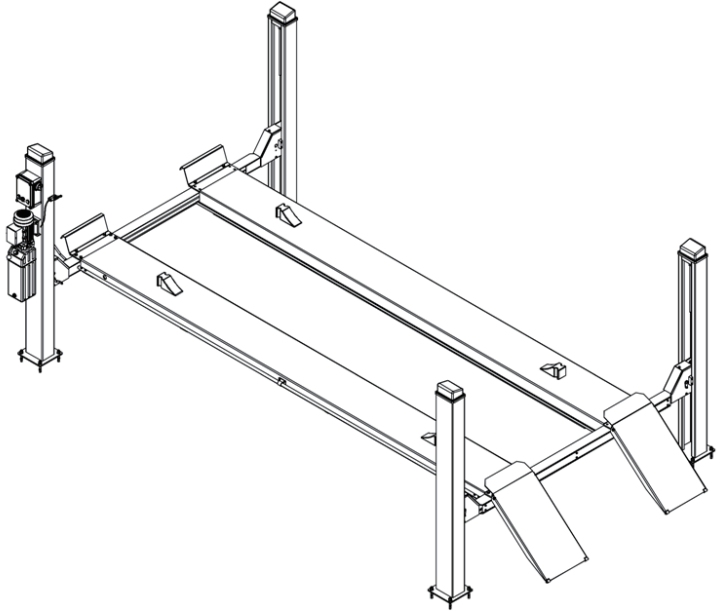


ORIGINAL OPERATING INSTRUCTIONS

Model: GLIFTS004
5TON FOUR POST PLATFORM LIFT
230V/50HZ/1PH/3KW



SUPPLIED BY

Adendorff
machinery mart
www.adendorff.co.za



Model: GLIFTS004

5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

Welcome to the Adendorff family! We're delighted to have you with us and thank you for choosing our product. Your trust and support are greatly appreciated, and we are confident that this device will serve you well.

Please read this manual carefully before installation and use. It contains important safety information and operating instructions that must be followed to ensure proper and safe operation. Keep this manual for future reference.

Taking the time to familiarise yourself with the product will help you maximise its performance and ensure a smooth, trouble-free experience.

If you have any questions or require assistance, please don't hesitate to contact our support team.

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Appendix:

This section is for reference by professional installers only; ordinary users do not need to read it.

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Model: GLIFTS004

5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

Product Introduction

The **5 Ton Four Post Platform Lift (Model GLIFTS004)** is a stationary hydraulic vehicle lifting system designed for use in **professional workshops, service centres, and automotive maintenance facilities.**

This lift is intended **solely for lifting and supporting complete motor vehicles** within its rated capacity of **5 tonnes**, to allow safe access for inspection, servicing, maintenance, and repair operations. The four-post design provides stable, level lifting for a wide range of passenger vehicles and light commercial vehicles.

The lift is designed for **indoor installation on a reinforced concrete floor** and must be installed, operated, and maintained in accordance with the instructions contained in this manual. Operation is restricted to **trained and authorised personnel only.**

Intended Use

- Raising and lowering complete motor vehicles
- Supporting vehicles at working height during maintenance or inspection
- Use in controlled workshop environments

Prohibited Use

- This product **must not** be used for:
- Lifting or supporting persons
- Lifting individual vehicle components or loose loads
- Exceeding the rated lifting capacity
- Outdoor operation or installation
- Use on unsuitable surfaces or unstable foundations

Any use outside of the intended purpose is considered misuse and may result in serious injury, equipment damage, or warranty invalidation. Adendorff Machinery Mart accepts no liability for damage or injury resulting from improper or unauthorised use.

Specification

1. Technical parameter

•5TON PLATFORM FOUR POST LIFT

Type	Lifting capacity	Lifting/ Lowering time	Lifting height	Total height	Total width	Total length
GLIFTS004	5TON	<75s	1750mm	2205mm	3480.5mm	5494mm

Model: GLIFTS004

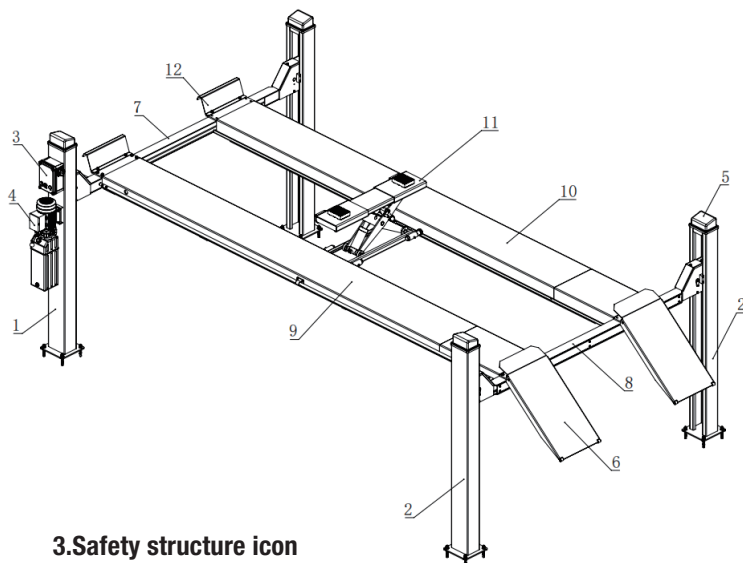
5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

•2.5TON ROLLING JACK(Optional, not include and it needs to be purchased separately from Adendorff Machinery Mart)

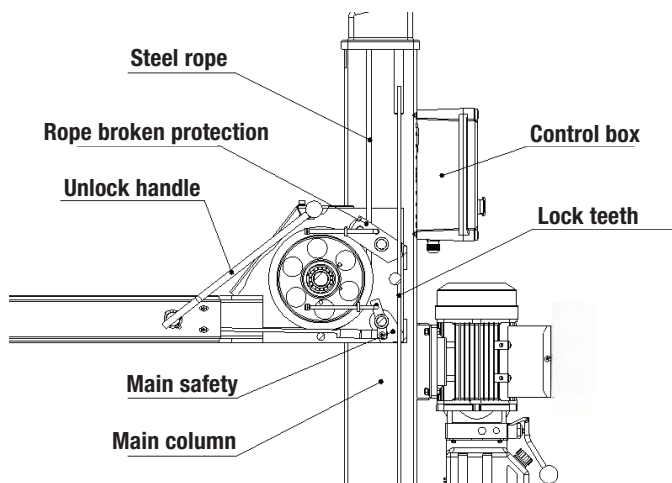
Lifting capacity	UP/DOWN time	Lifting height	Total width	Total Length
2500kg	<25s	488mm	430mm	1130mm

2.The main structure of the whole machine



- 1) Main column
- 2) Auxiliary column
- 3) Control box
- 4) Power unit
- 5) Column cap
- 6) Ramp
- 7) Main crossbeam
- 8) Auxiliary crossbeam
- 9) Main platform
- 10) Auxiliary platform
- 11) Rolling jack(Optional)
- 12) Wheel stop plate

3.Safety structure icon



Model: GLIFTS004

5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

Safety Warnings

1.Important Statement

1)The lifting machine is designed exclusively for lifting vehicles. Any other use is prohibited. Neither the dealers nor the company are liable for accidents or damage resulting from unauthorized uses.

2)Be sure to pay attention to the tonnage mark on the machine and do not attempt to lift vehicles exceeding the rated capacity.

3)Please read the manual carefully before installation and operation to avoid potential property damage or personal injury.

4)Users may not alter the control or other mechanical parts without the manufacturer's explicit permission.

2.Qualified Operator and Instructions

1)Professional, trained personnel may operate the lift.

2)Electrical connections must be handled by qualified personnel.

3)Non-professionals should not operate lifting machines.

3.Instructions of Consideration

1)Do not install the lift on asphalt. The concrete thickness must meet specified requirements.

2)Before operation, carefully read and understand the safety instructions.

3)Lifts are generally not intended for outdoor use and are not typically customized for special customer needs.

4)Keep hands and feet away from moving parts. When the machine is lowering, ensure hands and feet are removed to avoid injury.

5)The operator is not permitted to wear loose clothing that could be caught in moving parts during operation.

6)The lifting machine must be kept clean and tidy and should not be cluttered to prevent accidents.

7)The lift is designed to lift vehicles as a whole, not individual parts. Do not attempt to lift vehicles exceeding the rated capacity.

8)When working under a vehicle, ensure the safety lock is engaged.

9) Inspect components for damage at any time, check the synchronization of the machine and the flexibility of moving parts, pay attention to regular maintenance, and stop using the machine immediately and contact the dealer if any abnormality is found.

10)Lower the machine to its minimum position after operation.

11)Do not modify the lift components without the permission of the manufacturer.

12)If the machine is not to be used for a long period of time, the user shall:

A. Disconnect the power supply

B. Drain the hydraulic oil

C. Lubricate the moving components with grease

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5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

Attention

- The car lift is a high-risk product. Improper installation, operation, or unauthorized modification of mechanical parts may cause injury or death. Carefully read the manual, strictly follow requirements, and avoid random liquid discharge to protect the environment.
- All safety warning signs on the machine are designed to alert operators to dangerous situations. Keep them clean and replace them if detached or damaged. Read and memorize their meanings.
- Lifting machine noise should be below 75dB for health safety. It is recommended to place a noise meter in your work area and monitor the machine's noise at any time.

Installation Overview

Important:

Installation must be carried out by qualified technicians in accordance with local building, electrical, and safety regulations. Improper installation may result in serious injury or equipment damage.

Step 1 – Site Preparation

- 1)Verify indoor installation location
- 2)Confirm reinforced concrete floor:
Minimum thickness: 300 mm
Level tolerance: ≤ 5 mm
- 3)Ensure sufficient clearance around the lift for operation and maintenance
- 4)Confirm power supply availability (230 V / 50 Hz / single-phase)

Step 2 – Unpacking & Component Verification

- 1)Unpack all lift components using suitable lifting equipment
- 2)Verify contents against the Package Contents / Packing List
- 3)Inspect all components for transport damage
- 4)Do not proceed if parts are missing or damaged

Step 3 – Positioning & Layout

- 1)Mark column positions according to the foundation layout drawing
- 2)Confirm diagonal measurements are equal to ensure squareness
- 3)Position columns, platforms, and crossbeams loosely in place
- 4)Ensure all columns are vertical and parallel before anchoring

Step 4 – Mechanical Assembly

- 1)Assemble platforms, crossbeams, ramps, and safety components
- 2)Route and connect steel cables and pulleys as supplied

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230V/50HZ/1PH/3KW

- 3) Install safety ladders and locking mechanisms
- 4) Do not fully tighten fasteners until alignment is verified
(Detailed diagrams are provided in the Assembly Drawings section)

Step 5 – Hydraulic System Connection

- 1) Connect hydraulic hoses between power unit and cylinder
- 2) Ensure all fittings are clean and securely tightened
- 3) Fill hydraulic tank with approved anti-wear hydraulic oil:
ISO VG 32 (below 18 °C)
ISO VG 46 (above 18 °C)

Step 6 – Electrical Connection



Electrical work must be performed by a qualified electrician

- 1) Connect power supply according to wiring diagram
- 2) Verify correct voltage and phase
- 3) Test emergency stop and limit switch functionality

Step 7 – Anchoring to Floor

- 1) Drill anchor holes through column base plates
- 2) Install expansion anchor bolts
- 3) Shim base plates as required to achieve vertical alignment
- 4) Torque anchors securely once alignment is confirmed

Step 8 – Synchronisation & Adjustment

- 1) Perform initial lift without a vehicle
- 2) Adjust steel cables to level platforms
- 3) Set and verify safety lock engagement at all columns
- 4) Ensure smooth, level lifting and lowering operation

Step 9 – Final Safety Inspection

Before first use, confirm:

- 1) All fasteners are fully tightened
- 2) Safety locks engage correctly
- 3) Hydraulic system shows no leaks
- 4) Electrical controls function correctly
- 5) Lift operates smoothly without abnormal noise

Step 10 – Commissioning

- 1) Perform test lift with no load
- 2) Perform test lift with a suitable vehicle within rated capacity
- 3) Hand over lift for operational use

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230V/50HZ/1PH/3KW

Operation Instructions

Important General Safety Notice

- 1) This equipment may only be operated by trained and authorised personnel.
- 2) The operator must remain at the controls at all times while the lift is moving.
- 3) Never allow any person to stand beneath a vehicle while the lift is raising or lowering.
- 4) Always ensure safety locking mechanisms are engaged before working under a raised vehicle.

