cover or Ø 60 PVC pipe may be fitted. Concrete depth: at least 190 mm.

Parts identification
SF-1 with «带翻边» or «with edge» identifies the flanged version. «各 2» means 2 each. All standards, dimensions and order numbers are retained.

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Contents

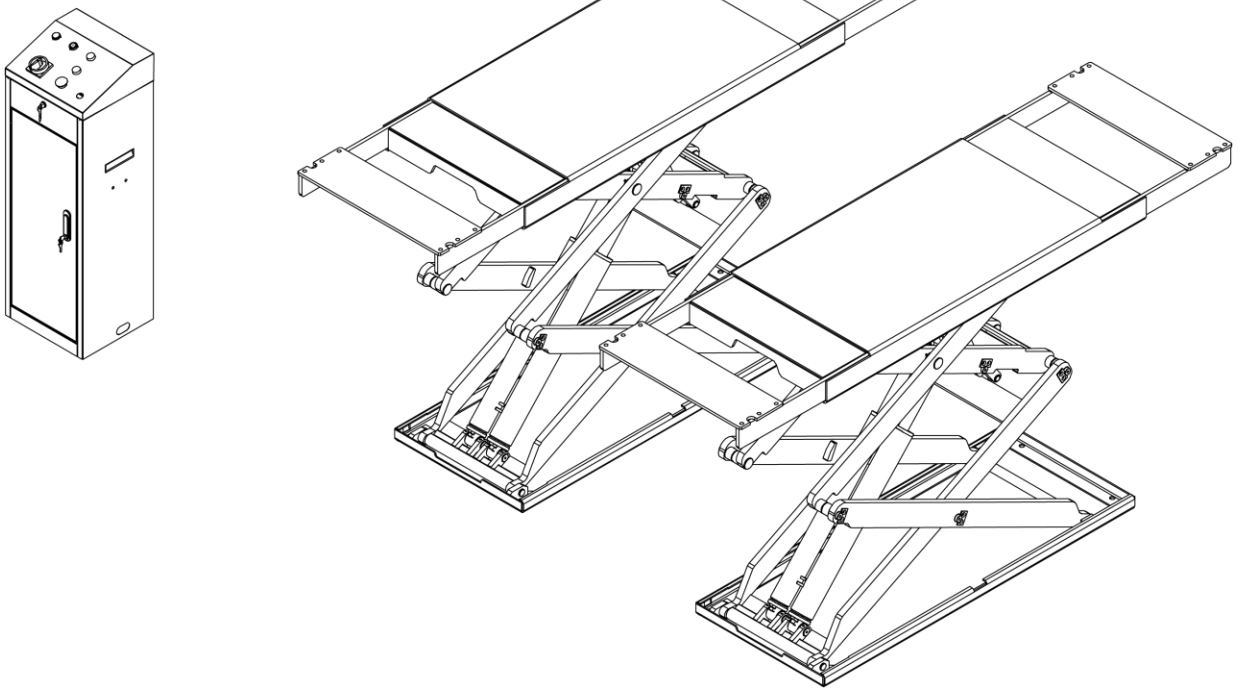
I. General introduction - page 6
II. Maintenance and inspection - pages 7-8
III. Operating instructions - pages 9-10
IV. Basic specifications and layout - pages 11-13
V. Installation and adjustment - pages 13-21
VI. Troubleshooting - pages 22-24
VII. Exploded views and parts lists - pages 24-39

Contact and document notes - page 2
Drawing legends - page 4
Notes - page 40

I. General introduction: CSL-4000-XXD scissor lift

The CSL-4000-XXD scissor lift is a new product introduced by our company. It uses advanced electrohydraulic control technology. It is easy to operate and suitable for most maintenance and cleaning work on imported vehicles, trucks and minivans weighing no more than 4 tonnes. Main features:

• Surface-mounted and in-ground installation.
• High-position cylinder protection and low-position protection, with limit switches providing control feedback.
• 24 V control voltage (safe voltage).
• Safe and reliable electrohydraulic control. The integrated control panel is easy to maintain, and all operations use push buttons.
• High-quality self-lubricating bearings provide reliable operation and a long service life.



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II. Maintenance and inspection of the scissor lift

Daily maintenance and inspection
1. Check the safety lock audibly and visually during operation.
2. Check that the safety latches move freely and fully engage the rack.
3. Check hydraulic connections and hoses for leaks.
4. Check bolts, nuts and screws and tighten them if necessary, including hydraulic components.
5. Check wiring and switches for damage.
6. Ensure that the incoming supply has a safe protective earth conductor. Check that the lift’s earth connection is tight and reliable.
7. Check that the sensor works as required.
8. Keep the base plate free of dirt, grease and other corrosive substances.
9. Check the floor for stress cracks near the anchor bolts.
10. Every part of the lift must be securely fastened; no part may become loose or fall off.

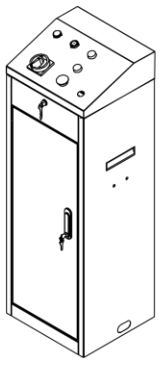
Weekly maintenance and inspection
1. Check for loose anchor bolts and retighten as necessary. Do not use an impact wrench.
2. Check the floor for stress cracks near the anchor bolts.
3. Check the hydraulic oil level.
4. Check and tighten bolts, nuts and screws, including hydraulic components.

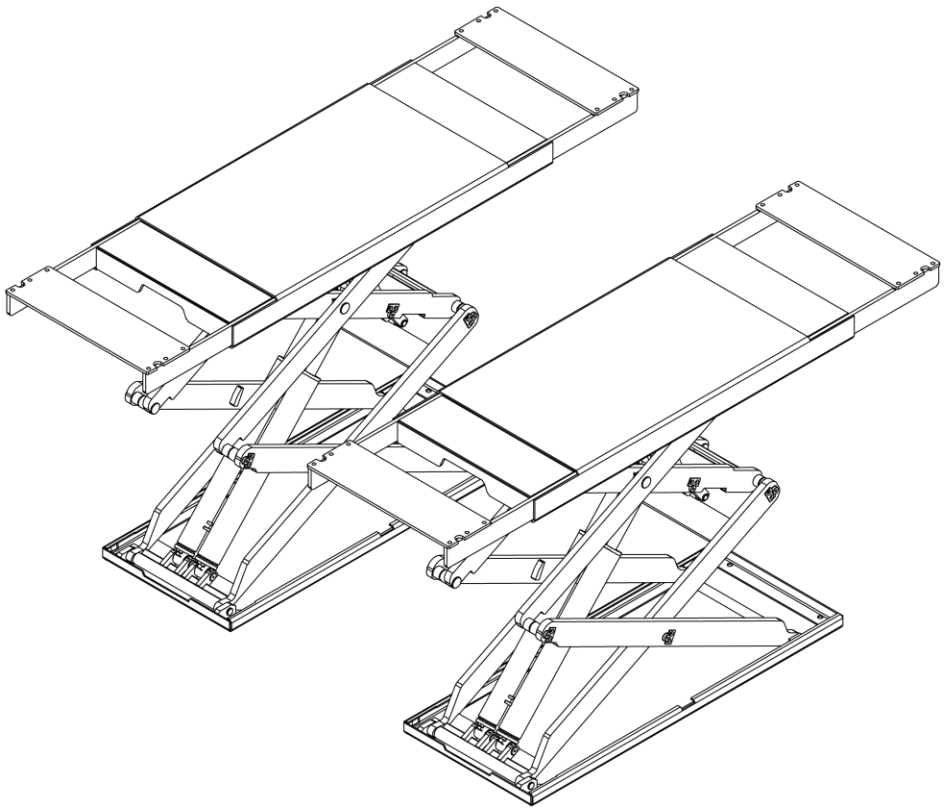
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Yearly maintenance and inspection
1. Grease the areas where the sliding blocks run.
2. Change the hydraulic oil.

Recommendations and points requiring attention
1. Use a torque wrench when fitting connectors to the power-unit ports. Tighten to 24-28 Nm to avoid damaging the valve guide.
2. Use high-quality hydraulic oil in its original packaging and change it regularly. Dirty or recycled hydraulic oil is prohibited.
3. Lubricate all moving parts to improve lift performance effectively.

Note: any item without a model reference applies to maintenance and inspection of all lift models.





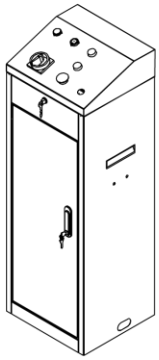
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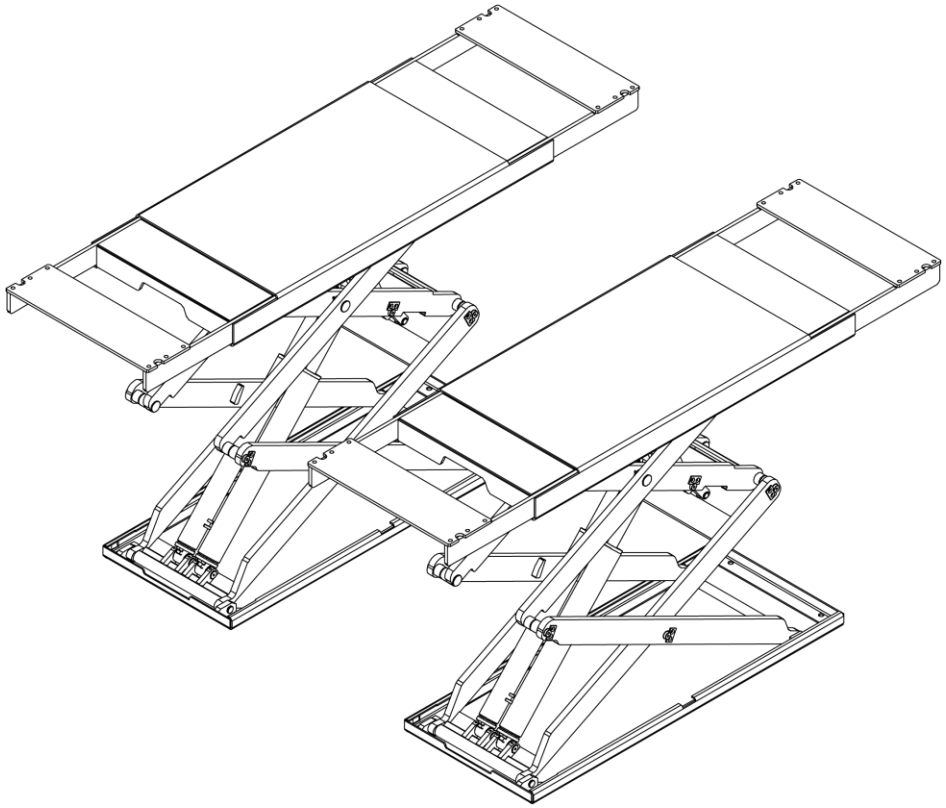
III. Operating instructions

1. Inspect the lift daily. Never operate it if it malfunctions or has broken or damaged parts. Use qualified lift service personnel and genuine replacement parts for repairs.
2. Thoroughly train all employees in the use and care of the lift using the manufacturer's instructions supplied with it.
3. Never allow unauthorized or untrained people to position a vehicle or operate the lift.
4. Keep unauthorized people out of the workshop area while the lift is in use.
5. Do not allow anyone on the lift or inside the vehicle while it is being raised or lowered.
6. Always keep the area around the lift free of tools, debris, grease and oil.
7. Never overload the lift. The capacity of the CSL-4000-XXD is 4000 kg.
8. Do not stand in front of the lift or vehicle while the vehicle is being positioned in the lift bay.
9. Before driving a vehicle into the bay, ensure the lift is fully lowered.
10. Position the vehicle carefully on the lift. Check for secure contact with the vehicle. Raise it to the required working height.
11. Do not go under the vehicle unless the safety locking latches are engaged.
12. Do not hold open or override self-closing lift controls. They are designed to return to the off or neutral position when released.
13. Stay clear of the lift while raising or lowering the vehicle.
14. Always lower the lift completely and disconnect the power supply before disconnecting hydraulic lines.
15. Avoid excessive rocking of a vehicle on the lift.
16. Clear the area if the vehicle is in danger of falling.
17. Lower the lift completely before removing the vehicle from the lift area.

