

QJY-S1

Pneumatic Motorcycle scissor lift

Original Operating Manual



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1 Safety

Introduction

Thoroughly read this manual before operating the lift and comply with the instructions. Always display the manual in a conspicuous location.

Personal injury and property damage incurred due to non-compliance with these safety instructions are not covered by the product liability regulations.

Symbols



Failure to comply with instructions could result in personal injury



Failure to comply with instructions could result in property damage Important information

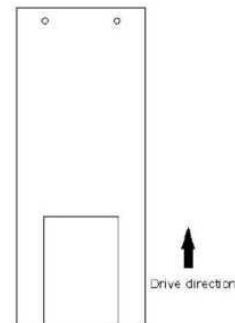


Intended Use

The lift is designed for the safe lifting of motorcycle. Observe the rated load capacity and load distribution of the lift.

QJY-S1	Load capacity	Load distribution	
		Front	Rear
		Minimum	Maximum
	500kg	3:2	2:3

In principle, the lift is designed for one approach directions.



Safety Instructions for Commissioning

The lift may be installed and commissioned by authorized service personnel only.

The standard lift version may not be installed and commissioned in the vicinity of explosives or flammable liquids, outdoors or in moist rooms (e.g. car wash).

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1.5 Safety Instructions for Operation

Read the operating manual.

Lift operation by authorized personnel over 18 years only.

Always keep the lift and lift area clean and free of tools, parts, debris etc.

Make sure the vehicle are closed during raising and lowering cycles.

Closely watch the vehicle and the lift during raising and lowering cycles.

Do not allow anyone to stay in lift area during raising and lowering cycles.

Do not allow anyone on lift or inside raised vehicle.

Only use the lift for its intended purpose.

Comply with the applicable accident prevention regulations.

Do not overload the lift. The rated load capacity is indicated on the lift nameplate.

Only use the vehicle manufacturer's recommended lift points.

After positioning the vehicle apply the parking brake.

Use caution when removing or installing heavy components (center-of-gravity displacement).

1.6 Safety Instructions for Servicing

Maintenance or repair work by authorized service personnel only.

Turn off and padlock the main switch before doing any maintenance, or repair work.

Ensure that ecologically harmful substances are disposed of only in accordance with the appropriate regulations.

Do not use high pressure/steam jet cleaners or caustic cleaning agents. Risk of damage! Do not replace or override the safety devices.

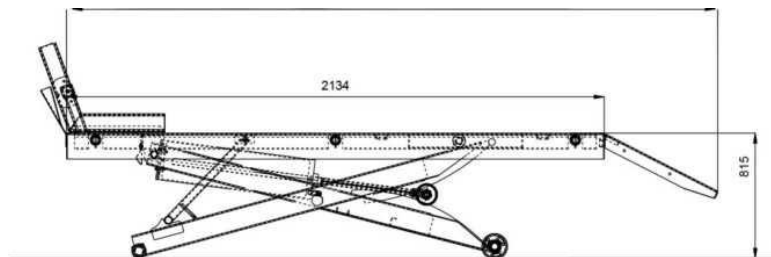
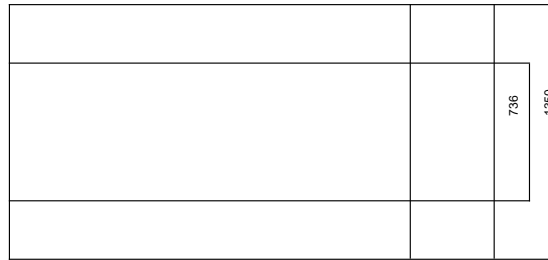
2 Production information 2.1 Specifications



The properties indicated apply to lifts running at operating temperature (-10~40°C).

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Raising/lowering time	Approx. 30s
Max. lifting height	815mm
Platform length	2134mm
Platform width	1350mm
Load capacity	500kg
Net weight	308kg
Air pressure	0.8-1.2MPa
Noise	<70dB(A)



Specifications are subject to change without notice.

3. Packing, transport and storage



Only skilled personnel who are familiar with the lift and this manual shall be allowed to carry out packing, lifting, handling, transport and unpacking operations.

3.1 Packing

For transport easily, the package are bolted together with belt and control unit is packed into a plywood case.

3.2 Lifting and handling

When loading/unloading or transporting the equipment to the site, be sure to use suitable loading (e.g. cranes, trucks) and hoisting means. Be sure also to hoist and transport the components securely so that they cannot drop, taking into consideration the package's size, weight and centre of gravity and it's fragile parts.

3.3 Storage and stacking of packages

Packages must be stored in a covered place, out of direct sunlight and in low humidity, at a temperature between -10°C and +40°C.

3.4 Delivery and check of packages

When the lift is delivered, check for possible damages due to transport and storage; verify that what is specified in the manufacturer's confirmation of order is included. In case of damage in transit, the customer must immediately inform the carrier of the problem.