A. Four-Post Lift – Operating Instructions (Primary Equipment)

A1. Pre-Operation Checks (Before Each Use)

Before operating the four-post lift, verify the following:

- 1) The lift is securely anchored and level
- 2) No visible damage to steel cables, hydraulic hoses, or safety locks
- 3) Safety locking mechanisms engage correctly
- 4) Control box, emergency stop, and limit switches function correctly
- 5) The lift area is clear of tools, obstructions, and bystanders
- 6) Do not operate the lift if any abnormality is detected.

A2. Positioning the Vehicle

- 1) Drive the vehicle slowly onto the platforms.
- 2) Ensure the vehicle is centred lengthwise and laterally on the lift.
- 3) Apply the vehicle handbrake and switch off the engine.
- 4) Install wheel stop plates where applicable.

 Incorrect vehicle positioning may cause instability or damage.

A3. Raising the Lift

- 1) Turn on the main power supply.
- 2) Release the emergency stop button.
- 3) Press the UP button to raise the lift.
- 4) Observe the lift during ascent and listen for abnormal noise.
- 5) Release the button once the desired height is reached.

 Do not leave the controls while the lift is moving.

A4. Engaging the Safety Locks

- 1) Slightly lower the lift until the safety locks engage fully.
- 2) Confirm all four safety locks are seated evenly.
- 3) Switch off the power before commencing work under the vehicle.

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5TON FOUR POST PLATFORM LIFT

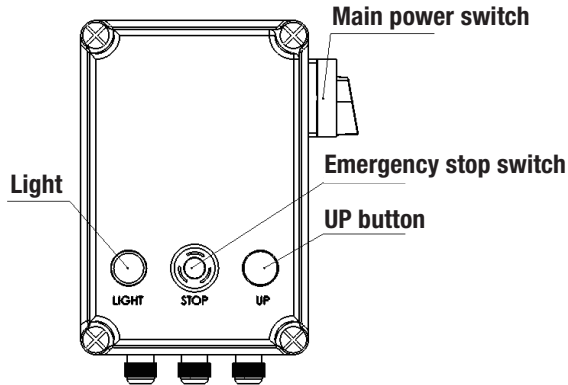
230V/50HZ/1PH/3KW

A5. Lowering the Lift

- 1) Ensure the area beneath the lift is completely clear.
- 2) Switch on the power supply.
- 3) Press the UP button briefly (30–50 mm) to release the safety locks.
- 4) Operate the unlocking lever and lowering control simultaneously.
- 5) Lower the lift smoothly to its lowest position.
- 6) Once fully lowered, remove wheel stop plates and drive the vehicle away.

A6. Emergency Stop & Abnormal Operation

- 1) Press the Emergency Stop immediately if abnormal noise, vibration, or instability occurs.
- 2) Do not resume operation until the issue has been inspected and resolved by qualified personnel.



Control box operation instruction

B. Optional Rolling Jack – Operating Instructions (Accessory)

⚠ Important:

The rolling jack is an optional accessory and not supplied as standard.
The following instructions apply only if the rolling jack is installed.

B1. Purpose of the Rolling Jack

The rolling jack is designed to raise vehicle axles or wheels after the vehicle has already been lifted and securely supported by the four-post lift.

⚠ The rolling jack must never be used as the primary lifting device.

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B2. Pre-Operation Checks

- 1)Ensure the four-post lift safety locks are fully engaged
- 2)Verify the rolling jack is correctly positioned on the platform rails
- 3)Confirm air or hydraulic supply connections (depending on jack type)
- 4)Ensure no persons are beneath the vehicle

B3. Raising the Rolling Jack

- 1)Position the rolling jack beneath the designated lifting point.
- 2)Press the PUMP / UP control to raise the jack.
- 3)Raise only to the required height.
- 4)Engage the rolling jack safety lock where provided.

B4. Lowering the Rolling Jack

- 1)Ensure the area beneath the vehicle is clear.
- 2)Release the rolling jack safety lock.
- 3)Operate the release / unloading valve to lower the jack slowly.
- 4)Confirm the jack is fully lowered before repositioning or removing it.

B5. Important Safety Notes (Rolling Jack)

- 1)Never exceed the rolling jack's rated capacity
- 2)Do not move the rolling jack while under load
- 3)Do not work under a vehicle supported only by the rolling jack

C. Shutdown After Use

- 1)Lower the lift completely
- 2)Switch off the power supply
- 3)Clean the operating area
- 4)Store the rolling jack (if fitted) in its designated position

D. Operator Responsibility Statement

Failure to follow these operating instructions may result in injury, equipment damage, or warranty invalidation. Adendorff Machinery Mart accepts no liability for damage or injury resulting from improper operation or unauthorised use.

Troubleshooting

Attention: If you can't solve the problem, please contact the manufacturer for help. We will help you solve the problem for the first time, and provide the relevant fault information and the trouble picture to enable the manufacturer to troubleshoot you at the fastest speed.

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Fault phenomenon	cause	solutions
Abnormal sound	The cylinder ' s inside whether or not friction marks	Add lubricating oil to the inner column
	The cylinder is whether or not obstacles	Clean up internal obstacles
The motor does not turn and not rise	The motor cut off the wire	Replace the motor
	Bad wire contact	Check and connect the lines
	The limit switch is off line. The action is bad.	Connect the line. Adjust or replace the limit switch
The motor turns but does not rise	Motor reversal	Correct wire connection
	overflow valve looseness or obstacles	Adjust or clean the overflow valve
	The gear pump is damaged	Replace the gear pump
	Hydraulic oil insufficiency	Replenishing hydraulic oil
	The suction pipe is loose and loose	Tightening suction pipe
After the rise, slowly unloading	Cushion valve looseness or obstacles	Tighten or clean the buffer valve
	Oil cylinder seal is poor	Replacement of seals
	The one-way valve is poor	Decomposition of cleaning to rule out or replace
	Improper overflow valve	Decomposition of cleaning to rule out or replace
	The manual unload valve or the electromagnet unloading valve is not good	Decomposition of cleaning to rule out or replace
Slow rise	Whether the steel cable is loose and not adjusted	Check whether the wire rope is levelled
	The oil filter is blocked	Decomposition of cleaning to rule out or replace
	Oil pressure mixed with air	Replenishing hydraulic oil
	The overflow valve adjustment is not in place.	adjust
	The hydraulic oil heats up (more than 45°)	Replace the hydraulic oil
Slow down	Wear of oil cylinder seals	Replacement of seals piece
	Cylinder lubrication is not good	Replace the lubricating oil in the cylinder
	The throttle valve is stuck and there are obstacles	Decomposition of cleaning to rule out or replace
	The hydraulic oil is dirty	Replace the hydraulic oil
A wire rope has a rough edge	The Explosion-proof throttle valve has obstruction	Replace explosion-proof throttle valve
	Oil tube obstruction	Oil tube obstruction
	No butter lubrication during installation	Replace the steel cable

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Maintenance

The routine maintenance of simple and low cost can ensure the normal operation and safety of the machine. The following are the routine maintenance requirements. The following recommended routine maintenance time can be based on the use environment and frequency of the lift.

The parts that need lubrication are shown below:

A: The wire rope needs lubrication.

B: The sliding blocks inside and outside the column need lubrication.

C: All pulley shafts need lubrication.

D: The main safety device needs lubrication.

E: The broken rope safety device needs lubrication.

1. Check the following items before daily operation

The operator must undergo an inspection before the operation machine, and the inspection of the safety lock is very important and must be checked every day to guard against the failure to ensure that you will not suffer serious loss. It doesn't waste time, it doesn't kill people.

- At the time of operation, according to the sound judgment, the locking of the safety lock.
- Check the connection and leakage of the hydraulic pipe.
- Check the connection of the chain, the connection of the steel cable, the electrical part
- Check the fastening of anchor bolts.
- Check the lock tooth situation of arm lock.

2. Weekly check content

- Check the flexibility of the moving parts.
- Check the status of security components.
- Check the volume of hydraulic oil. Press the ascending key to make the platform rise to the highest level. If you can't reach the highest altitude, the hydraulic oil in the tank is not enough.
- Check the tightening of expansion bolts.

3. Contents of monthly routine inspection

- Fastening of bolts
- The sealing of hydraulic system, if oil leak detection, tighten the joint position.
- Check the shaft pin, roller, carriage structure, lubrication and wear of lifting arm and related parts. The damage will be changed in time.
- Check the lubrication and wear of the steel cable.

4. Content of annual routine inspection

- Empty the tank to check the hydraulic oil condition.
- Clean the filter in the tank.

Note: The car lift must be used for "lithium base grease" lubrication.

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Warranty

WARRANTY TERMS AND CONDITIONS

Warranty Period

- 12 months from purchase date (first user only).

Coverage

- Manufacturing and material defects.
- Excludes: batteries, chargers, wear parts (bearings, brushes, cables, plugs), accessories (drills, drill bits, saw blades).

Exclusions

- Misuse, maltreatment, accidents, or modifications.
- Overloading, fluid ingress, excessive dust, or intentional damage.
- Failure to follow instructions or use correct voltage.

Liability

Adendorff Machinery Mart accepts no liability for injuries caused by improper use.

Repairs

- Warranty repairs must be carried out at authorised Adendorff repair centres.
- A 3-month warranty applies to all repairs.

Transport Costs

- Transport is the customer's responsibility unless agreed in writing.

Claims

- Warranty claims require proof of purchase.
- Claims do not extend or reset the warranty period.

Returns

- Return product intact, clean, and in original case (if applicable).
- Include proof of purchase.

For full warranty details, visit www.adendorff.co.za or call 011 434 7000.

⚠ Danger! Read all safety regulations and instructions. Keep this manual for future use.

Supplied by:

Adendorff Machinery Mart

98 Sailor Malan Avenue, Aeroton, Johannesburg, 2190

www.adendorff.co.za

Made in P.R.C.

Model: GLIFTS004

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Appendix :

This section is for reference by professional installers only; ordinary users do not need to read it.

