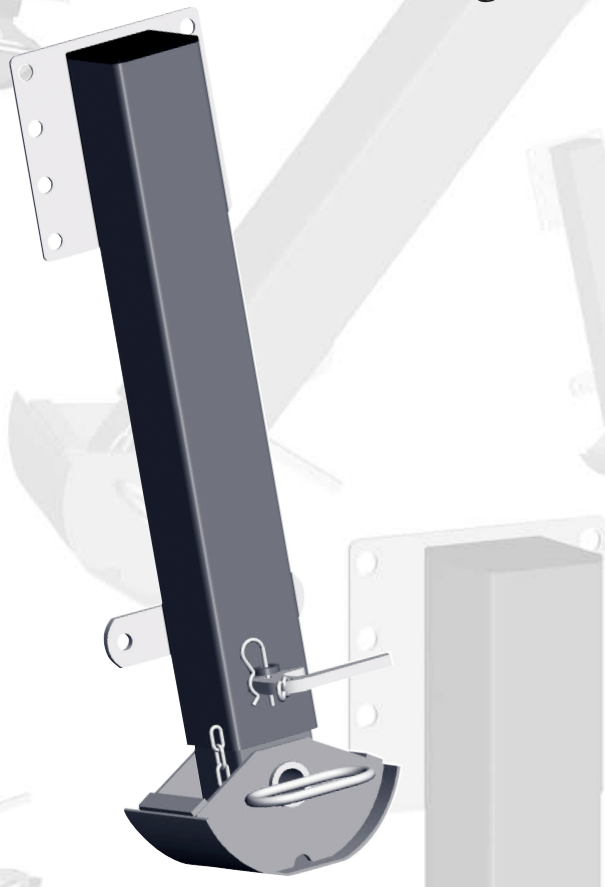


# JOST

*-Montage- und Betriebsanleitung*

## **STÜTZVORRICHTUNG FS050A**

- Ⓒ **Installation an operating instructions for Landing gear FS050A**
- Ⓕ **Instructions de montage et d'utilisation pour Béquille télescopique FS050A**
- Ⓘ **Istruzioni per il montaggio e l'uso del sollevatore telescopico FS050A**
- Ⓔ **Instrucciones de montaje y funcionamiento para el telescopio FS050A**





This landing gear is not an independent functional unit. It is designed for mounting on a trailer unit.

It must not be used until it has been established that the trailer on which the landing gear has been mounted complies with the national regulations for road traffic.

The commissioning procedure requires that the landing gear installation and operating instructions are read in conjunction with those of the tractor unit and trailer.



**The safety information is compiled in one section. Wherever danger exists for the user of the landing gear, the safety information is repeated in the individual sections and marked with the danger symbol shown here on the left.**

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# 1 Safety information

The following safety informations apply to operation, servicing and installation. The safety informations of the tractor and trailer vehicle remain in force. Safety informations directly linked to the activity are listed again in the individual sections.

Operating instructions for tractor vehicle

Operating instructions for trailer

VBG 8 "Accident prevention regulations for winches, lifting gear and towing equipment"

VBG 12 "Accident prevention regulations for vehicles"

BG - Regulations "Vehicles"



**Safety information in the following sections is indicated by the warning triangle symbol shown here. You must comply with this safety information without fail.**

## 1.1 Safety information for operation

- ▶ The landing gear may only be operated by authorised personnel.
- ▶ The landing gear may only be operated if the trailer vehicle has been secured to prevent it rolling away.
- ▶ The front connector must be secured against slipping out.
- ▶ When the vehicle is in motion, the landing gear must be fully retracted.
- ▶ When supporting the vehicle, ensure that the ground is sufficiently firm and/or position a suitable base underneath.
- ▶ The function area of the foot must be clear and flat.
- ▶ Do not shore up landing gears, e.g. to compensate for height differences.
- ▶ Do not use the vehicle if the landing gear is damaged; if necessary repair or dismantle landing gear.
- ▶ Do not allow anyone to stand between tractor unit and trailer during coupling up and uncoupling procedures.
- ▶ Do not allow anyone to go under the trailer vehicle when it is supported on landing gear.

## 1.2 Safety information for servicing

- ▶ Only use the specified lubricants and original spare parts for the servicing work.
- ▶ Servicing must be carried out by competent personnel.

## 1.3 Safety information for installation

- ▶ Landing gears must be mounted on the trailer vehicle according to the installation guidelines.
- ▶ If the landing gear is not installed correctly, all warranty claims against the manufacturer and the supplier of the landing gear will be rendered void.

## 2 Proper usage

The landing gear is designed for use with towed vehicles such as semi-trailers and single-axle trailers.

The landing gear may only be used in conjunction with the air suspension of the tractor unit, which is used to adjust the height of the coupling.