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18. Release the safety locking latches before attempting to lower the lift.
19. If the lift stops automatically while moving, check the photoelectric switch. Do not operate the lift until the switch has returned to its normal condition.
20. The normal operating temperature range is 7 °C (45 °F) to 38 °C (100 °F).





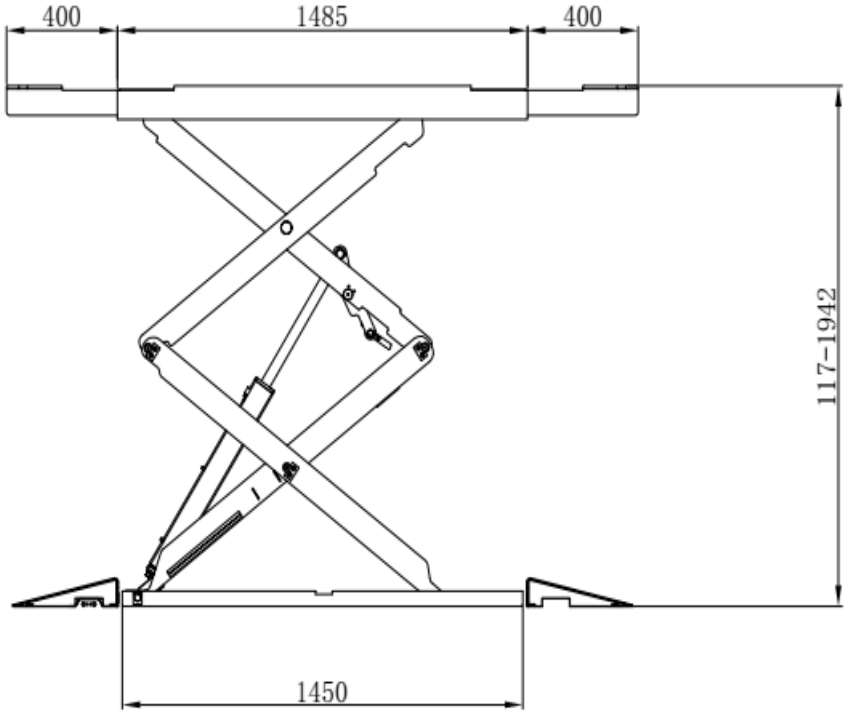
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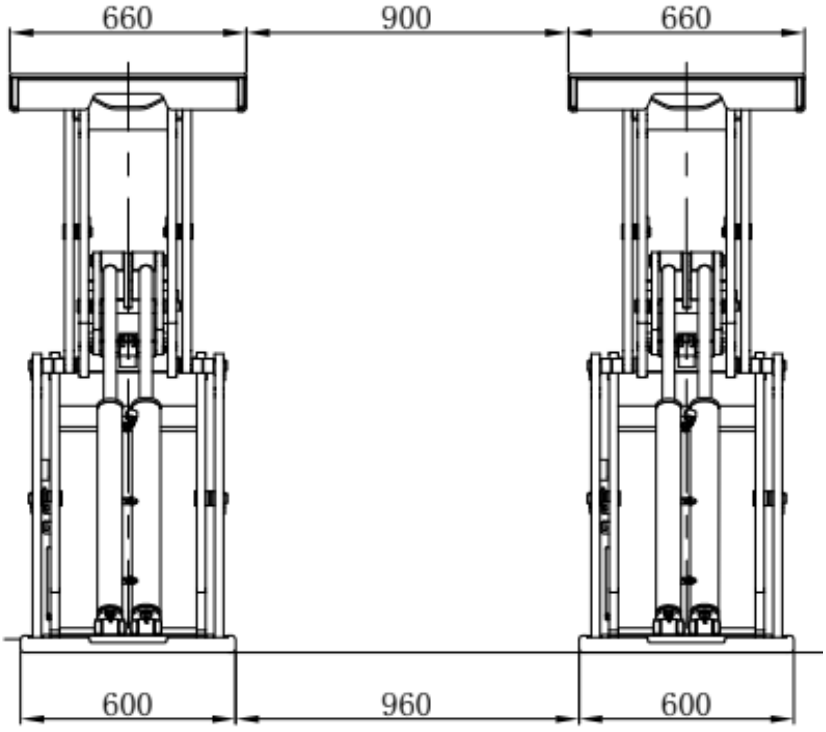
IV. Basic specifications and layout

1. Basic specifications

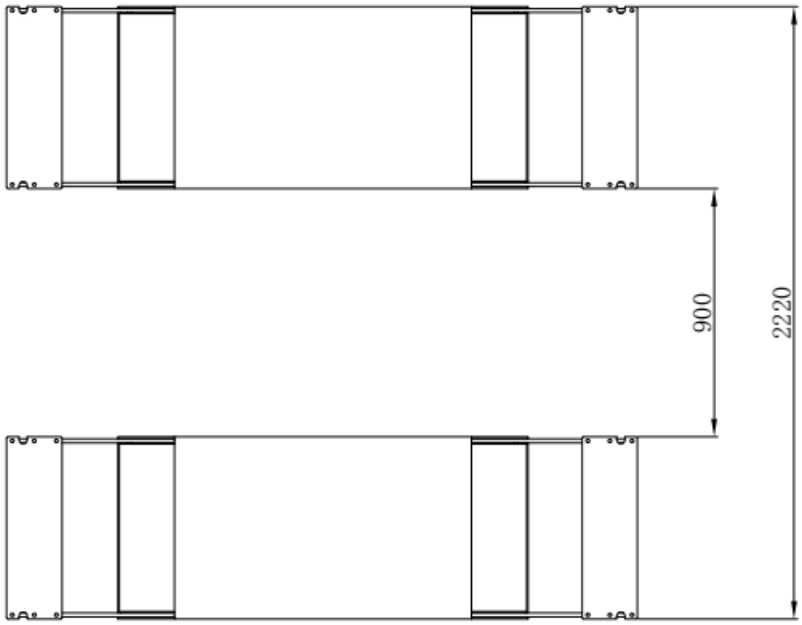
No.	Specification	Value
1	Capacity	4000 kg
2	Stroke	1942 mm
3	Lowered height	117 mm
4	Platform length	1485 mm
5	Overall length	1885 mm-2285 mm
6	Platform width	660 mm
7	Overall width (max.)	2160 mm
8	Motor power	2.2 kW
9	Electrical connection (3 phase)	400 V/50 Hz
10	Raising time	≤60 s
11	Lowering time	≤60 s

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V. Installation and adjustment

(1) Preparation before installation
1. Installation environment
Install the equipment indoors, free from dust and other pollution, with adequate lighting. Place the control cabinet in a safe area.

2. Foundation preparation
Prepare the foundation according to the foundation drawing. It is essential that the foundation is level; do not rely excessively on levelling the equipment. Concrete thickness and strength are equally important: 190 mm thick and at least strength class C20. Install the equipment only after one week of concrete curing. The level difference between the two pits must not exceed 5 mm.

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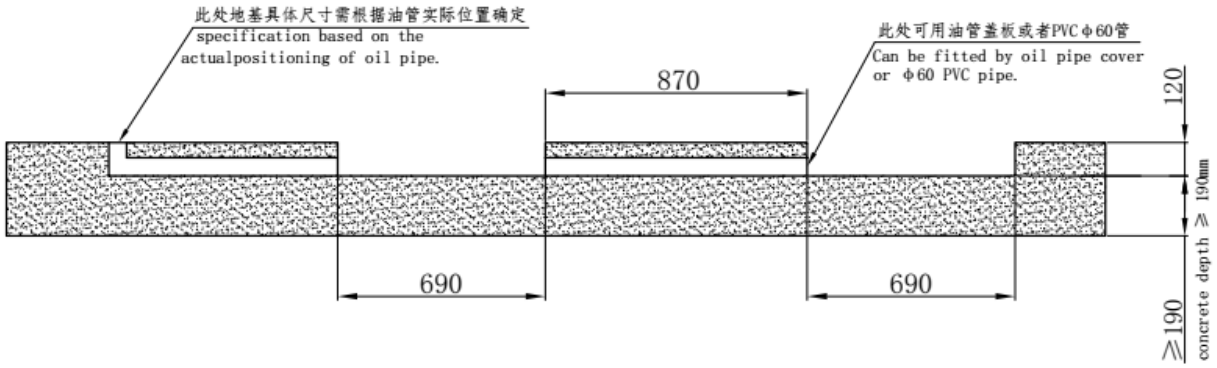
(2) Transport to the installation location

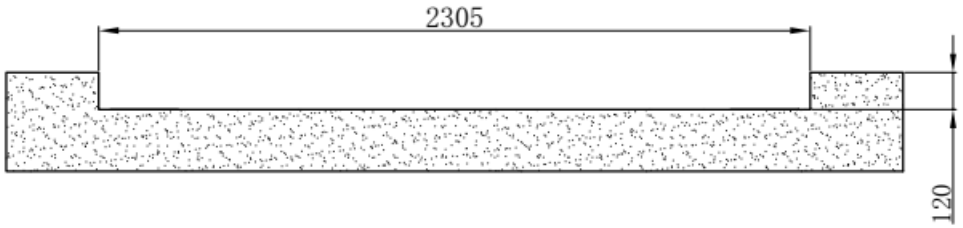
1. Transport using a forklift or crane. When using a crane, ensure the machine does not sway excessively.

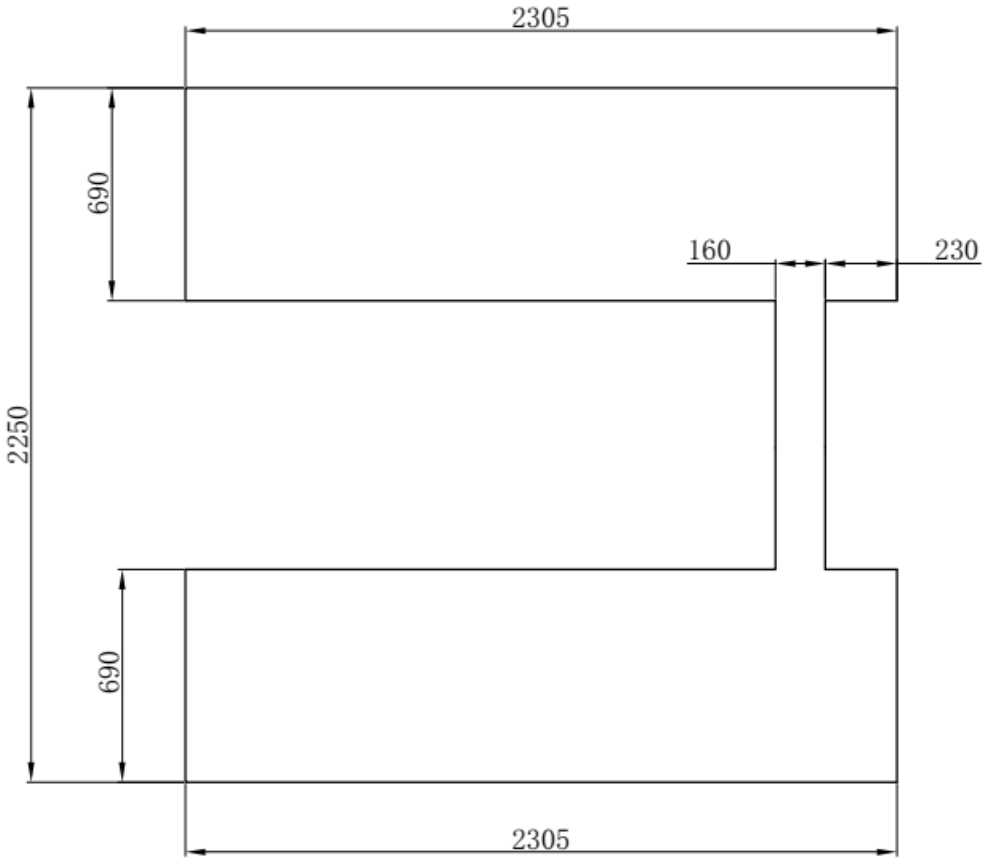


2. Open the packages and check for missing parts or transport damage.
3. Measure the lift’s lower frame and transfer the measurements to the installation site.
4. Position the lift at the site with the turning-radius gauges at the front in the vehicle entry direction, and the platform side with the sliding groove facing the inside of the lift.
5. Position the control cabinet so the operator has a clear view of the load and lift, with escape routes available if danger arises.