Appendix A:Detailed Installation & Assembly Guide

1. Before installation

1)Tools and equipment needed

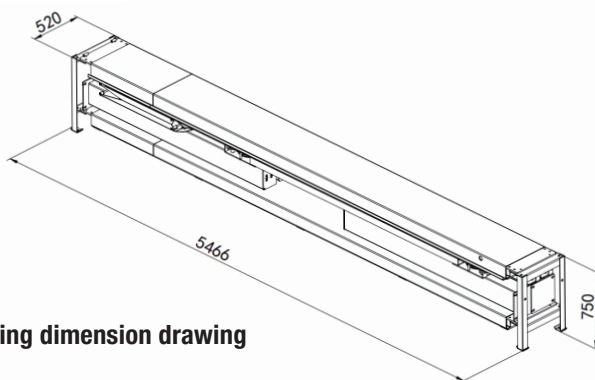
- Lifting equipment 1 piece
- #20 Anti-wear hydraulic oil 12L
- Electric hammer drill
- Chalk
- Tape measure
- Magnetic plumb line
- Φ 15mm horizontal pipe 8 m
- Open spanner 1 set
- Inner hexagon spanner 1 set
- A cross screwdriver
- A flathead screwdriver
- A needle nose pliers
- Φ 17, Φ 19, Φ 22 Socket wrench each 1pcs
- Hammer 1pcs (4 pounds)
- Circlip pliers 1pcs

2)Ground requirement

The car lift must be installed on a level concrete surface with a minimum thickness of 300mm and a concrete strength exceeding 3000 psi(The leveling tolerance must be less than 5mm). For newly poured concrete, a curing period of at least 20 days is required before installation.

3)Check accessories

Upon opening the package, verify all components against the complete machine packing list in Enclosure 1. Immediately report any missing parts to the distributor or manufacturer.



Packing dimension drawing

Model: GLIFTS004

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2.Precautions during installation

- 1)Ensure both upright columns remain parallel to each other and perfectly vertical to the ground during installation. Any tilting must be avoided.
- 2)All hydraulic hose and steel cable connections must be securely fastened in place to prevent potential oil leakage and cable loosening.
- 3)Verify that all bolts and nuts are properly tightened to ensure full fastening integrity.
- 4)Strictly prohibit any vehicle placement on the lift during test operations.

3.Installation steps

Step 1: Choose a suitable location

The lifting platform is for indoor installation only. Install it on solid concrete, not on expansion joints in cement floors. Do not install it on the ground floor of a second-floor or higher building without permission from relevant building personnel.

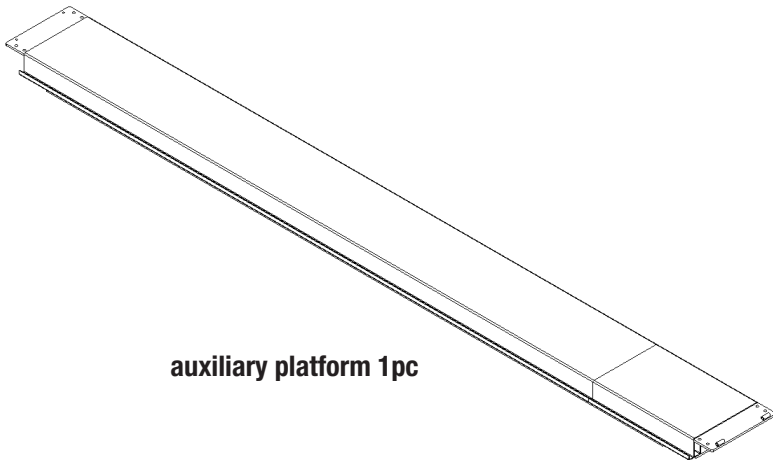
Step 2: Once the installation location is determined, the lift will be moved to the installation site by lifting equipment.

Step 3: Move the power unit around.

Step 4:Move the rolling jack around.

Step 5:Unpacking:

- 1)First place wooden strips (higher than 120mm) on the ground. Use lifting equipment to place the whole packing frame on the wooden strips, so that the bottom of the packaging frame is off the ground.
- 2)Remove the packaging material.
- 3)Remove the connecting screws between the upper platform(auxiliary platform)and the steel frame. Use lifting equipment to lift this platform down and place it in an open area.



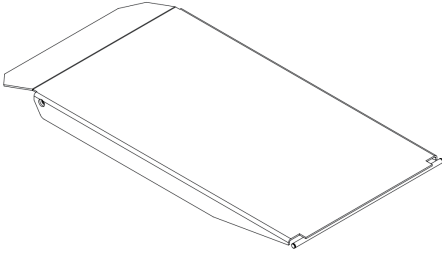
auxiliary platform 1pc

Model: GLIFTS004

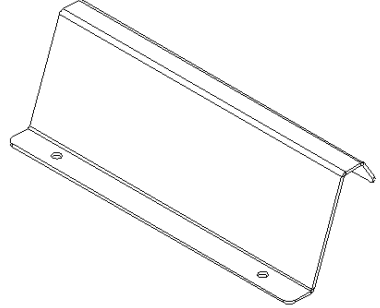
5TON FOUR POST PLATFORM LIFT

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4) Remove the packing straps, take out A: ramp 2pcs, B: stop plate 2pcs, and C: accessory box 1pcs, and then put them in an open area.

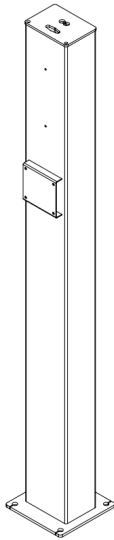


(A) ramp 2pcs

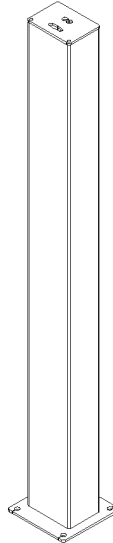


(B) stop plate 2pcs

5) Remove the packing straps and connecting screws, take out E: main column 1pcs, F: auxiliary column 3pcs, G: main crossbeam 1pcs, and H: auxiliary crossbeam 1pcs in and open area.



(E) Main column 1pcs
with motor fixing plate

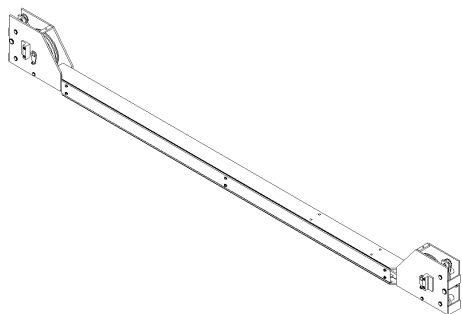


(F) Auxiliary column 3pcs

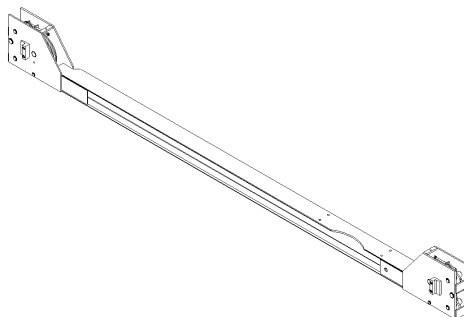
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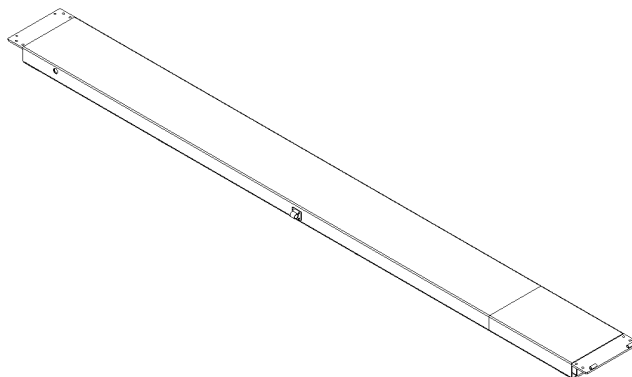


(G) Main crossbeam 1pcs



(H) Auxiliary crossbeam 1pcs

6) Remove the connecting screws between the bottom platform (main platform) and the steel frame. Remove the steel frame, use the lifting equipment and lift the platform to an open area.



(I) Main platform 1pcs

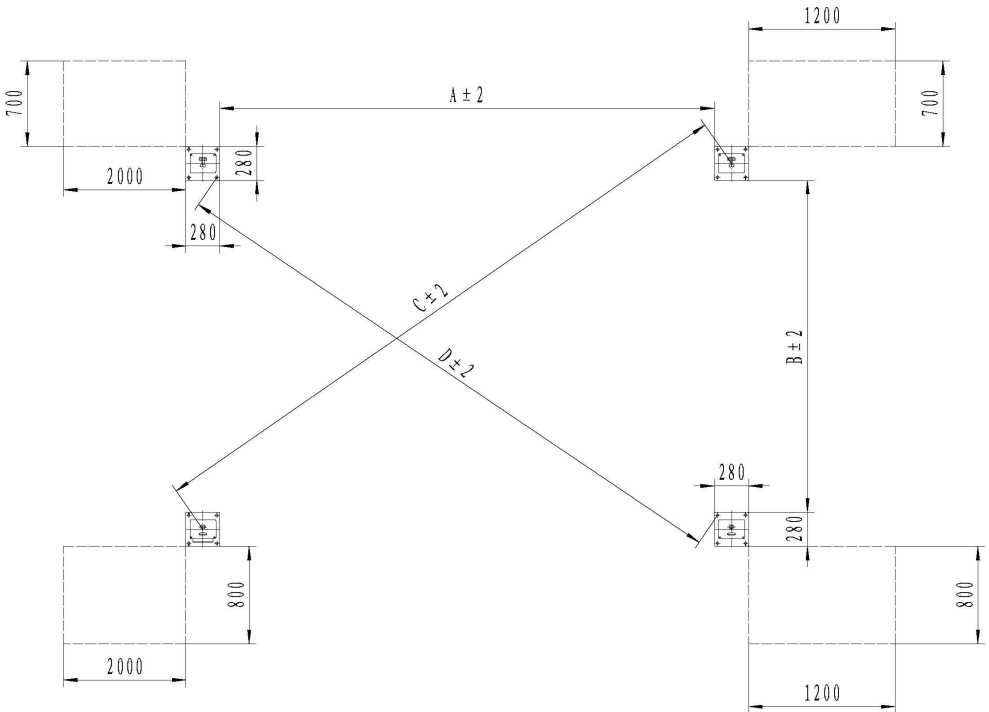
Model: GLIFTS004

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Step 6: Determine the machine installation layout.

Mark the standing points of the four columns using a measuring tape and chalk, ensuring that the two diagonals are the same length.



A:4798mm B:2722mm C:5899mm D:5576.5mm

Step 7: Use lifting equipment to position the major components of the lift as shown in the diagram below:

- 1) For ease of installation, please put the crossbeam on the tire rubber blocks.
- 2) Pull the wire rope out of the main platform and thread it into the pulleys of the main and auxiliary crossbeams.

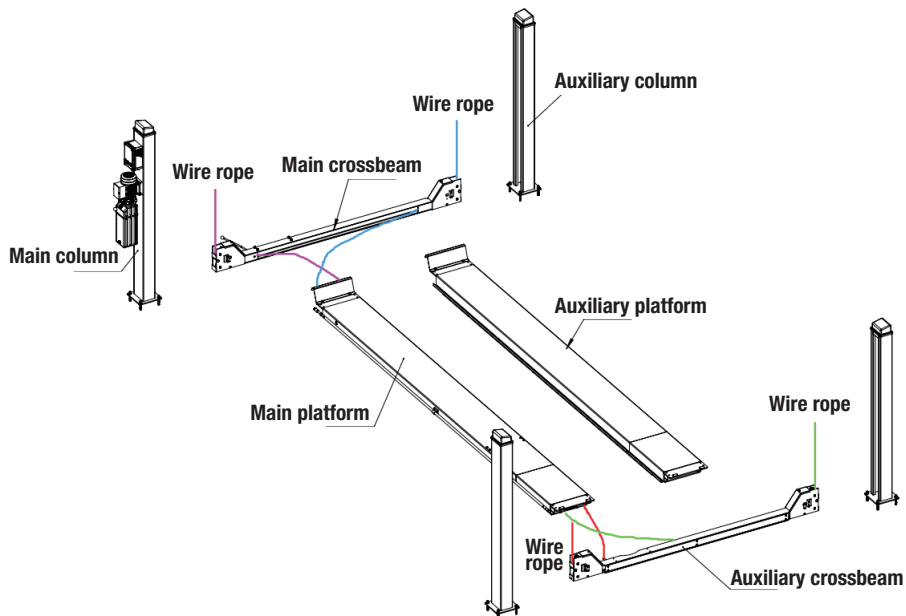
A: The main and auxiliary platforms are pre-installed at the factory, including the connection of the hydraulic cylinders, wire ropes, and hydraulic hoses.

