

Portable Air Jacks

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» Portable Air Jacks—A Quick, Solid Solution for Lifting Needs

- Internal stabilizing cylinder ensuring secure, solid positioning.
- Suggested that working pressure is between 3.5~5.5KG/CM²
- Using neoprene material to maintain product life of at least five years.
- Air operated, easy to use and light to lift.
- Air bags are all tested by Bursting Strength up to 17 KG/CM², and the fatigue life persists up to one million cycles without failure
- Different assembly technology compared to traditional combination.

Patent no M436667 M436668

YS-3-250VA



Before Inflation
Min height: 150mm



After Inflation
Min height: 410mm

Patent : China ZL2012 Z0174210.9

YS-2-250VA



Before Inflation
Min height: 134mm



After Inflation
Min height: 335mm

Patent : China ZL2012 Z0192732.1

YS-1-250VA



Before Inflation
Min height: 102mm



After Inflation
Min height: 202mm

Three sizes of handle length provided

The length of A type : 850 MM ; The length of B type: 560 MM ; The length of C type: 205 MM

» Relationship between Working pressure, Length and its Loadings

Kgf (Loads)	Spec Height	YS-3-250VA			YS-2-250VA			YS-1-250VA		
		387mm	357mm	327mm	325mm	305mm	270mm	192mm	160mm	130mm
5.0		820	1050	1160	445	680	1050	875	1434	1700
4.5		726	930	1060	350	570	920	810	1330	1546

» **Warranty** One-year limited warranty, Warranty service for eligible repairs is available at no charge for twelve months from the date of original retail purchase.

» **After-sales service** The product can be exchanged within seven days if it is faulty when delivered.

» To operate the YA-AIR air jacks:

1. Position vehicle on only solid flat surface and engage its parking brake.
2. **Chock** vehicles front and rear wheels.
3. **Use the air hose on handle assembly to elevate structural component to desired height.**
4. To deflate the air jack, remove the air hose from the air jack.
5. Do not exceed rated capacity and do not over inflate.

» WARNING To avoid crushing and related injuries Read carefully before use

1. Never work on, under or around a load supported only by air jack.
2. Visually inspect air jack prior to each use. Do not use if scars, abrasions, rips or punctures are detected in the air bag.
3. Burst air pressure : Over 17 KG/CM², 235 PSI (16.3 Bar) • Maximum load : 2 ton (1800kg).
Operating Pressure : 3.5~5.5 kgf/cm²
4. void contact with petroleum based products or chemicals of any kind.
5. Avoid sharp objects that may puncture air bag.
6. Failure to heed these precautions may result in personal injury or property damage.



Taiwan Patent: M334845
China Patent Pending

YS-280-2V		(Adjustable)
Height	135~312mm (5.3"~12.3") / 165~342mm (6.5"~13.5")	
Recommended Capacity	2000 kg/4400 lbs	
Max. Capacity	2500kg/5510 lbs	
Net Weight	6.8 kg /15 lbs	
Gross Weight	7.3 kg /16 lbs	
Lifting Time	3~5 (Sec)	
Air Pressure	≤ 5 (kg/cm ²)	
Air Pressure	≤ 70 Psi/ 4.86 Bar	
Packing Dimension (L*W*H)	350*350*200 (mm); 12" * 12" * 6" (inch)	

» Operating Instructions

Sample car / Mercedes-Benz E-Class

- Optional Accessories: include a three inch and a four inch extension for increasing the raised height.



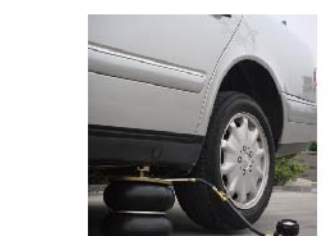
1. Choose a suitable a jack that is rated at least 80% of the laden weight of the vehicle



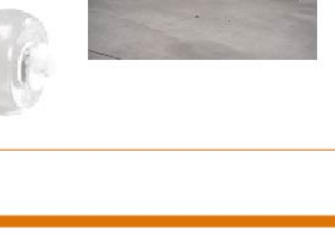
2. Place YS-AIR portable air jack below the car frame. (at the jacking point)



3. After positioning YS-AIR Air Jacks, take off the air valve cover.



4. Then inflate air by air compressor or foot pump.



5. Car is lifted and tire can be quickly changed.
Testing time: air pressure: 3.5 kg/cm²
Max. Air Pressure: 5kg/cm², 70 PSI
Max. Gradient 8°



6. Switch the connection in order to deflate.



7. Slightly press the Air Jack.



8. then easy to take it out.