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Foundation drawing legend
Dimensions at this location depend on the actual position of the oil pipe. An oil-pipe cover or Ø 60 PVC pipe may be fitted. Concrete depth: at least 190 mm. All dimensions shown in the drawing are retained.

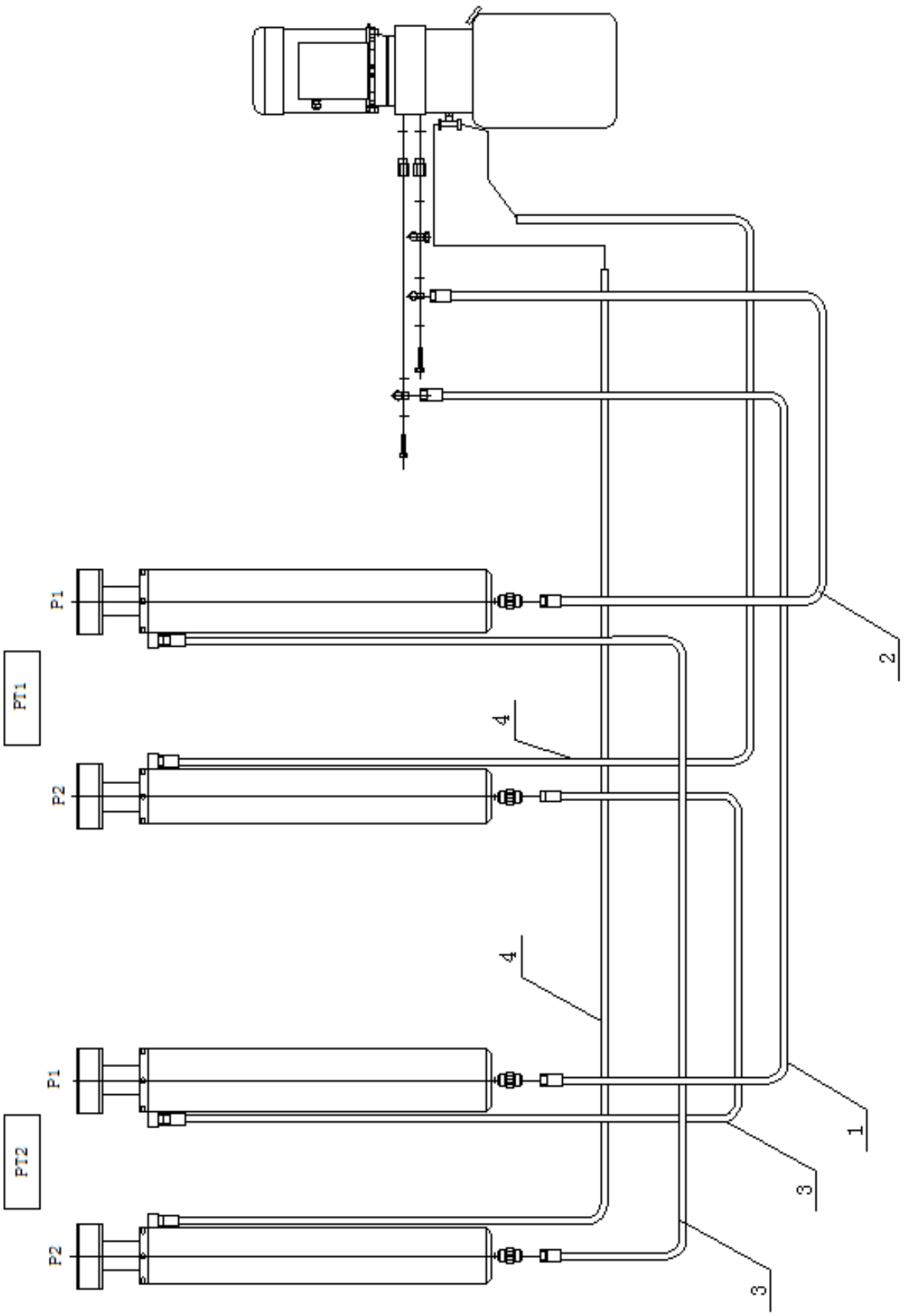
(3) Hydraulic circuit installation

1. Raise the lift with a crane or suitable tools to a height allowing installers to work in the pits. Ensure the safety locking latches are engaged and secure the lift with wooden blocks or other suitable means.

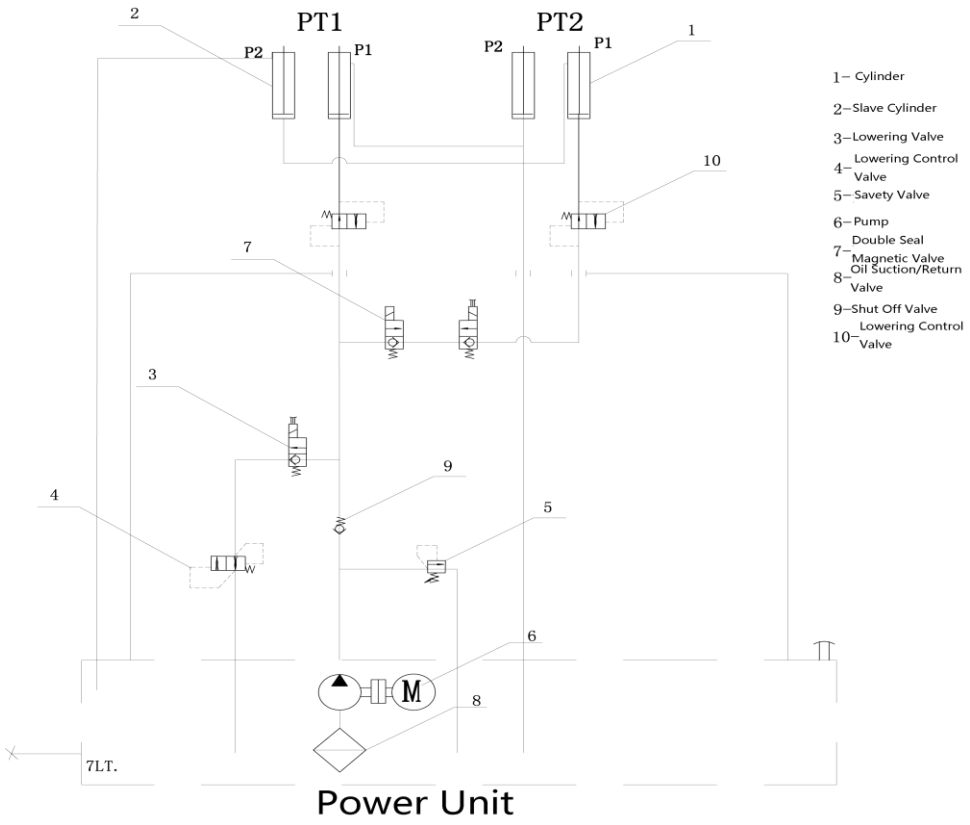


2. Connect the remaining hydraulic hoses and fittings according to the hydraulic installation diagram and schematic. Protect the hoses and fittings during connection to prevent sand, soil or other foreign matter from entering the circuit.
3. Fill the tank with 20 L of HM32 or HM46 anti-wear hydraulic oil, supplied by the user. The oil level must be at least 10 mm and no more than 30 mm below the top of the tank. Check it with the dipstick on the breather cap at the filler opening. If the oil is insufficient during commissioning or use, top up as needed.

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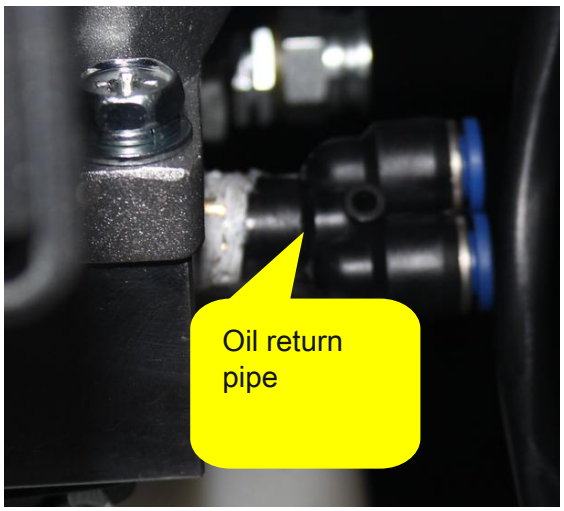


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Power Unit



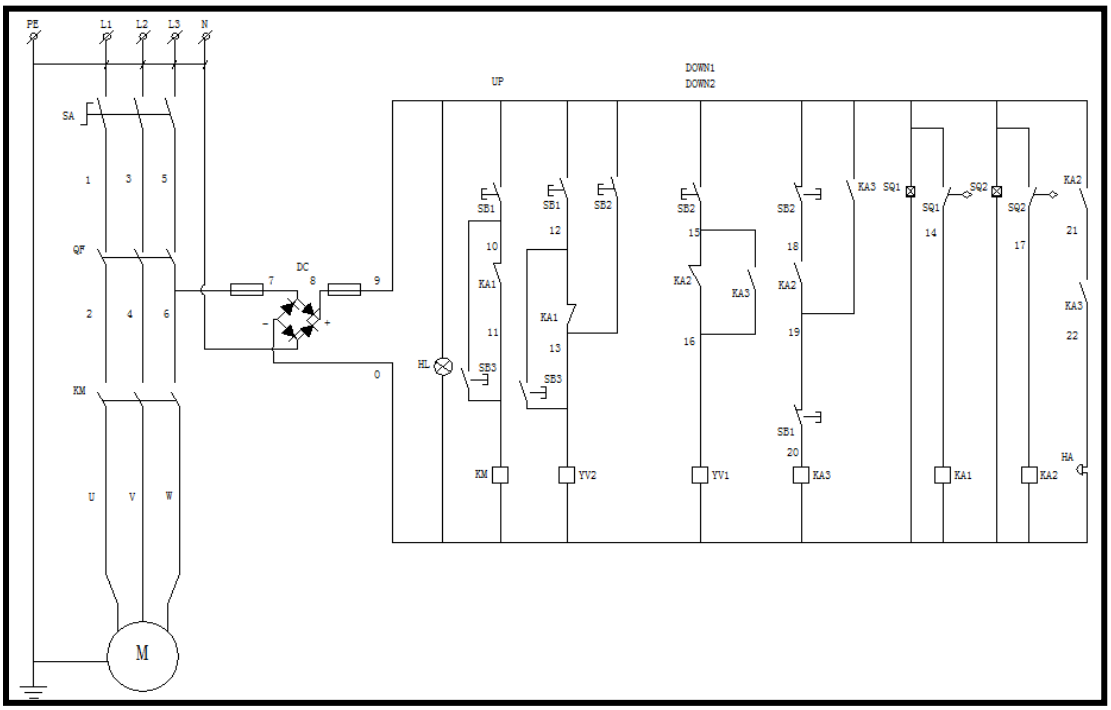


(4) Electrical installation

1. Connect the incoming supply according to the electrical schematic: the three black wires are phases, light blue is neutral and yellow-green is earth. The control cabinet must be reliably earthed.
2. Check the corresponding wire numbers against the schematic. Connect the two-core plug connections of the upper and lower limit switches (continued on the next page).

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Continuation of item 2: set the upper and lower limit switches to the open state so they do not operate during refilling and levelling.
Requirements:
1. High voltage: only trained professional electricians may work on the electrical system.
2. Route and connect the wiring properly.
3. Install a sealed, reliable distribution box.
4. Check the motor data plate for the correct power supply.



Refilling and levelling the platforms
1. Turn the switch on the control-cabinet cover to ON.