B: The main and auxiliary crossbeams are pre-installed at the factory, including the connection of the unlocking device, the main safety device, the broken rope safety device, and the rope pulleys.

Model: GLIFTS004

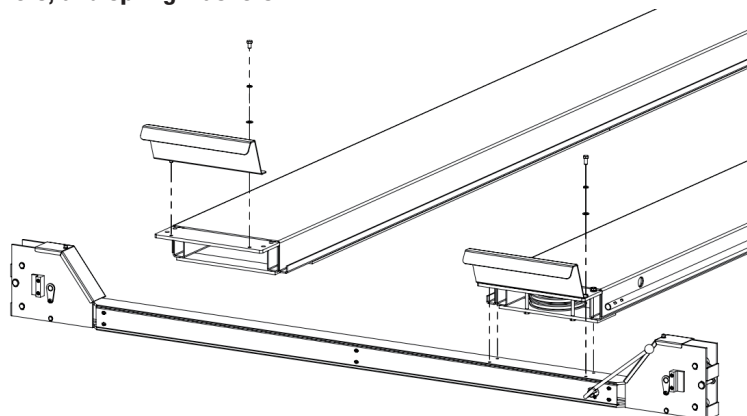
5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW



Step 8: Connect the main and auxiliary crossbeams to the main and auxiliary platforms, and assemble the stop plate onto the main and auxiliary platforms, as shown in the figure below:

- 1) Connect the main and auxiliary crossbeams to the main platform with M12*25 hex bolts, flat washers, and spring washers.**
- 2) Assemble the stop plates onto the main and auxiliary platforms with M12*16 hex bolts, flat washers, and spring washers.**



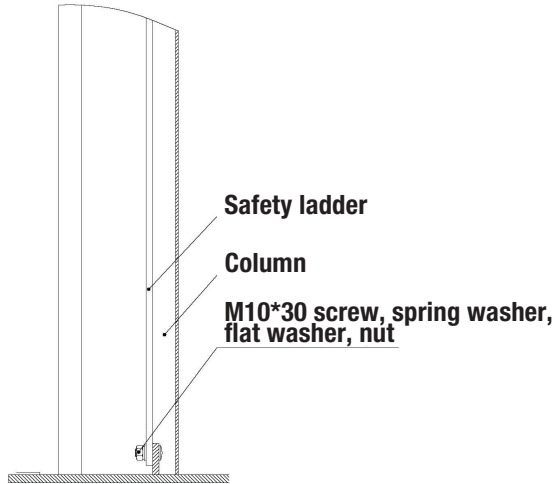
Model: GLIFTS004

5TON FOUR POST PLATFORM LIFT

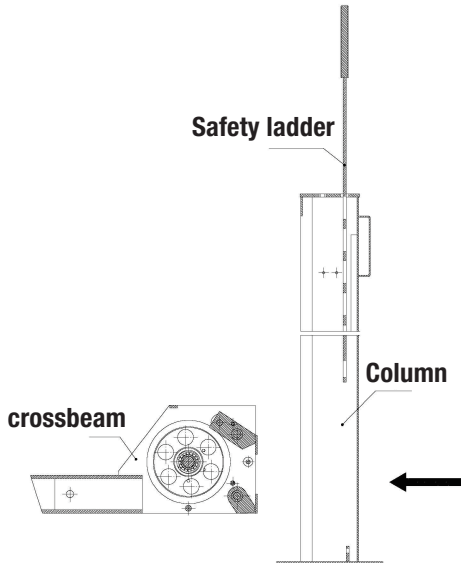
230V/50HZ/1PH/3KW

Step 9: Assemble the crossbeam onto the column.

1) Remove the M10*30 semi-circular head square neck screw, M10 spring washer, M10 flat washer, and M10 nut to allow the safety ladder to be movable.



2) Raise the safety ladder inside the column (higher than the crossbeam), as shown in the diagram below, and push the column into the crossbeam in the direction of the arrow.

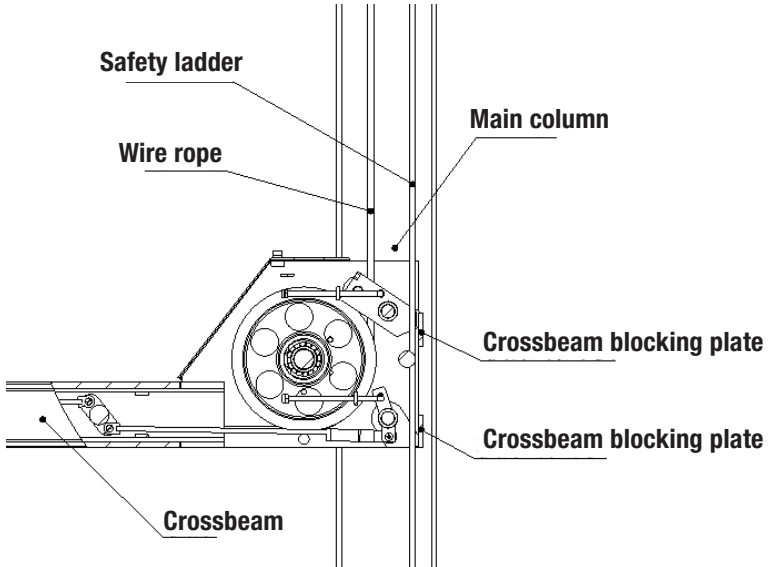


Model: GLIFTS004

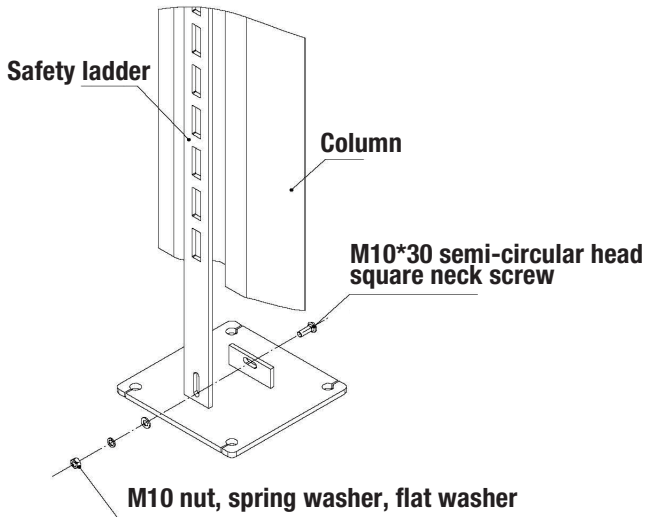
5TON FOUR POST PLATFORM LIFT

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3) Insert the safety ladder into the crossbeam by the inner side of the crossbeam blocking plates.



4) Secure the bottom of the safety ladder with a M10*30 semi-circular head square neck screw, spring washer, flat washer, and nut.

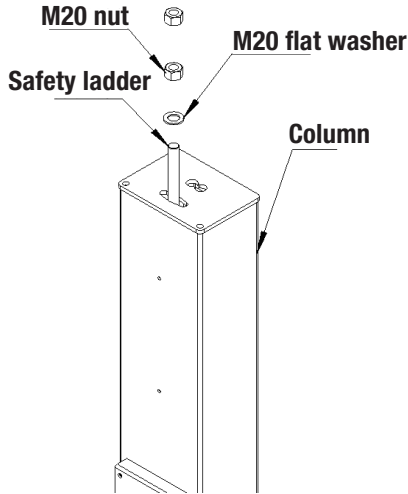


Model: GLIFTS004

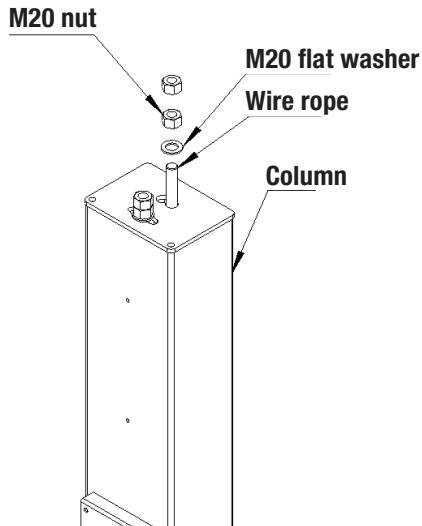
5TON FOUR POST PLATFORM LIFT

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5) Secure the safety ladder to the top of the column with a M20 flat washer and nut.



6) Pull out the wire ropes at both ends of the crossbeam and connect them to the top plate of the column, and secure them with M20 nuts and flat washers.

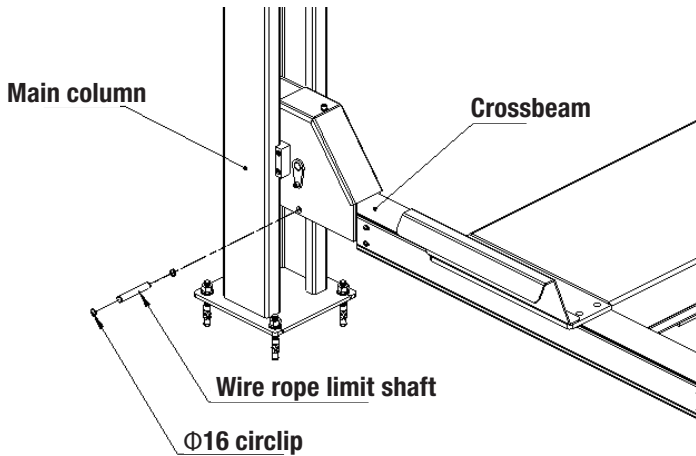


Model: GLIFTS004

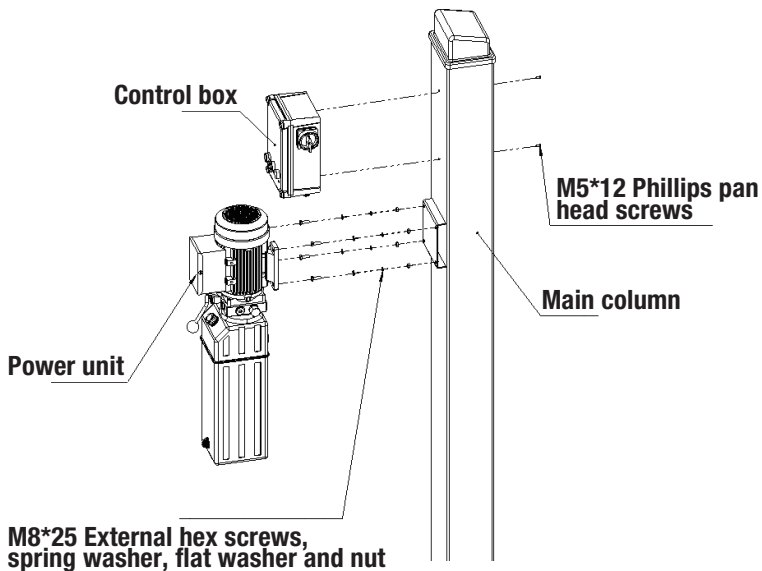
5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

Step 10: Assemble the wire rope limit shaft.



