

Trolley Jack 50T/25T Air Hydraulic Jack



Information

- Capacity: 50T/25T.
- Lifting Height:
50T: 288mm.
25T: 380 mm.
- Working Pressure 116-174 psi.
- Minimum height: 190mm. Maximum height: 380mm. Extension height: 35+60mm.

Safety First

- Only operate if trained to do so.
- Read these instructions carefully and retain for future reference.
- Ensure the vehicle is properly supported with the wheels secured, in line with manufacturer's guidelines.
- Wear safety apparel while operating and keep hands away from moving parts.



Wear Safety Gloves



Wear Safety Glasses



Read Instructions

Safety and Precaution

- The trolley jack is a lifting tool and not for support.
- Use on level ground only. The supporter should not tilt, otherwise it will result in cylinder scoring.
- A good pad must be used when lifting the vehicle wheels to avoid movement.
- Do NOT overload beyond its capacity.
- Do NOT work under vehicles with low security support.
- Do NOT place the jack with its side on the ground.
- Work environment must be dry, clean and clear of any corrosive substances.

WARNING: Do NOT let the switch handle shift upwards to continue working while the jack is not loaded and lifted to the highest position. Otherwise, it will deform or crack the cylinder and base, causing abnormal landing and danger due to over-pressure.

Information

- This jack is a new kind of lifting equipment. Using compressed air as power, it employs the hydraulic oil pressure to make the oil cylinder telescopic.
- Lightweight, low labour intensity, lifting speed, and large lifting tonnage (25T, 380m and 50T, 288m).
- Ideal for HGVs, tractor plant, aviation and many other lifting maintenance.
- Only applicable for horizontal or vertical use.
- The two adaptors supplied have a 64mm diameter. The top adaptor has a height of 60mm, and the bottom adaptor has a height of 30mm. Insert an adaptor into the telescopic cylinder to increase the lifting height if needed.
- Works in -20 to +60 °C.

Instructions

Step 1

- The pole can be adjusted from a vertical 90 degree angle to 45 degrees tilted.

Step 2

- Use a good air source. Air pressure should remain between 0.8 to 1.2 Mpa (116-174 psi).
- Find the centre of the object, select the right focus, and put it flat on the ground. Put hardwood or iron plate if necessary. Do NOT place it on any hydraulic platform.

Step 3

- Depending on the task needed, turn the distribution switch on the third gear. The lever should be pulled to the middle position when the vehicle has reached the hoisting height and when it is not in use.
- The height should be increased each time depending on different models.
- Do NOT proceed until the safety bracket has been put into place when the body rises.
- The jack cannot automatically land unless the gas source is switched on.
- The jack should use pneumatic hydraulic jack for oil or a variation of hydraulic oil. The oil must be clean or it will not meet lifting purposes.

Troubleshooting

Problem	Reason	Solution
Oil burst at the bottom during the first use	The hydraulic oil in the tilted oil tank has transferred to the power booster pump in the assembly and transport process.	Do NOT tilt the jack. In a few days, this problem will gradually disappear.
Oil cylinder cannot meet the lifting height, and the cylinder shoots when it is lifted empty	The lack of oil in the tank allows air into the tank.	Add the hydraulic oil. Special hydraulic oil must be used.

Troubleshooting

Oil cylinder works slowly or does not work	Hydraulic oil is not appropriate, or the rubber tubing is folded. Pump body at the top of the steel ball is stuck or dirty.	Replace the hydraulic oil, check the tubing, clean the ball and assemble again.
Sound of a leak or failure of booster pump	The piston nylon or rubber ring are broken.	Replace the rubber ring with nylon parts.
Automatic landing when lifting	The bead on the side of the block leaks oil.	Clean up and install again or replace the switch.
Oil cylinder does not fall after it rises	Low air pressure or the intake pipe (oil pipe) is folded.	Increase the pressure and fix the line.

Warranty

Limited 12 month warranty from date of purchase. If you are unsure on how to use the item please contact us. If it were to fail due to a manufacturing fault or poor workmanship we will repair or replace it. Please contact your local dealer in the event you need to send the item back. You can also make a repair/replacement request on our website and download & complete the form online. Normal wear and tear along with misuse will void any warranty. Consumables are not covered under warranty.

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