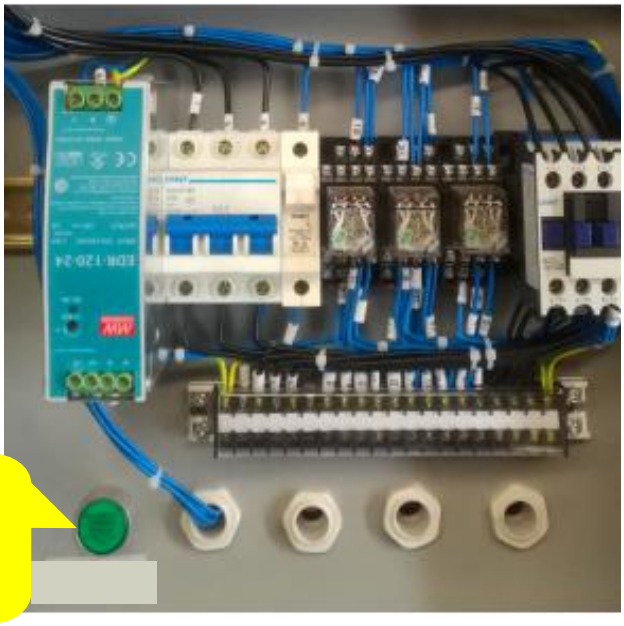


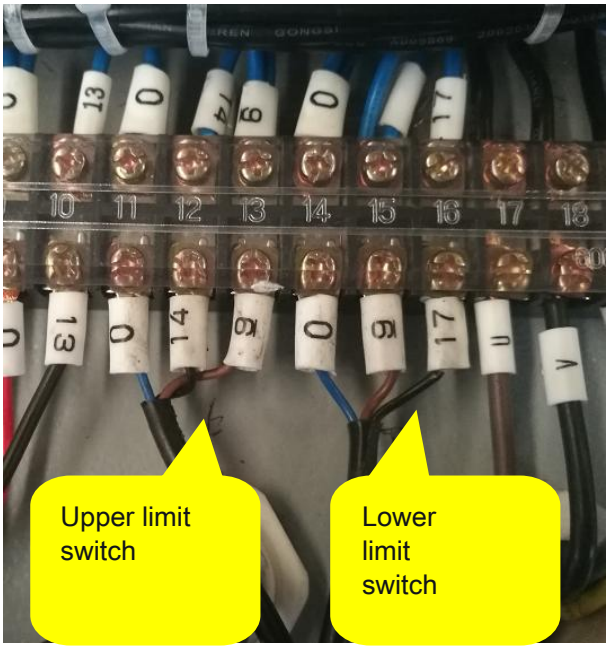
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2. Level the platforms before connecting the limit-switch wires.
Bleeding: hold the raise button until no more air is discharged from the cylinders (observe the air-return pipe).



3. Level the platforms if they become uneven during operation.
Bleeding: hold the levelling button inside the cabinet until no more air is discharged from the cylinders.





Upper limit switch: 0 (blue) / 14 (black) / 9 (brown)
Lower limit switch: 0 (blue) / 9 (brown) / 17 (black)

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Patented mechanism: lowering synchronization locking system.

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VI. Troubleshooting

Trouble	Cause	Remedy
Electric motor does not run.	1. Blown fuses or faulty overcurrent protection. 2. Incorrect voltage at the motor. 3. Electrical wires disconnected. 4. Faulty motor contactor. 5. Blown 24 V supply fuse. 6. Faulty transformer. 7. Motor thermal switch activated by overheating.	1. Replace blown fuses or reset the overcurrent protection. 2. Supply the correct motor voltage. 3. Repair and insulate all connections. 4. Check the contactor coil and ensure it operates when supplied with 24 V. 5. Check the transformer fuse and replace it if necessary. 6. Check the transformer output voltage (24 V). 7. Wait 10 minutes and try again, then use a tester to confirm that the contact has closed again.
Motor runs but the lift does not rise.	1. Motor rotates in reverse. 2. Load too heavy. 3. Low oil level. 4. Main hydraulic circuit interrupted. 5. Oil filter clogged. 6. Faulty hydraulic pump. 7. Faulty relief valve. 8. Dirty lowering-solenoid valve disc.	1. Swap phases and ensure rotation follows the arrow. 2. Check vehicle weight and lift capacity. 3. Fill the tank with hydraulic oil. 4. Check and retighten. 5. Check and clean. 6. Repair or replace the hydraulic pump. 7. Adjust and replace the relief valve. 8. Check the solenoid valve and clean its disc.

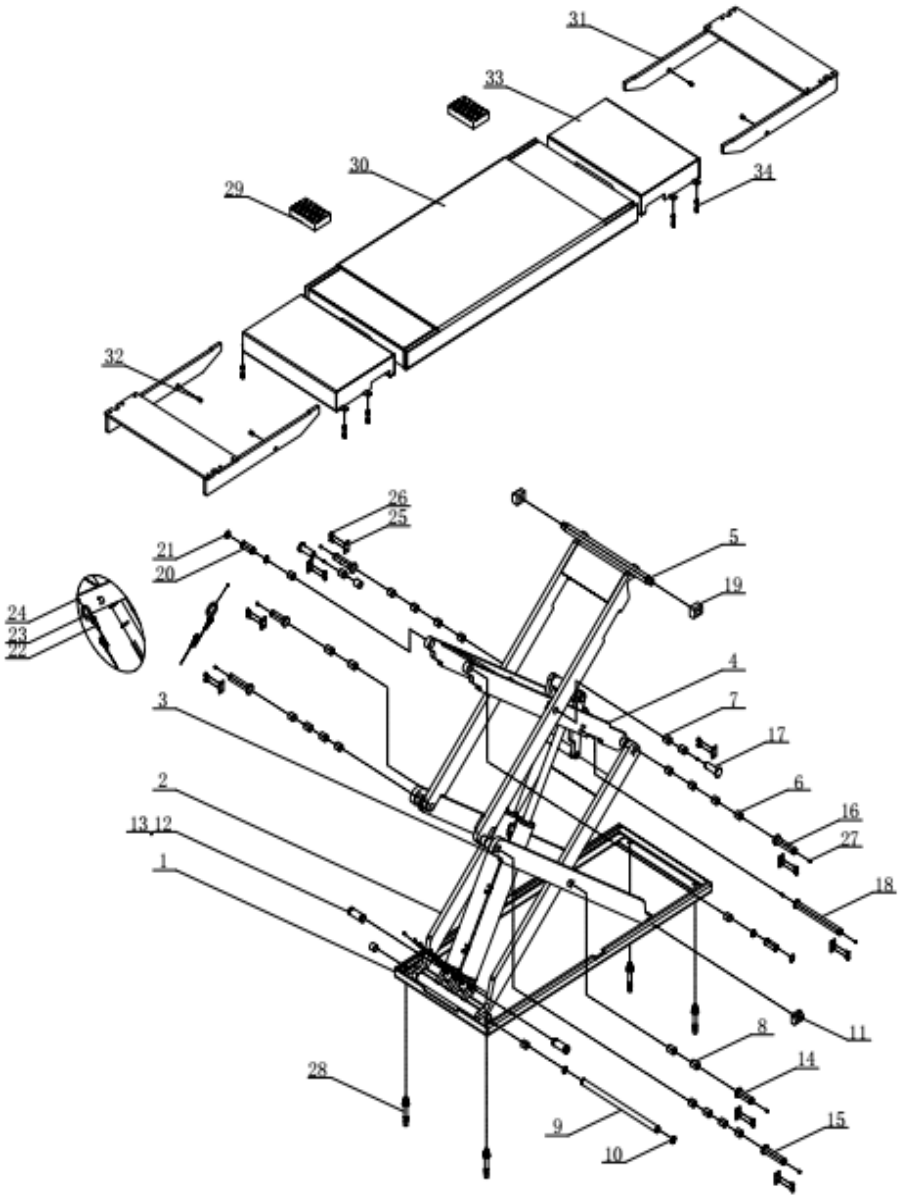
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	9. Emergency-lowering throttle valve open.	9. Check and tighten the screw.
Motor makes noise but does not run.	1. Phase loss in the three-phase supply.	1. Stop the motor immediately and check the main circuit for phase loss.
Lift rises too slowly.	1. Damaged hydraulic-pump seal causes oil leakage.	1. Repair or replace the hydraulic pump.
Lift vibrates during operation.	1. Air in the hydraulic circuit. 2. Dirty oil filter. 3. Air leak in the upper section of the hydraulic-pump suction pipe.	1. Bleed the circuit repeatedly according to the manual. 2. Check and clean the oil filter. 3. Check and replace.
Down button pressed, but lift does not lower.	1. Obstacles block lowering. 2. Poor contact inside the button. 3. Abnormal input voltage. 4. Blown 24 V supply fuse. 5. Faulty transformer. 6. Lowering-solenoid coil faulty or not receiving current. 7. Damaged or faulty lowering solenoid valve.	1. Remove obstacles. 2. Check and replace the button. 3. Restore normal input voltage. 4. Eliminate the short-circuit cause, then check and replace the fuse. 5. Check transformer output (24 V). 6. Check that current reaches the coil. 7. Unscrew the valve from the hydraulic block and ensure it moves freely when the solenoid is supplied with 24 V.

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	8. Air pressure insufficient to release the safety locks.	8. Adjust compressor air pressure.
Lift does not rise synchronously.	1. Refilling valve open. 2. Leak in the hydraulic circuit.	1. Bleed, readjust the balance and tighten the refilling valve. 2. Eliminate the hydraulic-circuit leak.