Step 11: Assemble the power unit and control box.

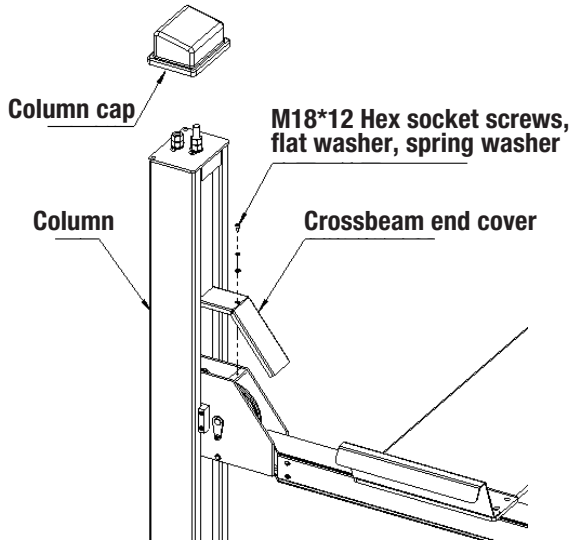


Model: GLIFTS004

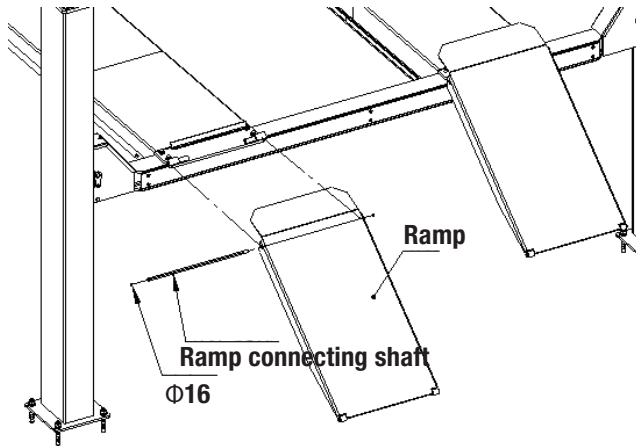
5TON FOUR POST PLATFORM LIFT

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Step 12: Assemble the column cap and crossbeam end cover.



Step 13: Assemble the ramps.

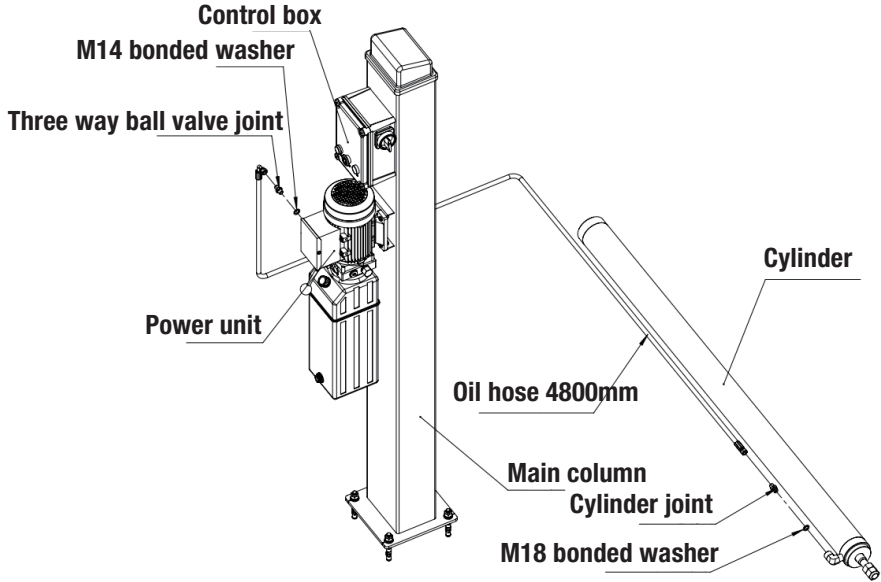


Model: GLIFTS004

5TON FOUR POST PLATFORM LIFT

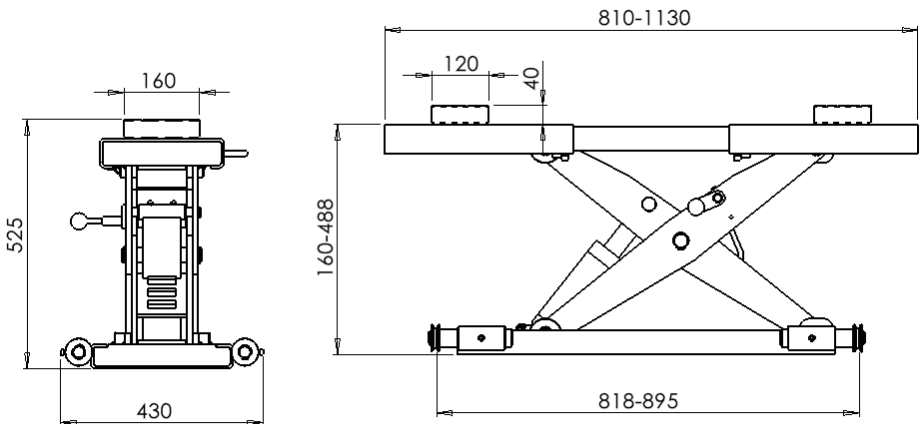
230V/50HZ/1PH/3KW

Step 14: Assemble the oil hose and joints.



Step 15: Assemble the secondary lifting machine-rolling jack.(Optional, not include and it needs to be purchased separately)

1)Dimension drawing as below:

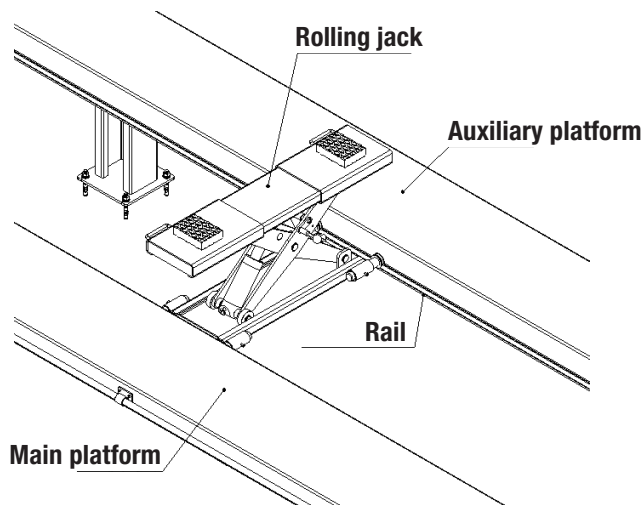


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2)Assembling of the rolling jack: Put the rolling jack onto the rail of platforms. The auxiliary platform is adjustable to adjust the distance of platforms based on different vehicles' maintenance needs. And the adjusting distance achieved by the rolling jack's extending, the range is: 818-928mm.

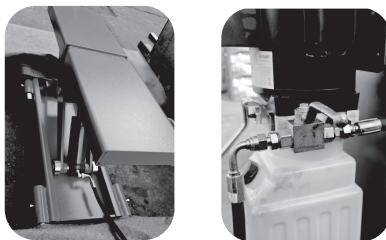


•AIR PUMP ROLLING JACK



Connect to the gas source
(such as an air compressor)

•HYDRAULIC ROLLING JACK FOR 5TON LIFT



Connect to the power unit

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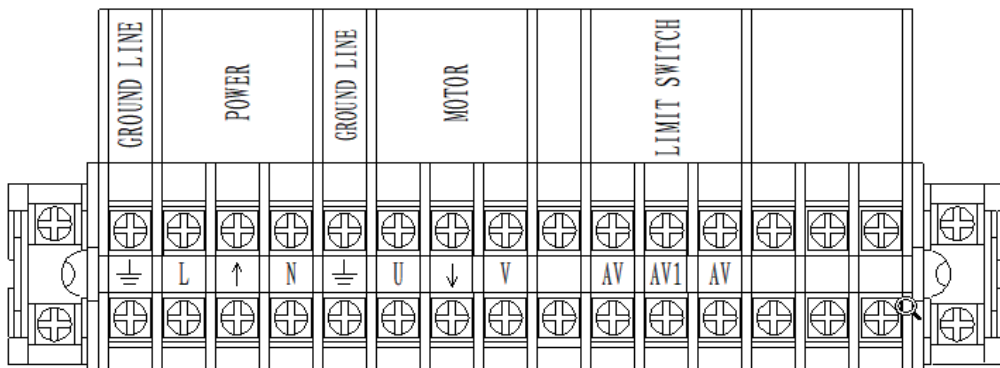
230V/50HZ/1PH/3KW

Step 16: Filling in the hydraulic oil.

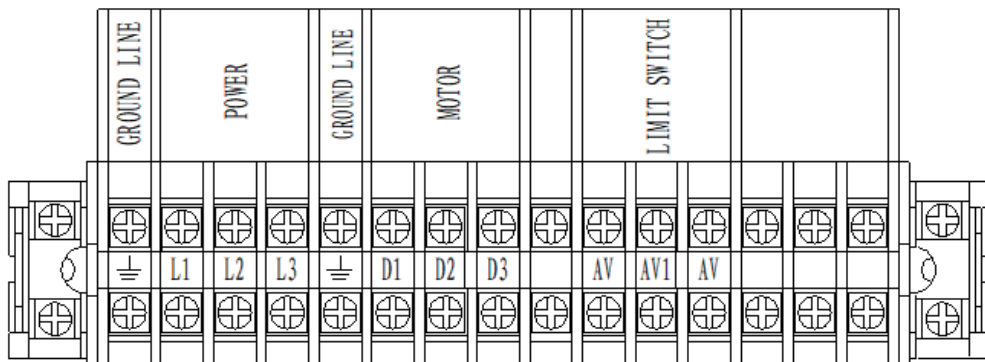
Note: When the actual temperature is above 18 degrees Celsius, it is recommended to use #46 anti-wear hydraulic oil; when the temperature is below 18 degrees Celsius, it is recommended to use #32 anti-wear hydraulic oil. The viscosity of the hydraulic oil largely determines the lifting speed of the lift.

The oil tank has a capacity of 12L and usually only needs to be filled to 80%.

Step 17: Connecting the power supply (Only electrical professionals permitted).



limit switch (230V, suitable for GLIFTS004)



limit switch (380V, NOT for GLIFTS004)

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230V/50HZ/1PH/3KW

Step 18: Synchronization (adjust the four points to be even) :please don't stop car on the lift while synchronizing.

A: Synchronization of the whole lift.

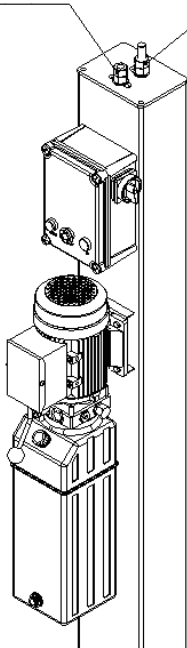
Turn on the main power switch on the control box, release the emergency stop switch, press the UP button, and after the wire rope is fully tightened, measure whether the distance from the ends of the two crossbeams to the base plate of the main and auxiliary columns is equal. If they are not equal, adjust the wire rope nuts at the top of the columns until the distance from the four ends of the two crossbeams to the base plate is consistent.