Packages must be opened paying attention not to cause damage to people (keep a safe distance when opening straps) and parts of the lift (be careful the objects do not drop from the package when opening).

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4 Installation

Only skilled technicians must be allowed to carry out installation. Serious damage to people or lift can be caused by incorrect installations.

Space required

The lift must be settled down on a level concrete floor.

Installation steps



The machine will assembled shipment, so the installation work simply.

1. Take out the machine from the packing and place it on the ground, then connect the air tube.
2. Adjust the machine: press “UP” pedal to raise the lift 100~200mm, then press “DOWN” pedal return to the original position. Redo it for 4~5 times, and add the height 100~200mm each time. That can be use if it runs normally.

5 Operation



Lift operation by authorized personnel over 18 years only.

Apply the parking brake after positioning the vehicle on the lift.

Do not allow anyone to stay in lift area during raising and lowering cycles. Closely watch the motorcycle and the lift during raising and lowering cycles. Observe the rated load capacity and load distribution.



In case of defects or malfunctions such as jerky lift movement or deformation of the superstructure, support or lower the lift immediately.

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5.1 Operation

5.1.1 Preparations

1. Fully lower the lift.



2. Slowly position motorcycle on the platform, apply the parking brake.
3. Put down the support of motorcycle to stick on the platform.
4. Leave motorcycle and remain clear of lift.

5.1.2 Raising



During raising and lowering cycles: Closely watch the motorcycle and the lift, do not allow anyone to stay in lift area.

Connect and check air power supply.

The lift is ready for operation.

Press and hold foot pedal(pic.2) until lift reaches desired height, the lift stops once pedal is released(pic.1).



RELEASE (pic. 1)

UP (pic.2)



LOCKED (pic. 2)

5.1.3 Vehicle in Raised Position

Observe all accident prevention regulations.

Do not allow unauthorized persons to stay under the raised motorcycle.

Avoid rocking of motorcycle.

Keep lift free of tools, parts, etc.

Fasten the motorcycle to the platform using lashing straps when removing or installing heavy components.

5.1.4 Set on Locks

Use the lock pin to set the lift on the mechanical locks.

In this way the vehicle can be securely fixed when the motorcycle at the top raised position.



1.5 Lowering

During raising and lowering cycles: Closely watch the motorcycle and the lift, do not allow anyone to stay in lift area.

1. Remove tools, stands or other objects from lift bay.
2. The lift is ready for operation.
3. If the safety latch is in the engaged position, briefly raise the lift before lowering.
4. Raise the safety latch to disengage it from the mechanical safety catch.



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5. Press and hold foot pedal(pic.2)until lift reaches desired height, the lift stops once pedal is released.



RELEASE (pic. 1)



UP (pic.2)

6. To lower the platform completely, release the pedal(pic.1).



Maintenance

Authorized personnel only!



The maintenance intervals indicated below apply to average workshop use. The lift should be inspected more frequently for severe use applications

Maintenance schedule

Establish a periodic preventive maintenance procedure to ensure trouble free operation and long service life.

Interval	Maintenance to be performed on	Items
1 week	Support air cylinder/lifting facility	• Check clamp restraints for engagement and mechanical lock
6 months	Greasing points	Check and lubricate as required: • Shaft point
12 months	Pneumatic system	Check F.R.L. Clean the filter and air hose/pipe. Check tightness of hoses and fittings.

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Cleaning

Do not use high pressure/steam jet cleaners or caustic cleaning agents.

Risk of damage!

- Periodically wash off aggressive substances and treat the lift with oil or wax spray.
- Repair damage to the paintwork immediately to prevent corrosion. The RAL number is available through the manufacturer.