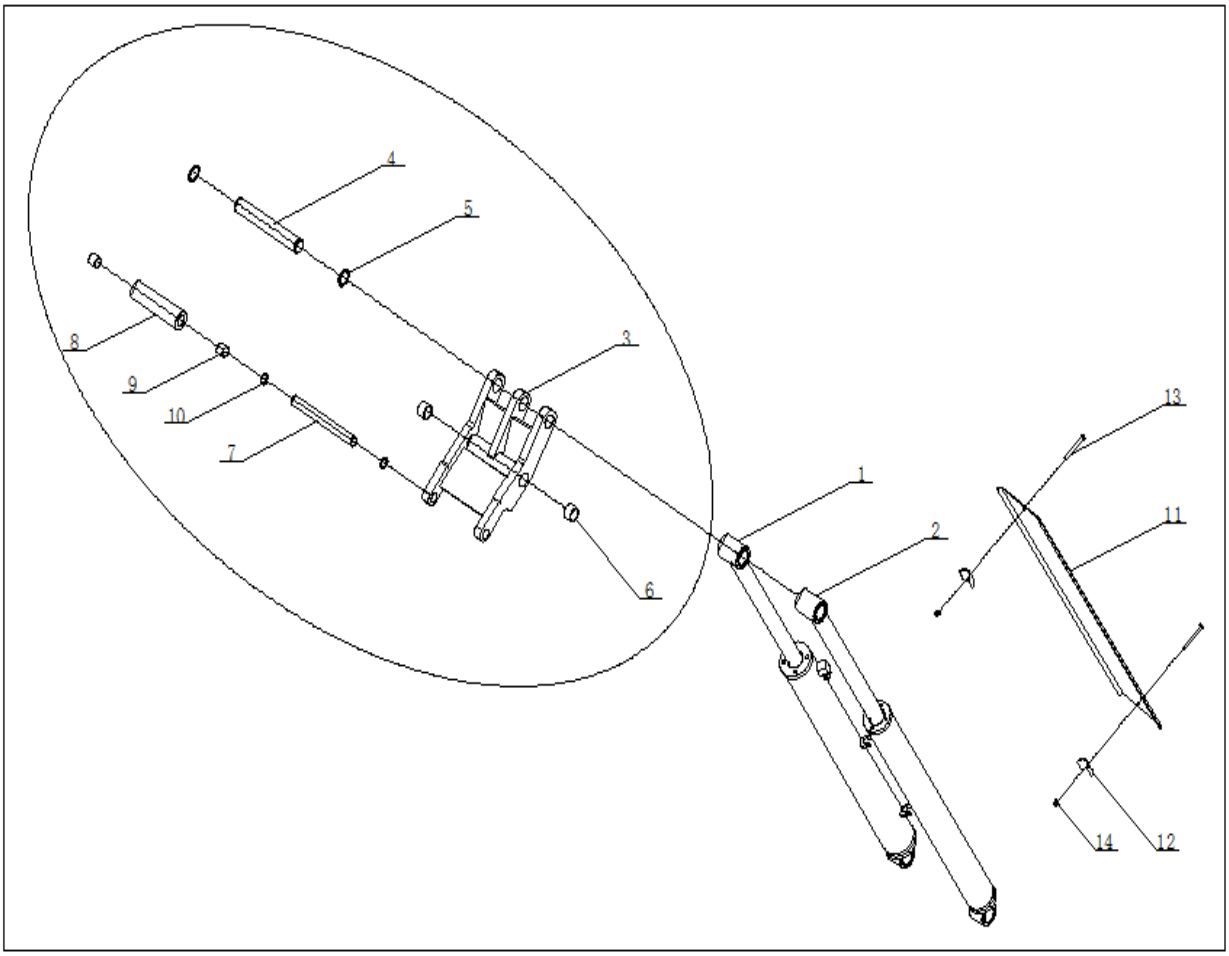
VII. Exploded views and parts lists



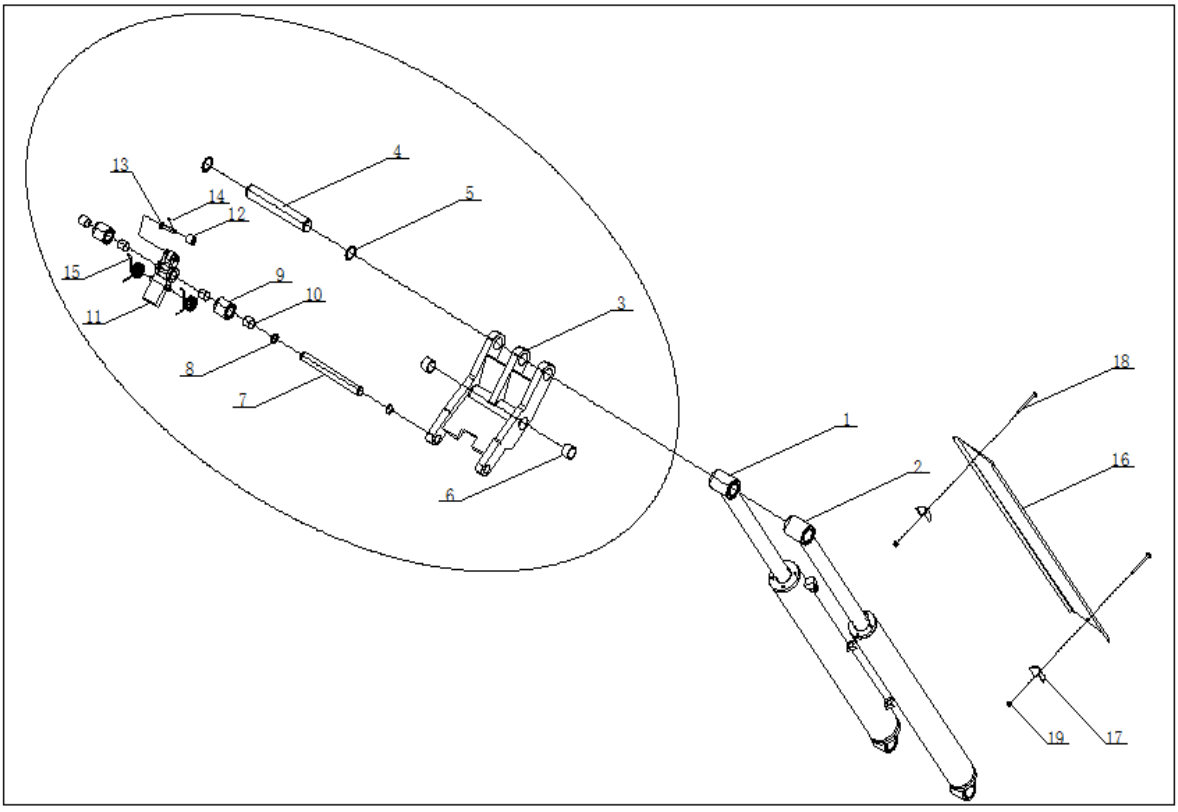
1	HXL6435YM-50-01-00	HXL6435YM1001	base frame	
				2
2	HXL6435YM-22-01-00	HXL6435YM1002	internal and lower scissor frame	
				2
3	HXL6435YM-23-01-00	HXL6435YM1003	external and lower scissor frame	
				2
4	HXL6435YM（T）-20-01-00	HXL6435YM1004	external and upper scissor frame	
				2
5	HXL6435YM-21-01-00	HXL6435YM1005	internal and upper scissor frame	
				2
6	GB/T 12613-1990	HXL6435YM1006	axle sleeve P28x25x25	
				32
7	GB/T 12613-1990	HXL6435YM1007	axle sleeve P28x25x30	
				16
8	GB/T 12613-1990	HXL6435YM1008	axle sleeve P28x25x35	
				8
9	HXL6435YM-00-13	HXL6435YM1009	coupling shaft	
				2
10	GB/T 894.1	HXL6435YM1010	shield ring 25	
				4
11	HXL6435YM-00-12	HXL6435YM1011	sliding block	
				4
12	HXL6435YM-00-14	HXL6435YM1012	fixed shaft of cylinder	
				4
13	GB/T 78-2000	HXL6435YM1013	screw M8*12	
				8
14	HXL6435YM-00-11	HXL6435YM1014	connecting shaft	
				4
15	HXL6435YM-00-04	HXL6435YM1015	connecting shaft	
				4
16	HXL6435YM-00-05	HXL6435YM1016	connecting shaft	
				4
17	HXL6435YM-00-03	HXL6435YM1017	connecting shaft	
				4
18	HXL6435YM-00-06	HXL6435YM1018	connecting shaft	
				2
19	HXL6435YM-00-02	HXL6435YM1019	sliding block of platform	
				4
20	QWJ635-000-02	HXL6435YM1020	short axle	
				4
21	GB/T 894.1	HXL6435YM1021	shield ring 25	
				8
22	DW-AD-623-M12-269	HXL6435YM1022	photoelectric switch sensor	
				2
23	HXL6435YM-00-15	HXL6435YM1023	induction block	
				1
24	GB/T 78-2000	HXL6435YM1024	screw M5*8	
				1

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25	HXL6435YM-00-16	HXL6435YM1025	shaft unlocking washer	
				18
26	GB/T 70.3	HXL6435YM1026	screw M8*16	
				36
27	GB1155 JB/T7940.4	HXL6435YM1027	oil cup	
				20
28	HXL6435YMB-10-01-00	HXL6435YM1028	platform	
				2
29	HXL6435YMB-11-01-00	HXL6435YM1029	run on ramp	
				4
30	HXL6435YMB-11-04-00	HXL6435YM1030	ramp supporting	
				4
31	HXL6435YMB-11-03	HXL6435YM1031	long support shaft	
				8
32	GB/T 894.1-1986	HXL6435YM1032	shield ring 20	
				16
33	HXL6435YM-11-02	HXL6435YM1033	roller	
				8
34		HXL6435YM1034	handle	
				4
35		HXL6435YM1035	expansion bolt M16*140	
				8
36		HXL6435YM1036	rubber pad	
				4



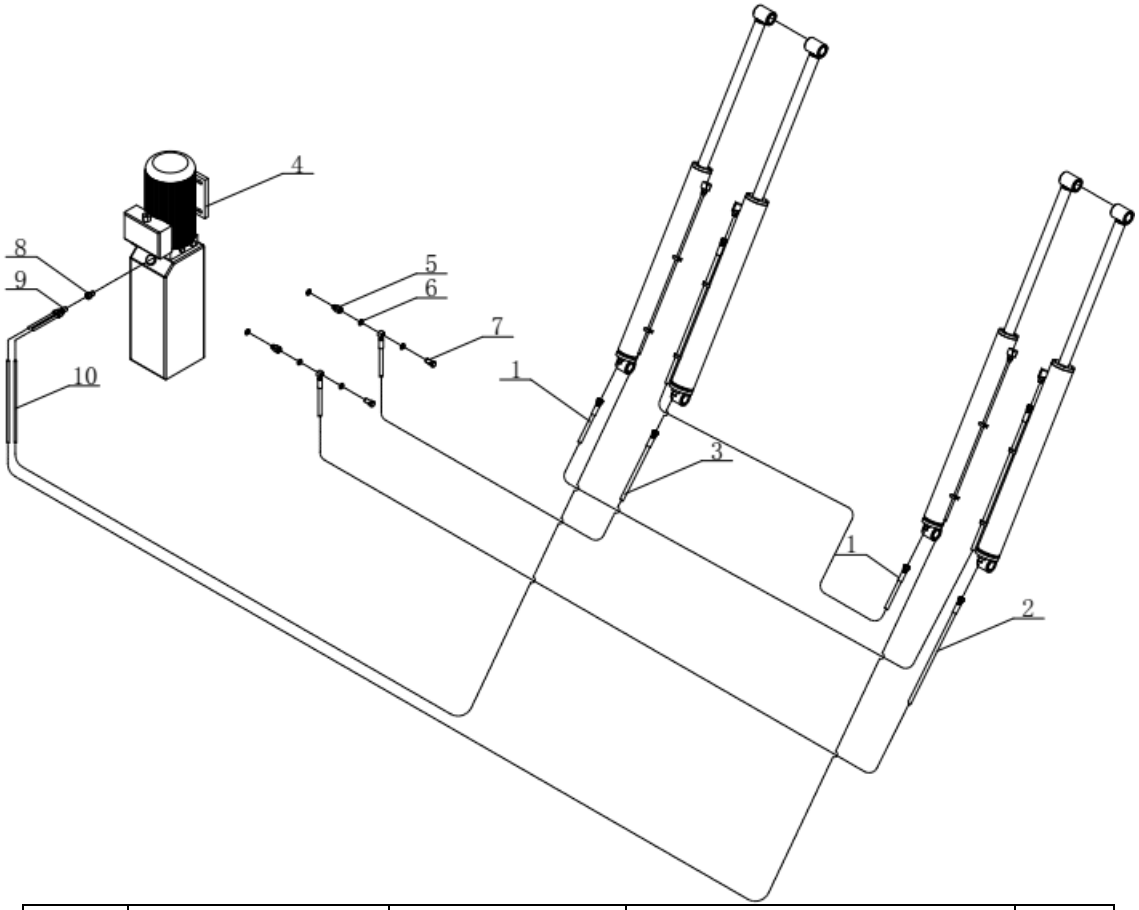
1	HXL6435YM-600-00	HXL6435YM2001	main cylinder	2
2	HXL6435YM-700-00	HXL6435YM2002	sub cylinder	2
3	HXL6435YM-30-01-00	HXL6435YM2003	kicker arm	2
4	HXL6435YM-00-08	HXL6435YM2004	connecting shaft	2
5	GB/T 894.1-1986	HXL6435YM2005	shield ring 30	4
6	GB/T 12613-1990	HXL6435YM2006	axle sleeve P30x25x20	4
7	HXL6435YM-00-09	HXL6435YM2007	axle of kicker arm	2
8	HXL6435YM-00-10	HXL6435YM2008	roller	2
9	GB/T 12613-1990	HXL6435YM2009	axle sleeve P22x20x20	4
10	GB/T 894.1-1986	HXL6435YM2010	shield ring 20	4
11	HXL6435YM-00-20	HXL6435YM2011	cover of cylinder	2
12	HXL6435YM-00-21	HXL6435YM2012	snap	4
13	GB/T 818	HXL6435YM2013	screw M6*70	4
14	GB/T 889.1	HXL6435YM2014	selflocking nut M6	4