B: Synchronization of the safety.

Press the lock button to lower the lift until the safety mechanism is engaged. At this point, the wire rope is slack. Measure the distance from the ends of the two crossbeams to the base plate of the main and auxiliary columns. If they are not equal, adjust the safety ladder nut at the top of the column until the distance from the four ends of the two crossbeams to the base plate is consistent.

Adjust the safety ladder nut if uneven while locked

Adjust the wire rope nut if uneven while unlocked

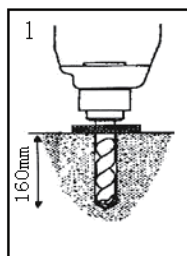


5TON FOUR POST PLATFORM LIFT

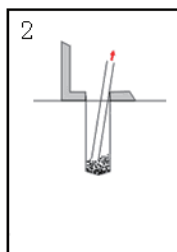
230V/50HZ/1PH/3KW

Step 19: Assemble the anchor bolts.

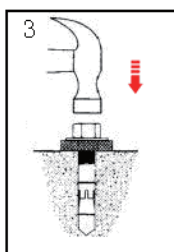
- 1) Use a hammer drill to drill holes for the expansion bolts, applying force vertically and ensuring the drill bit is not tilted.
- 2) After drilling, sweep away any dust, ensuring the base plate of the column is accurately positioned relative to other columns during drilling.
- 3) If the base plate requires shims to ensure levelness, insert appropriately sized shims. This will ensure the column is perpendicular to the ground after the expansion bolts are tightened. After inserting the shims, begin tightening the expansion anchor bolts.
4. Install the auxiliary columns following steps 1), 2), and 3).



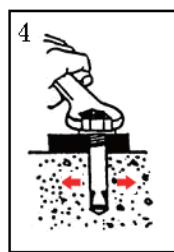
Drilling the hole



Sweep away the dust



Knock the expansion bolt



Tighten by wrench

⚠ Attention:

- The above steps are all installation steps of the four post lift.
- The manufacturer is committed to continuously improving product quality and updating technical specifications without prior notice.

4. Check notes after installation.

- Whether the column is perpendicular to the ground
- Whether the main and sub columns are parallel
- Whether the hoses are well connected
- Whether the steel cable are well connected
- Whether the lifting arms are installed in place
- Whether the electrical connections are correct
- Whether the other parts are fastening well
- Whether the necessary lubricating parts are well lubricated

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Appendix B:Parts List & Exploded Diagram

Enclosure 1 Packing list

No.	Figure No.	Name	Source	Qty.	Remarks
1	Non	Main platform	Assembly parts	1	
2	Non	Auxiliary platform	Assembly parts	1	
3	Non	Main column	Assembly parts	1	
4	Non	Auxiliary column	Assembly parts	3	
5	Non	Main crossbeam assembly	Assembly parts	1	
6	Non	Auxiliary crossbeam assembly	Assembly parts	1	
7	Non	Ramp	Assembly parts	2	
8	4SF-4000B-A-3000-17	Stop plate	Assembly parts	2	
9	Non	Power unit	Outsourcing	1	230V
10	Non	Control box		1	

Accessories box

No.	Figure No.	Name	Source	Qty.	Remarks
1	Non	M16*120 anchor bolts	Outsourcing	16	Galvanized
2	4SF-4000B-A-2000-24	Crossbeam ends cover	Outsourcing	4	
3	Non	M8*12 Hex socket screws	Standard	4	Galvanized
4	Non	M8 spring washer	Standard	8	Galvanized
5	Non	M8 flat washer	Standard	8	Galvanized
6	4SF-4000B-A-1000-04	Column cap	Outsourcing	4	
7	4SF-4000B-A-2000-21	Wire rope limit shaft	Outsourcing	4	Galvanized
8	Non	Φ16 circlip	Standard	8	
9	Non	M8*25 Hex socket screws	Standard	4	Galvanized
10	Non	M8 nut	Standard	4	Galvanized
11	Non	M12*20 external hex screws	Standard	4	Galvanized
12	Non	M12*25 external hex screws	Standard	8	Galvanized
13	Non	M12 spring washer	Standard	12	Galvanized
14	Non	M12 flat washer	Standard	12	Galvanized

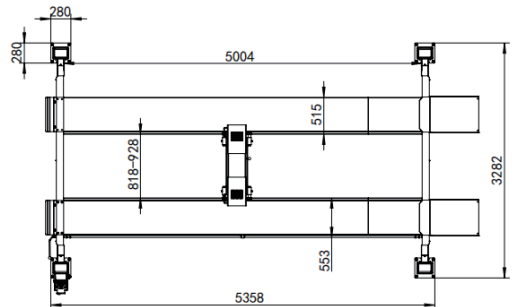
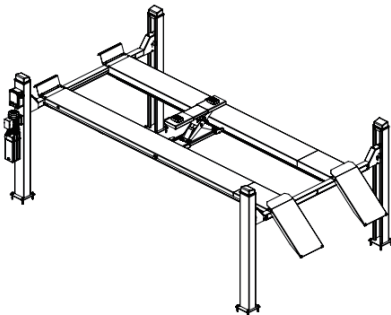
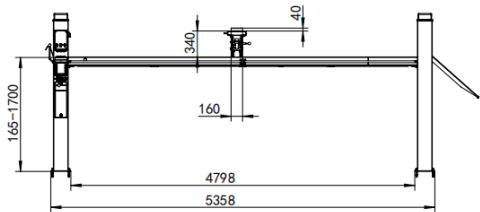
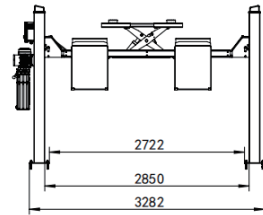
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15	4SF-4000B-A-6000-03	Cylinder joint	Outsourcing	1	Galvanized
16	4SF-4000C-K-3000-01	Rubber tire block	Outsourcing	4	
17	SF-E3500-A-10000-10	Square rubber pad	Outsourcing	2	
18	Non	24V control box	Outsourcing	1	
19	Non	M5*12 Phillips pan head screws	Outsourcing	2	Galvanized
20	SF-X2000-A-8000-02	Oil hose 6200mm on rolling jack	Outsourcing	1	
21	SF-X2000-A-8000-05	Motor joint	Outsourcing	1	Galvanized
22	SF-B4000-A-6000-09	Three way ball valve joint	Outsourcing	1	
23	Non	M14 bonded washer	Standard	1	
24	Non	manual		1	
25	Non	Limit Switch (8108)	outsourcing	1	

Enclosure 2: Dimension

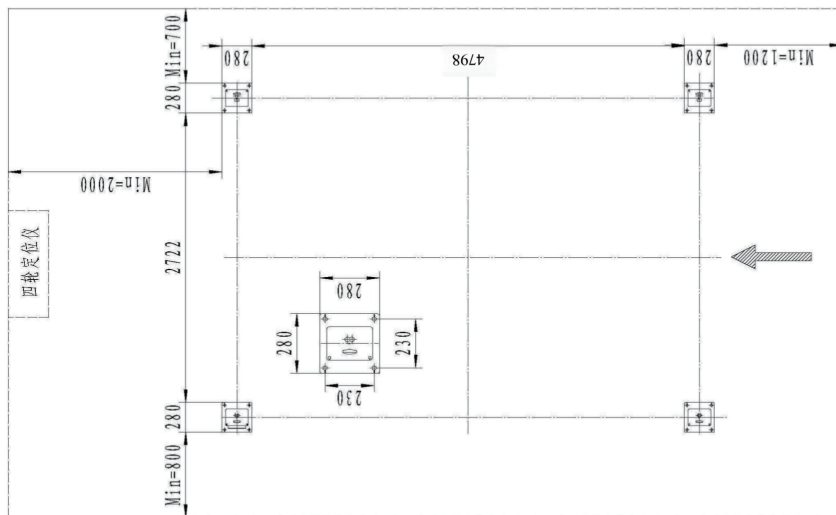


Model: GLIFTS004

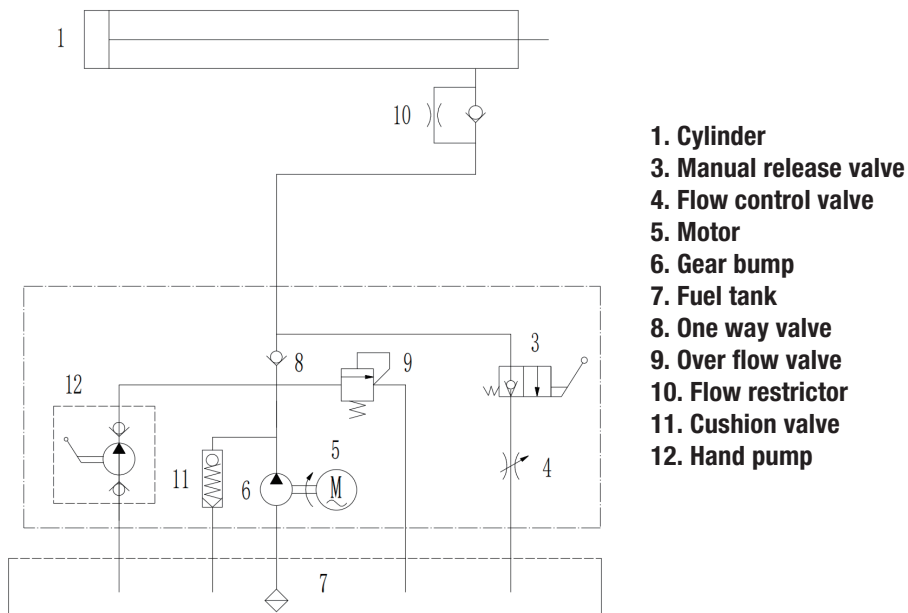
5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

Enclosure 3: Foundation installation drawing



Enclosure 4: Hydraulic schematic diagram

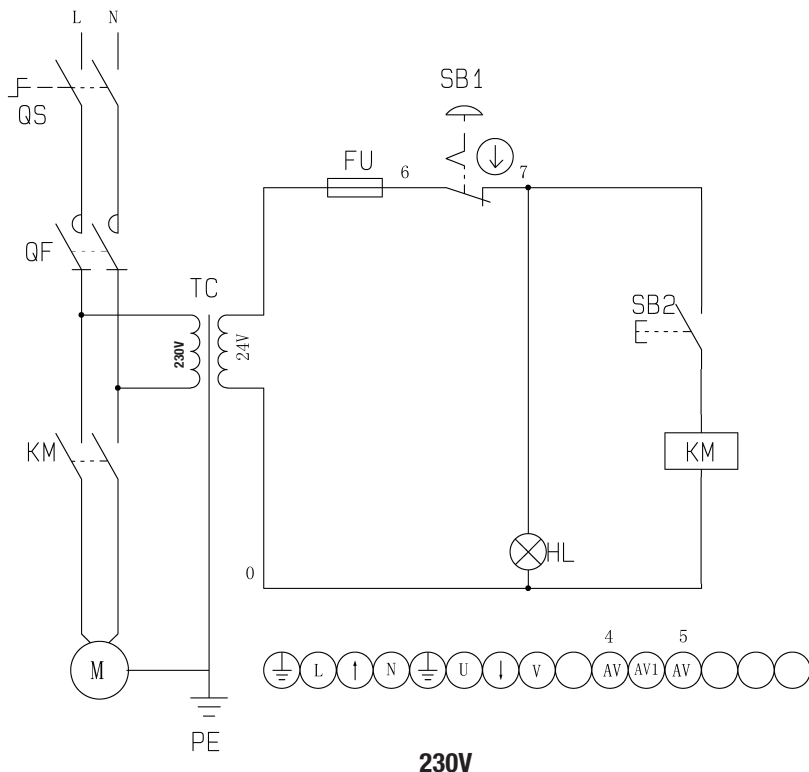


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Enclosure 5:Electrical schematic diagram