7 Troubleshooting

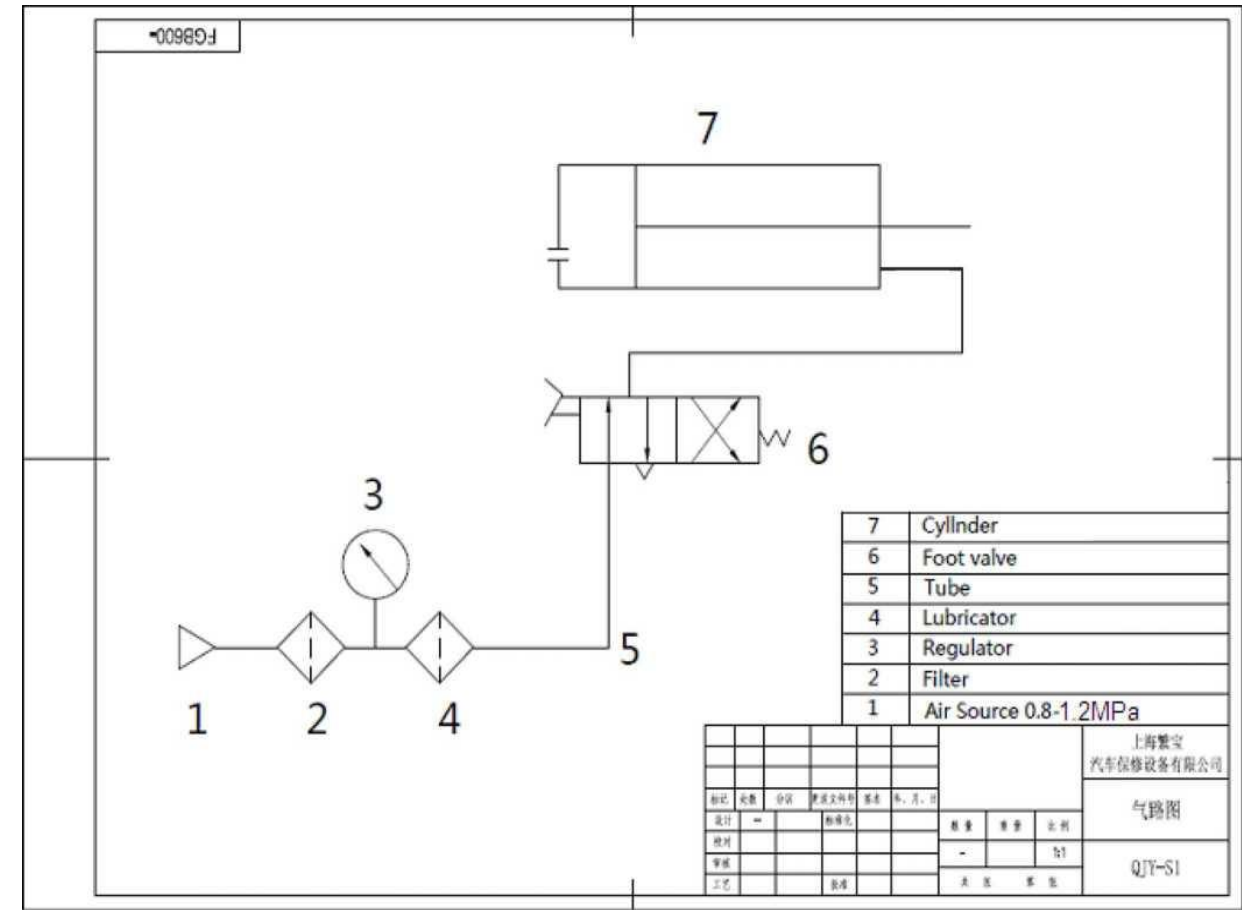
Trouble	Diagnosis	Remedy
The lift cannot actuated or raise speed is slow	Air seal hole is leak	Change the seal ring
	Air pressure is not enough	Check the air power supply
Shake in the running	Filtrate net is jam	Clean it
The lift cannot lower	Valve blocked	Check or change valve
	Descending valve unopened	Check or change valve
Air leak	Loose tie-in	Screw the tie-in
	Mangled air seal on tie-in	Change air seal

8 Disposal

No hazardous materials are used.

9 Attached drawings

Pneumatic drawing



10. EC Declaration

Declaration of Conformity

The equipment which accompanies this declaration is in conformity with EU Directive[^]):
2006/42/EC Machinery Directive

Manufacturer:

Name: Shanghai Fanbao Auto Maintenance Equipment Co., Ltd.
Address: No. 1899, Xupan Road, Jiading District, Shanghai City, 201809, P.R. China
Tel: +86-21-59949570/59945850 Fax: +86-21-59949566
Internet: www.shfanbao.com E-mail: webmaster@shfanbao.com

A copy of the Technical file for this equipment is available from:
CCQS UK Ltd., Level 7, Westgate House, Westgate Rd., London W5 1YY UK

Description of Equipment:

QJY-S1, capacity 500kg, pneumatic powered motorcycle scissor lift, manual safety catches.

For MD Annex IV machinery:

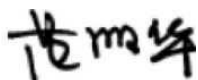
A sample of this machinery has been presented to Notified Body number 1105 CCQS UK Ltd.,
Level 7, Westgate House, Westgate Rd., London W5 1YY UK.

Who have issued an EC type-examination certificate Number CE-C-0725-11-53-08-5A dated
2011.11.

The equipment in respect of which this declaration is made conforms to the example to which that
certificate relates, and that certificate remains valid.

The following harmonized standards have been used:
EN1493:2010 Vehicle Lifts

Authorized signatory of manufacturer:



Signature:

Position in company: General Manager

Date signed: 2011-11

Name of signatory: Fan Minghua Place
signed: Shanghai City, PR.China