1	HXL6435YM-600-00	HXL6435YM3001	main cylinder	
				2
2	HXL6435YM-700-00	HXL6435YM3002	sub cylinder	
				2
3	HXL6435YMT-30-01-00	HXL6435YM3003	kicker arm	
				2
4	HXL6435YM-00-08	HXL6435YM3004	connecting shaft	
				2
5	GB/T 894.1-1986	HXL6435YM3005	shield ring 30	
				4
6	GB/T 12613-1990	HXL6435YM3006	axle sleeve P30x25x20	
				4
7	HXL6435YM-00-09	HXL6435YM3007	axle of kicker arm	
				2
8	GB/T 894.1-1986	HXL6435YM3008	shield ring 20	
				4
9	HXL6435YM-00-22	HXL6435YM3009	roller	
				4
10	GB/T 12613-1990	HXL6435YM3010	axle sleeve P22x20x20	
				8
11	HXL6435YM-40-00	HXL6435YM3011	rotating block	
				2
12	HXL6435YM-00-24	HXL6435YM3012	roller	
				2
13	HXL6435YM-00-23	HXL6435YM3013	axle of roller	
				2
14	GB/T 91	HXL6435YM3014	split pin 1.6*16	
				2
15	HXL6435YM-00-25	HXL6435YM3015	spring	
				2*
16	HXL6435YM-00-20	HXL6435YM3016	cover of cylinder	
				2
17	HXL6435YM-00-21	HXL6435YM3017	snap	
				4
18	GB/T 818	HXL6435YM3018	screw M6*70	
				4
19	GB/T 889.1	HXL6435YM3019	selflocking nut M6	
				4

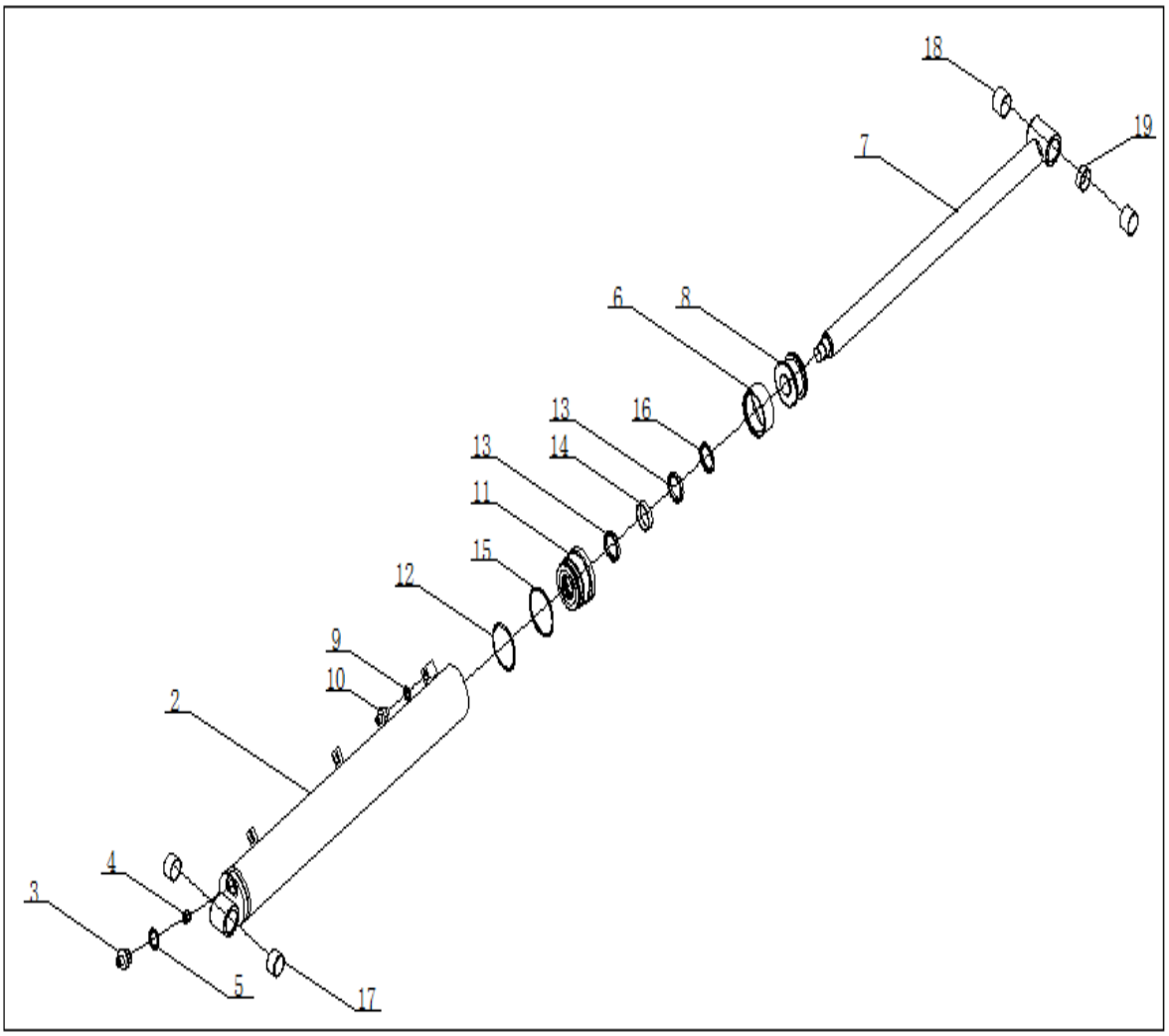
* Quantity: 2 each.

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1	HXL6435YM-80-01	HXL6435YM4001	high pressure hose L=2700	
				2
2	HXL6435YM-80-02B	HXL6435YM4002	high pressure hose L=6600	
				1
3	HXL6435YM-80-03B	HXL6435YM4003	high pressure hose L=5200	
				1
4	YS79L-2F	HXL6435YM4004	pump 380V/220V	
				1
5	QWJ209B-000-04A	HXL6435YM4005	transition joint	
				2
6	QWJ209B-000-05	HXL6435YM4006	composite washer	
				6
7	QWJ209B-000-07	HXL6435YM4007	short pressing bolt	
				2
8	HXL6435YM-000-06	HXL6435YM4008	air joint of pump	
				1
9		HXL6435YM4009	Y- type joint	
				1
10		HXL6435YM4010	air tube PU0805	
				2

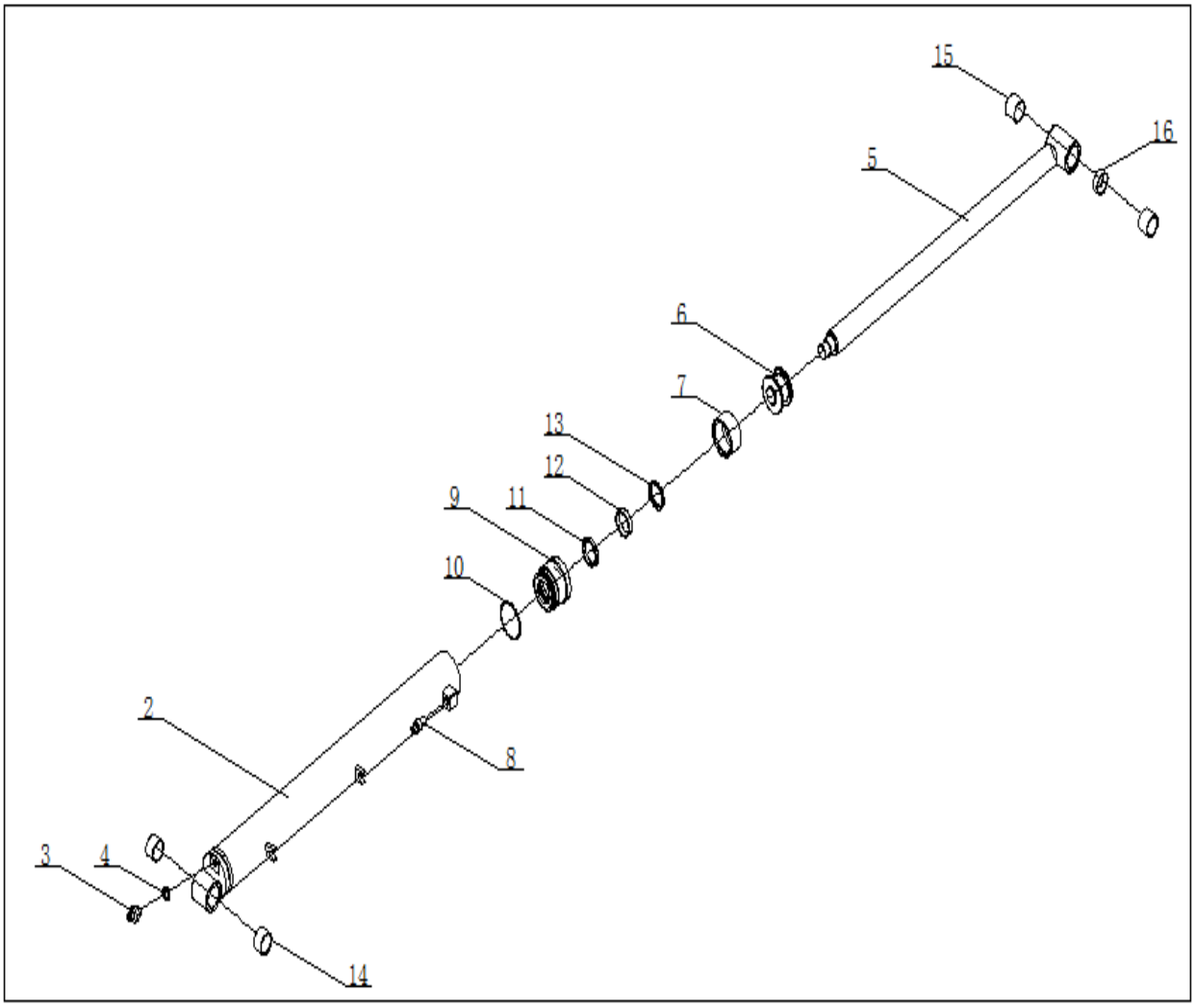
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1	HXL6435YM-600-00	HXL6435YM5001	main cylinder	
				2
2	HXL6435YM-610-00	HXL6435YM5002	main cylinder body	
				2
3	HXL6435YM-600-01	HXL6435YM5003	connector of hydraulic hose	
				2
4	QWJ209B-712-00	HXL6435YM5004	explosion-proof valve	
				2
5		HXL6435YM5005	sealing washer 22	
				2
6	FP.K276000	HXL6435YM5006	sealing washer 70x58x20.5	
				2
7	HXL6435YM-620-00	HXL6435YM5007	piston rod	
				2
8	HXL6435YM-600-04	HXL6435YM5008	piston	
				2
9	QWJ209B-000-05	HXL6435YM5009	composite washer 1/4"	
				2
10	HXL6435YM-600-02	HXL6435YM5010	connector of hydraulic hose	
				2