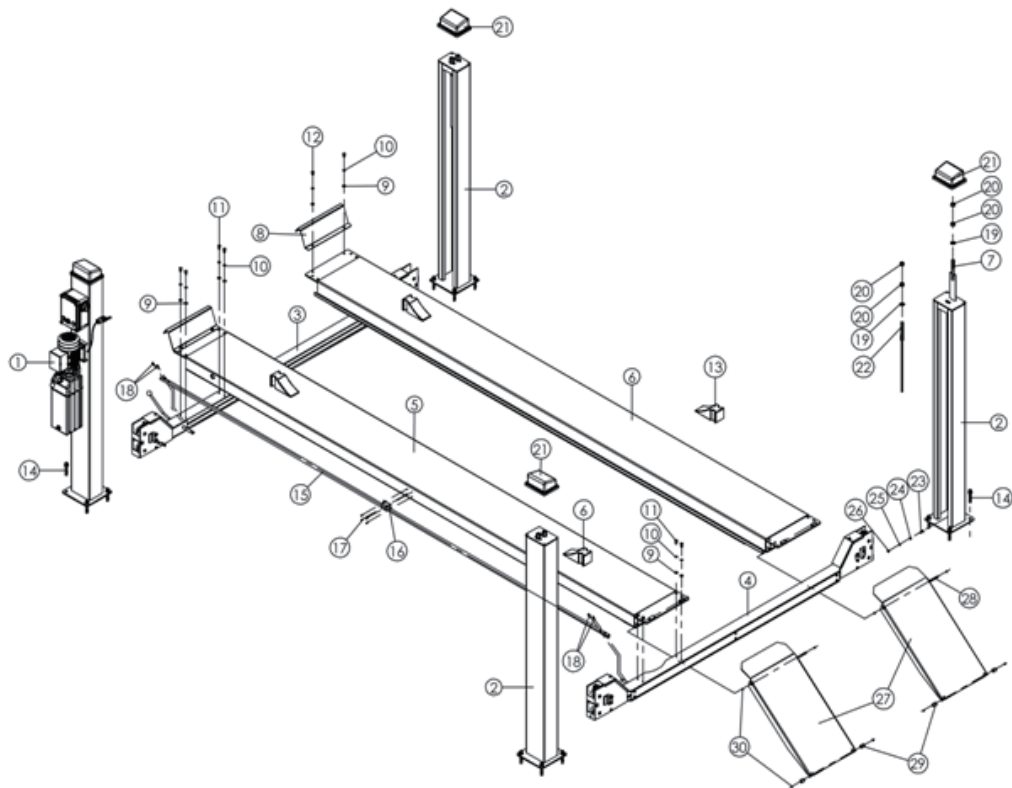
QS	Main Switch	QF	Fuse	KM	AC contactor	TC	Trans rormer
FU	Fuse	SB1	Emergency stop switch	SB2	UP button	HL	Indicator light

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Enclosure 6:General Assembly Exploded View



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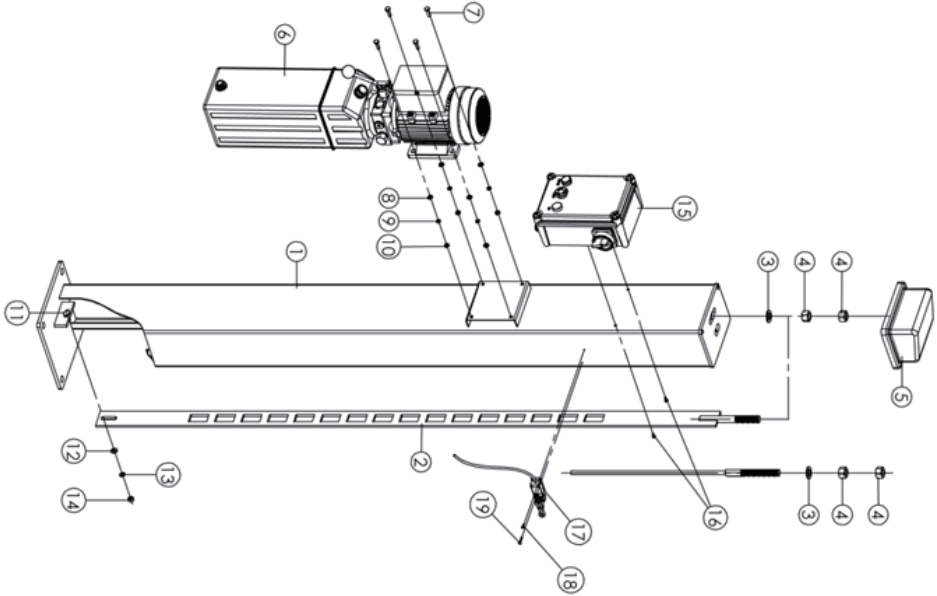
No.	Figure No.	Name	Qty	Remarks
1	SF-5000AP-B-01	Main column assembly parts	1	Assembly parts
2	SF04010034	Auxiliary column welding	3	Spray-coated parts
3	SF-5000AP-B-03	Main crossbeam assembly parts	1	Assembly parts
4	SF-5000AP-B-04	Auxiliary crossbeam assembly parts	1	Assembly parts
5	SF-5000AP-B-05	Main bridge plate assembly parts	1	Assembly parts
6	SF04010080	Auxiliary bridge plate assembly parts	1	Spray-coated parts
7	SF04010035	Safety locker welding	3	Spray-coated parts
8	SF04020124	Wheel stop plate	2	Spray-coated parts
9	SFB05012	M12 flat washer	12	Galvanized parts
10	SFB06012	M12 spring washer	12	Galvanized parts
11	SFB01012L25	M12*25 hexagon head screw	8	Galvanized parts
12	SFB01012L20	M12*20 hexagon head screw	4	Galvanized parts
13	SFA120058	Rubber wheel chock	4	Rubber
14	SFB11016L120	M16*120 anchor bolts	16	Galvanized parts
15	SF04020151	Safety drive rod	1	Galvanized parts
16	SF04010044	Drive rod fixing plate welding	1	Spray-coated parts
17	SFB02006L12	M6*12 Hexagon socket head cap screws	4	Galvanized parts
18	SFB02008L30	M8*30 Hexagon socket head cap screws	4	Galvanized parts
19	SFB05020	M20 Flat washer	6	Galvanized parts
20	SFB07020	M20 Nut	12	Galvanized parts
21	SFA120051	Column top cap	4	Plastic
22	SFA070028	13150mm cable	2	Galvanized parts
23	SFB30010L30	M10*30 Round head square neck screw	3	Galvanized parts
24	SFB05010	M10 Flat washer	3	Galvanized parts
25	SFB06010	M10 Spring washer	3	Galvanized parts
26	SFB07010	M10 Nut	3	Galvanized parts
27	SF04010071	Ramps welding	2	Spray-coated parts
28	SFA080338	Connecting axle for ramps	2	Spray-coated parts
29	SFA080339	Rollers for ramps	4	Spray-coated parts
30	SFB09012	Ø12 Wild card	8	Spray-coated parts

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Enclosure 7: Exploded View of Main Column Assembly



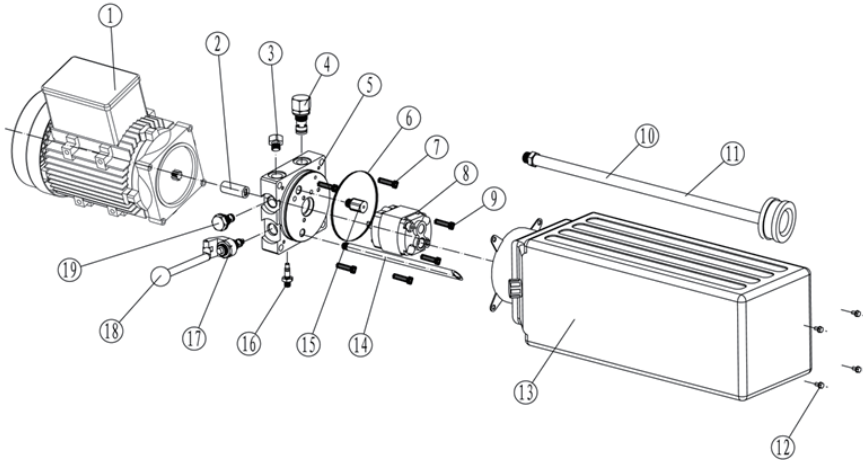
No.	Figure No	Name	Qty	Remark
1	SF04010117	Main column welding	1	Spray-coated parts
2	SF04010035	Safety locker welding	1	Spray-coated parts
3	SFB05020	M20 Flat washer	2	Galvanized parts
4	SFB07020	M20 Nut	4	Galvanized parts
5	SFA120051	Column top cap	1	Black plastic
6	SFA01-01B-15	12L Power unit	1	
7	SFB01008L25	M8*25 Hexagon socket head cap screws	4	Galvanized parts
8	SFB05008	M8 Flat washer	4	Galvanized parts
9	SFB06008	M8 Spring washer	4	Galvanized parts
10	SFB07008	M8 Nut	4	Galvanized parts
11	SFB30010L30	M10*30 Round head square neck screw	1	Galvanized parts
12	SFB05010	M10 Flat washer	1	Galvanized parts
13	SFB06010	M10 Spring washer	1	Galvanized parts
14	SFB07010	M10 Nut	1	Galvanized parts
15	SFA02-02AA-02	24V Control box	1	Optional
16	SFB04005L12	M5*12 Phillips pan head screw	2	Galvanized parts (Optional)
17	SFA020000D47	Limit switch	1	Optional
18	SFB04004L12	M4*12 Phillips pan head screw	1	Galvanized parts (Optional)
19	SFB04004L25	M4*25 Phillips pan head screw	1	Galvanized parts (Optional)

