

flat-jack®



/// Owner's manual

Thank you for choosing flat-jack®!

flat-jack® avoids flat spots on the tires of your camper mobile. These flat spots arise through pressure load during long standing times and can therefore badly reduce your driving pleasure and safety.

flat-jack® guarantees the perfect adaption to every shape of tire and a stressless levelling on uneven ground.

/// flat-jack®

flat-jack® retains the actual condition of the tires over long periods of standing still of your automotive treasures. flat-jack® can be used as levelling system on uneven ground. Please read the instructions and safety guidelines of this manual carefully to guarantee safe and secure operation of the flat-jack®.

/// Disclaimer of liability

If the flat-jack® is used differently than described in this instruction manual damage of the product, vehicle or even people may occur. The manufacturer takes no liability for damage arising from incorrect handling.

/// Advantages

- Complete decoupling from the ground
- Best thermic insulation by means of air
- Unique concept with high contact area
- Effective and even pressure distribution over the whole contact area
- Reduction and compensation of lateral forces on the entire chassis
- Simple to use (roll on, roll off)
- By means of air: 100% effectiveness
- High quality materials
- High load capacity: for vehicles up to 6t
- Light weight, easy to store
- Design serves as centering aids
- Levelling aid on uneven ground: camper up to 6cm / 2,35 inch
camper 2.0 up to 20cm / 7,87 inch



/// Not only an air pillow

Membrane concept

flat-jack® is constructed double-walled. The inner membranes guarantee optimal density and the outer cover is responsible for longevity and stabilisation of the shape.

Chamber concept

The special inner chamber structure with special partition walls does not only allow an optimal adaption to each tire shape but also distributes the pressure effectively by enlarging the contact area. The uniqueness of flat-jack® also results from reduction and compensation of lateral forces and tensions on the entire chassis. The camper edition has a special inner construction for camper vans, caravans etc. Therefore one can walk around inside of such a vehicle while it is resting on the air-pillows. They can also be used as levelling system on uneven ground.

/// Getting started

Incorrect handling of this product may result in injury. Check the flat-jack® always before usage. Make sure it is not damaged and that the valves are also correctly functioning.

Please read the flat-jack® safety guidelines carefully before use.

Made in
Germany

patented

World
novelty



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/// Safety instructions

flat-jack® size has to correspond with tire size.

- camper: up to tire width 255mm / 10,04 inch
Art-No: 4260328330043
- camper 2.0: up to tire width 305mm / 12 inch
Art-No: 4260328330203
- Before use a clean base is necessary
- Secure the vehicle against rolling away by applying parking brake/placing in gear
- Do not use flat-jack® in duplex garages
- In inflating manufacturer's instructions must be followed
- Maximum pressure: camper: up to 1.2 bar / 17.4 psi
camper 2.0: up to 1.5 bar / 22 psi
- flat-jack® is not a general lifting bag and may only be used for camper vans and mobile homes up to 6t

/// Use of flat-jack®

1 Clear parking space of sharp stones and objects and secure the vehicle against rolling away ie: Parking brake / placing in gear.

2 Place empty flat-jack® directly to the tires that need lifting.



3 Ensure centered tire position. Inflation valves must be accessible from outside.

Carefully roll vehicle on to flat-jack®.

Centre tires. Apply parking brake.

4 Manual transmission: Engage first gear and apply parking brake.
Automatic transmission: Select "P" (park gear)

Carefully inflate flat-jack® until vehicle hovers above ground using operating pressures given. Check pressure constantly.

5 Respect maximum pressure!
camper: up to 1.2 bar / 17.4 psi
camper 2.0: up to 1.5 bar / 22 psi



6 Mount valve caps.

/// General instructions

The selected materials for the production of flatjack® fulfil the highest quality material standards. The construction of a flexible body filled with air is subject to a certain material expansion. As a result there is a minimal loss of pressure after the first inflation with air. Use of the valve caps increases the density. High temperature variation has a negative influence on the density of the valves.

For optimal use of flat-jack® it is mandatory to:

- Use the valve caps
- Check pressure levels after 3 days
- Additionally check pressure levels at regular periods

/// To empty the flat-jack® at the vehicle

Before emptying the flat-jack® make sure that there are no people directly in front or behind the vehicle. Parking brake is applied. Manual transmission: first gear is engaged. Automatic transmission: "P" is selected (park gear). Slowly and carefully empty the flat-jack®. Please use tool provided (camper) or open "out" valve (camper 2.0).

/// Technical specification

Inside material: PU/PUR membrane

Outside material: PU/PUR braid-reinforced

Valve: German high quality product

Maximum pressure:

camper: 1.2 bar / 17.4 psi | camper 2.0: 1.5 bar / 22 psi

For vehicles up to 6t

Style of construction: double-walled; high frequency welded

/// Storage and cleaning instructions

Store flat-jack® pressure-free in a dry environment. Use solvent-free detergents for cleaning. Our recommendation: Use a moist cloth and dishwashing liquid.

/// Returning the flat-jack®

In case of returning the flat-jack® please use the original packaging material to avoid transport damages. The manufacturer does not take any liability for damages caused during transport due to incorrect packaging.