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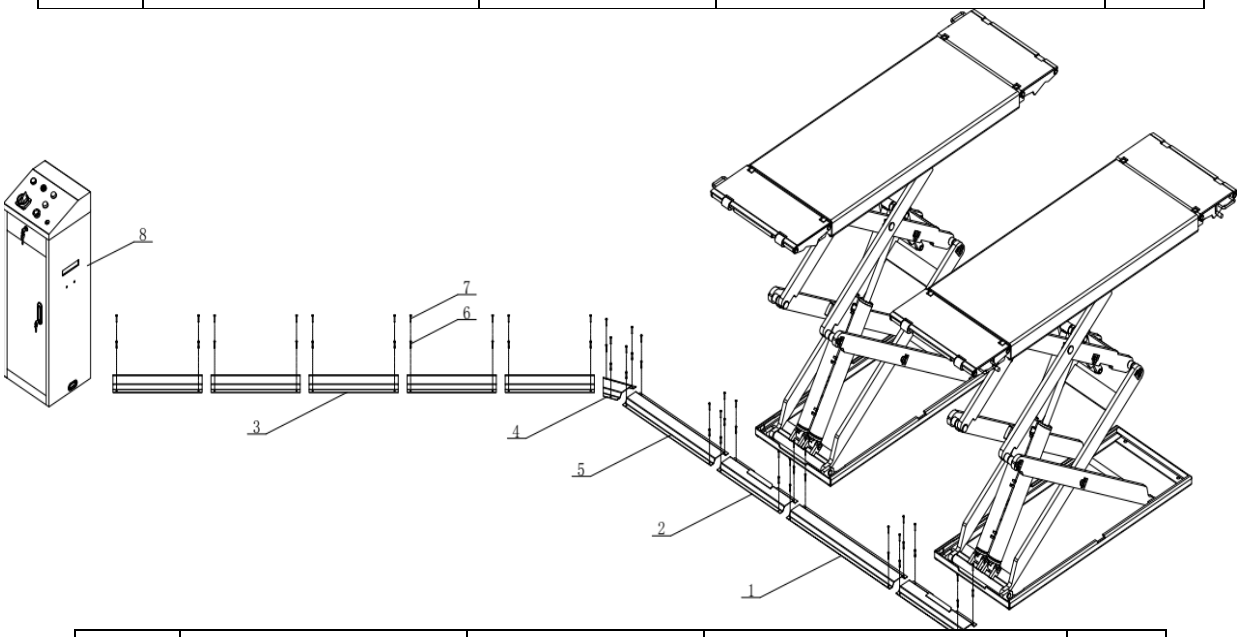
11	HXL6435YM-600-03	HXL6435YM5011	guide sleeve	
				2
12	GB/T 3452.1	HXL6435YM5012	o-seal φ 65×2.65	
				2
13	D2 36x44x5.7	HXL6435YM5013	seal of piston rod	
				4
14	C18-002-0360S-47	HXL6435YM5014	T47 wearing ring	
				2
15	GB/T 3452.1	HXL6435YM5015	o-seal φ 69×2.65	
				2
16	DH 36×44×5	HXL6435YM5016	dustproof ring	
				2
17	SF-1 (with flange)	HXL6435YM5017	bush 3020	
				4
18	SF-1	HXL6435YM5018	bush 3025	
				4



1	HXL6435YM-700-00	HXL6435YM6001	sub cylinder	
				2
2	HXL6435YM-710-00	HXL6435YM6002	sub cylinder body	
				2

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3	HXL6435YM-600-02	HXL6435YM6003	connector of hydraulic hose	
				2
4	QWJ209B-000-05	HXL6435YM6004	composite washer 1/4"	
				2
5	HXL6435YM-620-00	HXL6435YM6005	piston rod	
				2
6	HXL6435YM-700-02	HXL6435YM6006	piston	
				2
7	FP.K236000	HXL6435YM6007	sealing washer 60x48x20.5	
				2
8	For Ø 8 PU pipe	HXL6435YM6008	air tube connector	
				2
9	HXL6435YM-700-01	HXL6435YM6009	guide sleeve	
				2
10	GB/T 3452.1	HXL6435YM6010	o-seal φ 54.5×2.65	
				2
11	D2 36x44x5.7	HXL6435YM6011	seal of piston rod	
				2
12	C18-002-0360S-47	HXL6435YM6012	T47 wearing ring	
				2
13	DH 36×44×5	HXL6435YM6013	dustproof ring	
				2
14	SF-1 (with flange)	HXL6435YM6014	bush 3020	
				4
15	SF-1	HXL6435YM6015	bush 3025	
				4

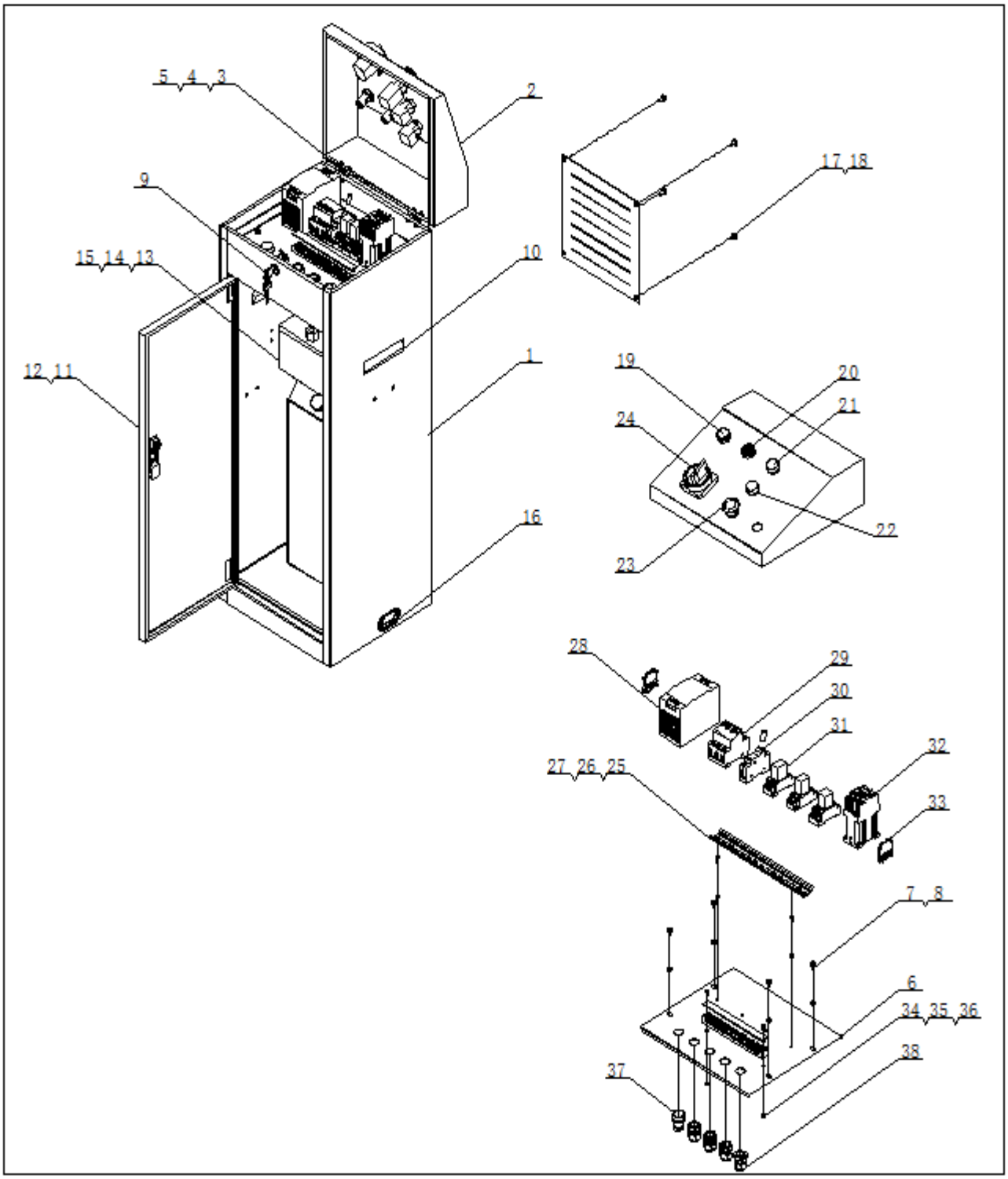


1	HXL6435YM-00-17	HXL6435YM7001	oil cover I	
				1
2	HXL6435YM-00-18	HXL6435YM7002	oil cover II	
				2

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3	HXL6435YM-00-22	HXL6435YM7003	oil cover III	
				5
4	HXL6435YM-00-23	HXL6435YM7004	oil cover IV	
				1
5	HXL6435YM-00-24	HXL6435YM7005	oil cover V	
				1
6		HXL6435YM7006	expansion pipe φ 6×40	
				39
7	GB/T 846-1985	HXL6435YM7007	screw M4*40	
				39
8	QWJ635-300-00	HXL6435YM7008	control box(complete)	
				1

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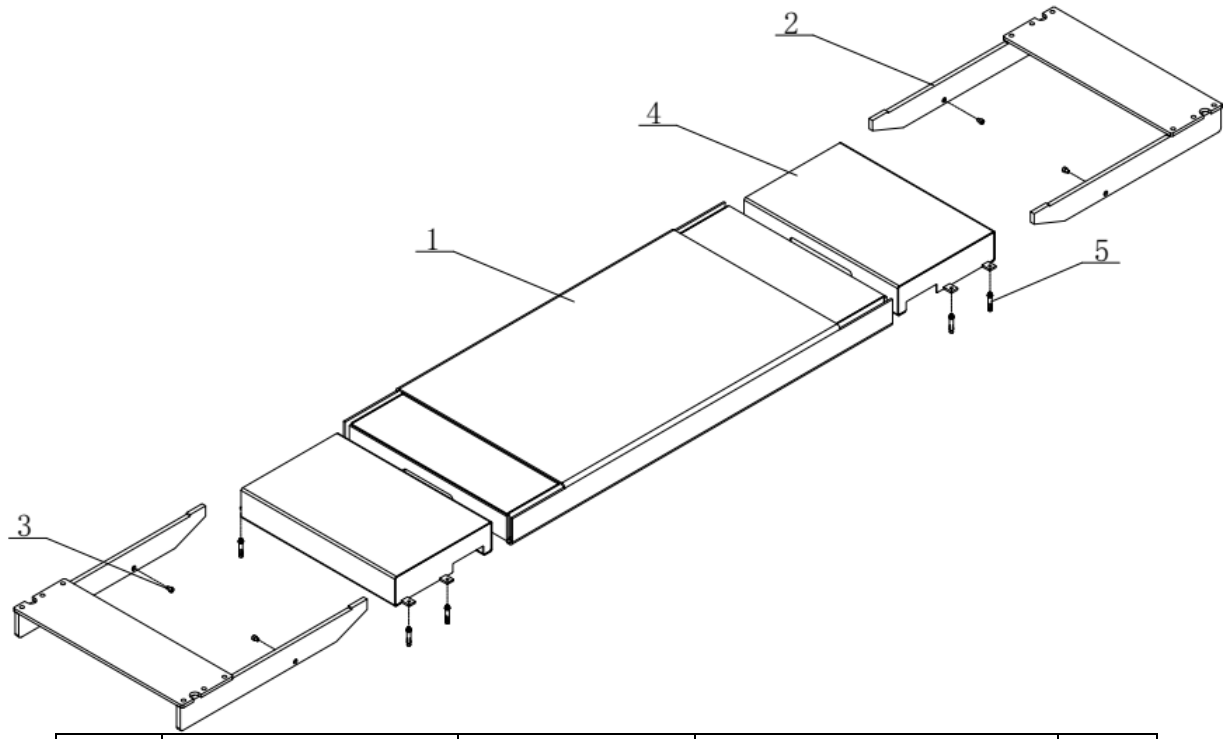
1	QWJ635-310-00	HXL6435YM8001	control box(empty)	
				1
2	QWJ635-320-00	HXL6435YM8002	upper cover	
				1
3		HXL6435YM8003	upper-cover hinge	
				2
4	GB/T 818	HXL6435YM8004	screw M4*10	
				8
5	GB/T 6170	HXL6435YM8005	nut M4	

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				8
6	QWJ635-330-00	HXL6435YM8006	installation board	
				1
7	GB/T 818	HXL6435YM8007	screw M6*12	
				4
8	GB/T 97.1	HXL6435YM8008	flat washer 6	
				4
9		HXL6435YM8009	lock	
				1
10		HXL6435YM8010	ABS plastic handle	
				2
11	QWJ635-300-17	HXL6435YM8011	door	
				1
12		HXL6435YM8012	AB302 lock	
				1
13	YS79L-2F	HXL6435YM8013	pump 380V/220V	
				1
14	GB/T 70.1-2008	HXL6435YM8014	screw M10*20	
				2
15	GB/T 97.1	HXL6435YM8015	flat washer 10	
				2
16	QWJ204A-000-30A	HXL6435YM8016	hydraulic hose protector	
				2
17	QWJ635-300-08	HXL6435YM8017	blind	
				1
18	GB/T 818	HXL6435YM8018	screw M6*12	
				4
19	ND16-22DS/Z DC24	HXL6435YM8019	light DC24V	
				1
20	ADY16-22SM DC24	HXL6435YM8020	buzzer DC24V	
				1
21	LAY-39-11BN	HXL6435YM8021	up button	
				1
22	LAY-39-11BN	HXL6435YM8022	down button	
				1
23	LA39-03ZS	HXL6435YM8023	emergency stop button	
				1
24	LW26-20 GS-20/04-2	HXL6435YM8024	transform switch	
				1
25		HXL6435YM8025	track L=300mm	
				1
26	GB/T 818	HXL6435YM8026	screw M4*10	
				2
27	GB/T 6170	HXL6435YM8027	nut M4	