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Enclosure 8:12L Power unit



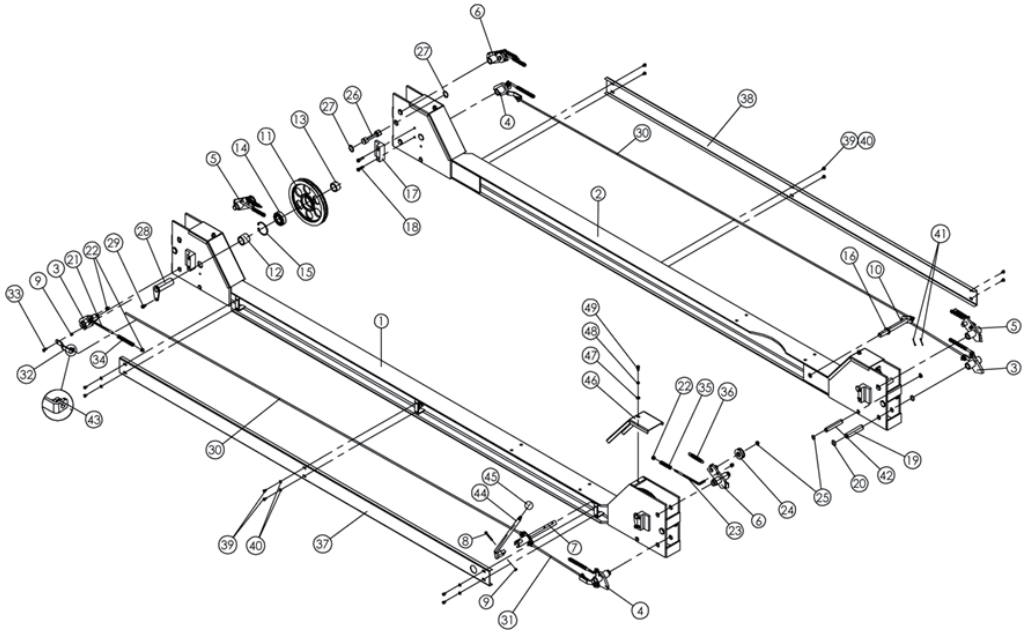
No.	Figure No	Name	Specification	Qty	Remark
1A	SFI02B-025-DF	220V motor	220V/50HZ/3K W/1PH	1	Iron or Alu
1B	SFI02B-026-DF	380V motor	380V/50HZ/3K W/3PH	1	as per choice
2	SFI02H0001-DF	Coupling	(DF)	1	9-tooth spline coupling
3	SFA060036	Cylinder blind plug	M14*1.5	1	
4	SFI02G0001-DF	Relief valve	(DF)	1	
5	SFI02R0002-DF	Power unit valve plate	(DF)	1	
6	SFI02N0001-DF	O-ring for valve plate	109*5.3	1	Rubber
7	SFB02006L20	Hexagon socket head cap screws	M6*20	4	Galvanized parts
8A	SFI02O0001-DF	4T, 220V Gear pump	CBK -F 2.1F	1	As per choice
8B	SFI02O0002-DF	4T, 380V Gear pump	CBK -F 2.5F	1	
9	SFB02008L75	Hexagon socket head cap screws	M8*75	4	Galvanized parts
10	SFI02V-0002-DF-12L	Oil return hose	12L	1	
11	SFI02S0002-DF	Oil drum filter screen	(DF)	1	
12	SFB01006L12	hexagon head screw	M6*12	4	Galvanized parts
13	SFI03-SL-DF-12L	Plastic tank	12L	1	
14	SFI02J0001-DF-12L	Oil return hose	12L	1	
15	SFI02U-0002-DF	Buffer valve	(DF)	1	
16	SFI02R0002-DF	Flow control valve	(DF)	1	
17	SFI02F0002-DF	Manual unloading valve	(DF)	1	
18	SFI02Q0002	Handle	(DF)	1	
19	SFI02C-001-DF	One-way valve	(DF)	1	

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230V/50HZ/1PH/3KW

Enclosure 9:Explosion for cross beam



No.	Figure No	Name	Qty	Remark
1	SF04010036	Main crossbeam welding	1	Spray-coated parts
2	SF04010037	Auxiliary crossbeam welding	1	Spray-coated parts
3	SFA080306	Main safety welding A	2	Galvanized parts
4	SFA080307	Main safety welding B	2	Galvanized parts
5	SFA080308	Welding of rope breakage safety lock A	2	Galvanized parts
6	SFA080309	Welding of rope breakage safety lock B	2	Galvanized parts
7	SFA080310	Welding of the safety connecting shaft for main crossbeam	1	Galvanized parts
8	SFB02006L40	M6*40 Hexagon socket head cap screws	1	Galvanized parts
9	SFB07006B	M6 Lock nut	5	Galvanized parts
10	SFA080311	Welding of the safety connecting shaft for auxiliary crossbeam	1	Galvanized parts
11	SFA080313	Single-sheave rope wheel	4	Castings
12	SFA080314	Rope wheel spacer sleeve 1	4	Galvanized parts
13	SFA080315	Rope wheel spacer sleeve 2	4	Galvanized parts
14	SFB21-6206	Shaft 6206	4	
15	SFB10062	Circlip 62	4	Black oxide finish parts

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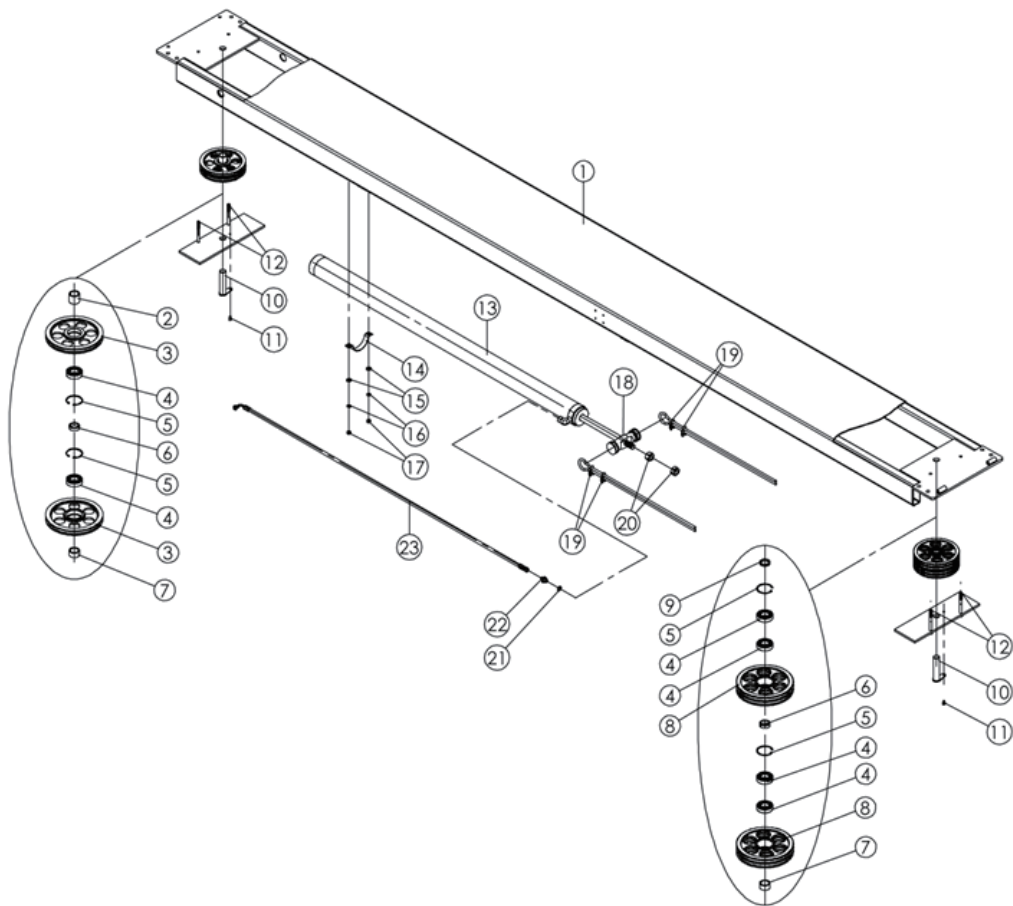
No.	Figure No	Name	Qty	Remark
16	SFA080316	Safety handle spacer sleeve	2	Galvanized parts
17	SFA090020	Slider for crossbeam end	8	White-coated component
18	SFB02008L25	M8*25 Hexagon socket head cap screws	17	Galvanized parts
19	SFA080317	Safety shaft	8	Galvanized parts
20	SFB09019	Ø19	16	Black oxide finish parts
21	SFA080318	Main safety spring pull rod	4	Galvanized parts
22	SFB07008B	M8 Lock nut	8	Galvanized parts
23	SFA080319	Rope breakage safety spring pull rod	4	Galvanized parts
24	SFA080320	Rope breakage safety small shaft wheel	4	Galvanized parts
25	SFB09016	Ø 16 External circlip	12	Black oxide finish parts
26	SFA080321	Safety lock limited shaft	4	Galvanized parts
27	SFB09025	Ø25 External circlip	8	Black oxide finish parts
28	SFA080322	Welding of crossbeam rope wheel shaft	4	Galvanized parts
29	SFB02008L12	M8*12 Hexagon socket head cap screws	4	Galvanized parts
30	SFA080323	Welding of long unlocking pull rod	2	Galvanized parts
31	SFA080324	Welding of short unlocking pull rod	2	Galvanized parts
32	SF04020097	Safety connecting plate	5	Spray-coated parts
33	SFB04006L20	M6*20 Phillips pan head screw	4	Galvanized parts
34	SFA130016	Spring for main safety lock	4	Black oxide finish parts
35	SFA130017	Compression spring for rope breakage	4	Black oxide finish parts
36	SFA130012	Tension spring for rope breakage	4	Black oxide finish parts
37	SF04020099	Cover for auxiliary crossbeam	1	Spray-coated parts
38	SF04020100	Cover for auxiliary crossbeam	1	Spray-coated parts
39	SFB04006L10	M6*10 Phillips pan head screw	12	Galvanized parts
40	SFB05006	M6 Flat washer	12	Galvanized parts
41	SFB13002.5L28	Ø2.5*28 Cotter pin	8	Galvanized parts
42	SFA080325	Wire rope limit shaft	4	Galvanized parts
43	SFB07008	M8 Nut	8	Galvanized parts
44	SFA080312	Safety handle welding	1	Galvanized parts
45	SFA120019	Bakelite ball	1	black
46	SFA080326	Crossbeam end cover	4	Spray-coated parts
47	SFB02008L12	M8*12 Hexagon socket head cap screws	4	Galvanized parts
48	SFB05008	M8 Flat washer	5	Galvanized parts
49	SFB06008	M8 Spring washer	5	Galvanized parts

Model: GLIFTS004

5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

Enclosure 10:Explosion for main bridge assembly



Model: GLIFTS004

5TON FOUR POST PLATFORM LIFT

230V/50HZ/1PH/3KW

No.	Figure No	Name	Qty	Remark
1	SF04010079	Welding of main bridge	1	Spray-coated parts
2	SFA080314	Rope wheel spacer sleeve	1	Galvanized parts
3	SFA080313	Single-Sheave Wire Rope Pulley	2	Castings
4	SFB21-6206	Shaft 6206	5	
5	SFB10062	Circlip 62	4	Black oxide finish part
6	SFA080333	Bridge spacer sleeve	2	Galvanized parts
7	SFA080315	Rope wheel spacer sleeve 2	2	Galvanized parts
8	SFA080330	Double-Sheave Wire Rope Pulley for Bridge Plate	2	Cast parts
9	SFA080332	Bridge spacer sleeve	1	Galvanized parts
10	SFA080374	Welding of bridge rope wheel shaft	2	Galvanized parts
11	SFB02008L12	M8*12 Hexagon socket head cap screws	2	Galvanized parts
12	SFB01012L130	M12*130 hexagon head screw	4	Galvanized parts
13	SFA040031	Oil cylinder	1	Assembly parts
14	SF04020165	Oil cylinder fixing ring	1	Spray-coated parts
15	SFB05012	M12 Flat washer	2	Galvanized parts
16	SFB06012	M12 Spring washer	2	Galvanized parts
17	SFB07012	M12 Nut	2	Galvanized parts
18	SFA080335	Wire rope fastener	1	Galvanized parts
19	SFB22002	M12 U type Wire rope clip	4	Galvanized parts
20	SFB07024	M24 Nut (M24*1.5)	2	Galvanized parts
21	SFB14018	M18 Combination gasket	1	
22	SFA060026	Cylinder connector	1	Galvanized parts
23	SFA050061	4800mm hose for main lift	1	

**DANGER! Read all safety regulations and instructions.
Keep all safety regulations and instructions in a safe
place for future use.**

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