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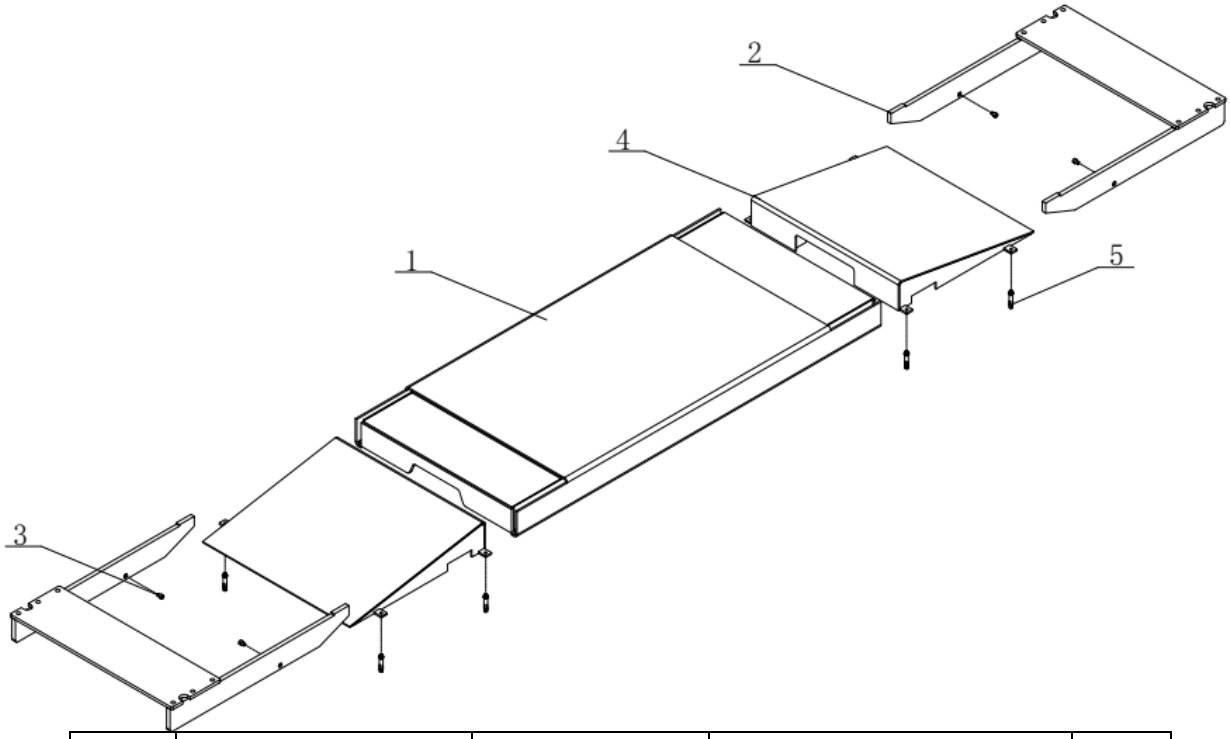
				2
28	DR-120-24	HXL6435YM8028	power supply 24V	
				1
29	DZ47-60 3P C16/C20	HXL6435YM8029	circuit breaker 380V/220V	
				1
30	RT28N-32	HXL6435YM8030	fuse	
				1
31		HXL6435YM8031	time relay	
				3
32	NC1-1210Z DC24V	HXL6435YM8032	AC contactor	
				1
33	USLKG-2.5	HXL6435YM8033	terminal block	
				2
34	TB1520	HXL6435YM8034	wire plate	
				1
35	GB/T 818	HXL6435YM8035	screw M4*10	
				2
36	GB/T 6170	HXL6435YM8036	nut M4	
				2
37	LAY-39-11BN	HXL6435YM8037	green button	
				1
38		HXL6435YM8038	cable gland PG13.5	
				4



1	HXL6435YMK-10-01-00	HXL6435YML1001	platform	
				2
2	HXL6435YMJ-11-01-00	HXL6435YML1002	movable plate	
				4

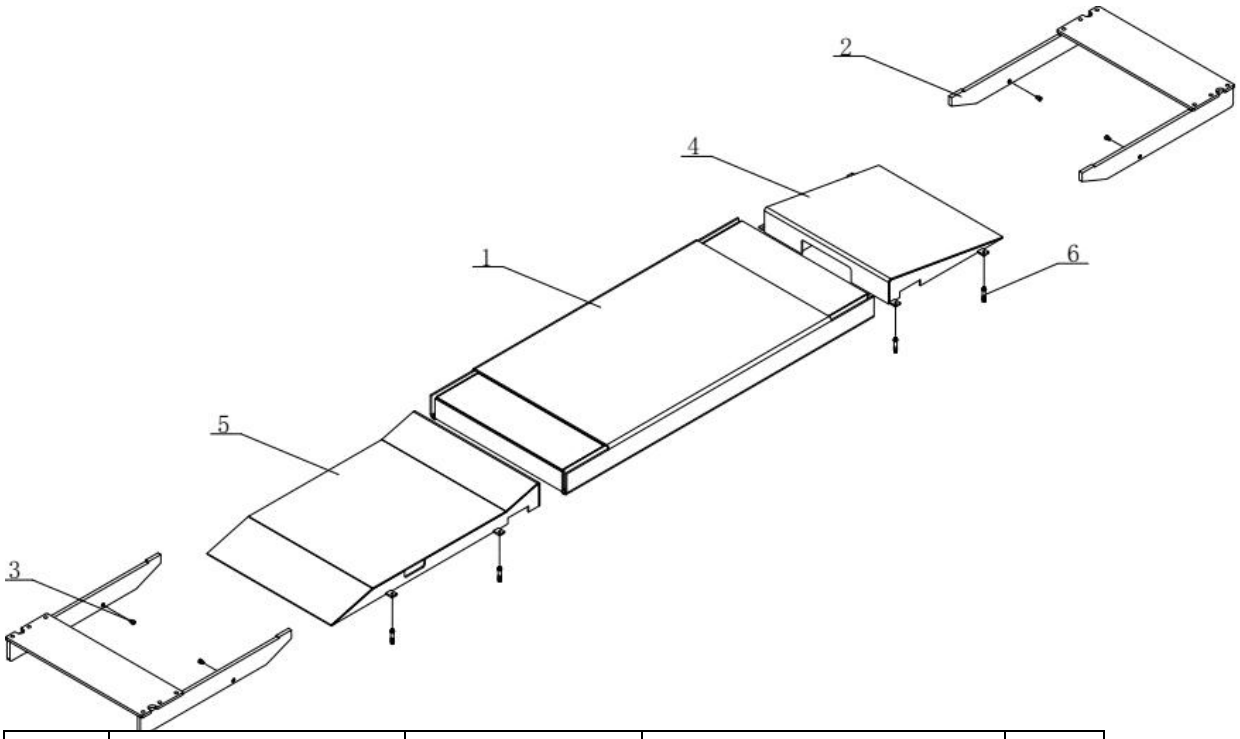
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3	GB/T 70.1-2008	HXL6435YML1003	screw M8*10	
				8
4	HXL6435YME-11-01-00B	HXL6435YML1004	hidden box	
				4
5		HXL6435YML1005	expansion bolt M6*60	
				16



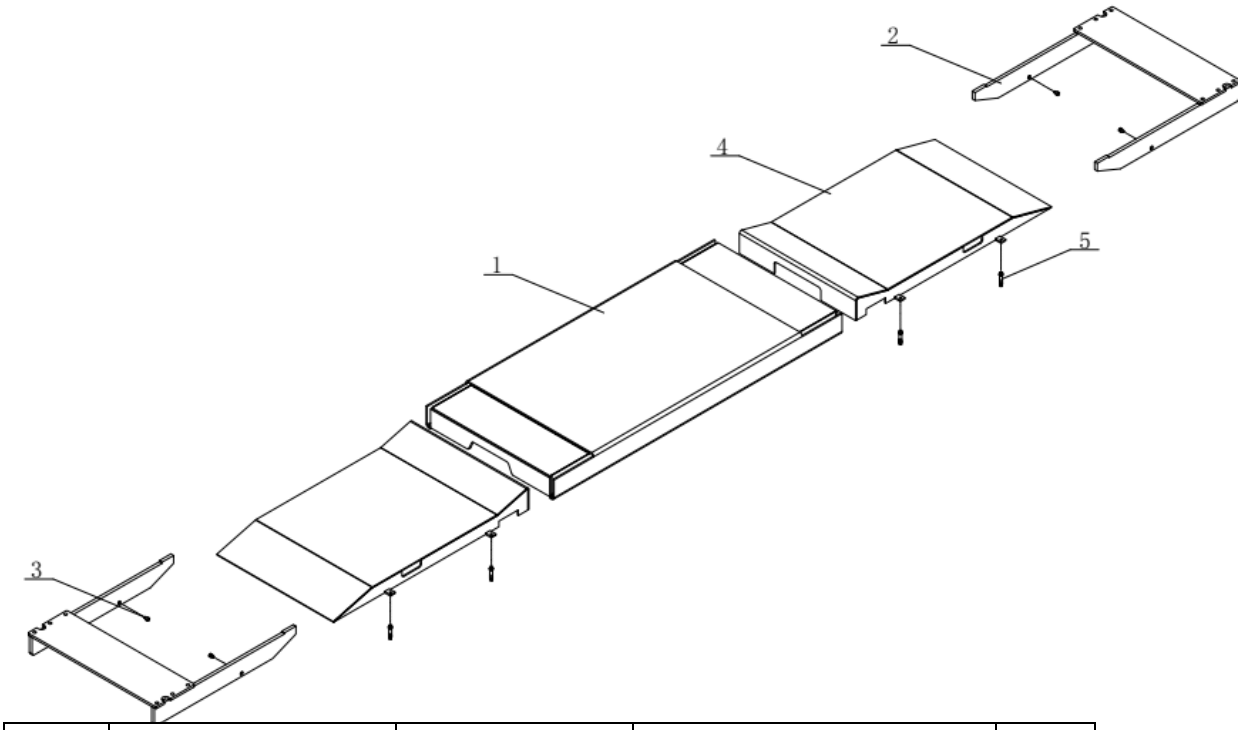
1	HXL6435YMK-10-01-00	HXL6435YML2001	platform	
				2
2	HXL6435YMJ-11-01-00	HXL6435YML2002	movable plate	
				4
3	GB/T 70.1-2008	HXL6435YML2003	screw M8*10	
				8
4	HXL6435YMD-12-01-00B	HXL6435YML2004	run on ramp	
				4
5		HXL6435YML2005	expansion bolt M6*60	
				16

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1	HXL6435YMK-10-01-00	HXL6435YML3001	platform	
				2
2	HXL6435YMJ-11-01-00	HXL6435YML3002	movable plate	
				4
3	GB/T 70.1-2008	HXL6435YML3003	screw M8*10	
				8
4	HXL6435YMD-12-01-00B	HXL6435YML3004	run on ramp	
				2
5	HXL6435YMD-14-01-00	HXL6435YML3005	run on ramp of racing car	
				2
6		HXL6435YML3006	expansion bolt M6*60	
				16

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1	HXL6435YMK-10-01-00	HXL6435YML4001	platform	
				2
2	HXL6435YMJ-11-01-00	HXL6435YML4002	movable plate	
				4
3	GB/T 70.1-2008	HXL6435YML4003	screw M8*10	
				8
4	HXL6435YMD-14-01-00	HXL6435YML4004	run on ramp of racing car	
				4
5		HXL6435YML4005	expansion bolt M6*60	
				16

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Notes

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