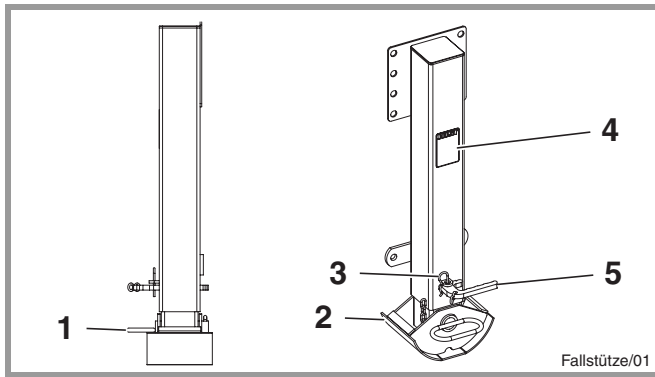
The landing gear supports the uncoupled trailer. When coupling or uncoupling the trailer, the air suspension of the tractor unit is used to adjust the height of the fifth wheel coupling to that of the trailer.

The landing gear can be used on laden and unladen trailers. The permissible drawbar load must be observed.

Any other usage requires the written approval of JOST-Werke.



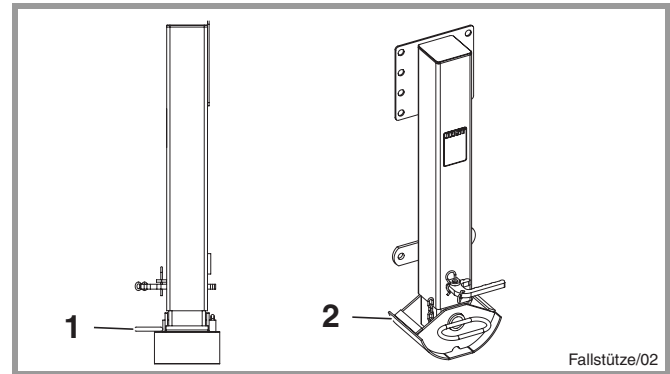
**The trailer must not be loaded or unloaded while uncoupled and supported on the landing gear. If you want to do this, please select another appropriate landing gear from our product range.**



- 1 Operating handle    3 Spring cotter    5 Linchpin  
2 Support leg with foot    4 Type plate

## 3 Operation

### 3.1 Operating controls



- 1 Operating handle    2 Support leg with foot

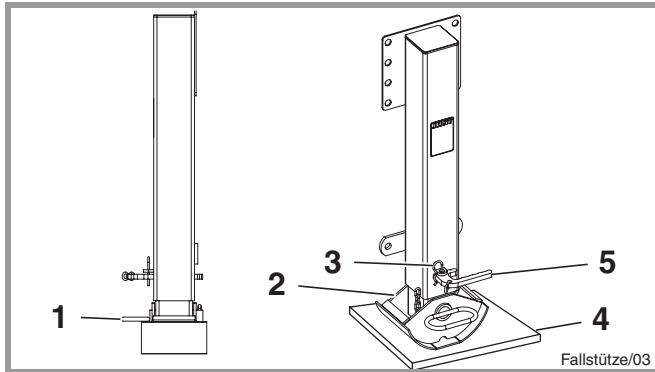


**The operating handle (1) must always be used when operating the support leg (2). The operating handle (1) is used for moving the support leg (2) gradually into the appropriate final position. There are five pin locking positions, enabling the support leg to be adapted to different situations. Do not let go of the operating handle (1) during the positioning procedure. The support leg (2) must not be allowed to fall into the final position. Keep out of the drop zone of the support leg (2) while it is being operated.**

## 3 Operation

### 3.2 Uncoupling a semi-trailer

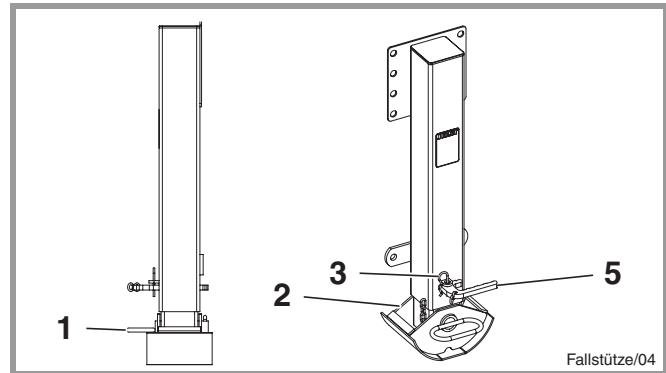
- ▶ Check the landing gear for damage and have any damage repaired before use.
- ▶ Park the trailer on firm, flat and level ground (see the "Trailer" operating instructions) or place a suitable base (4) underneath the landing gear if ground is soft (see next picture).



- 1 Operating handle    3 Spring cotter    5 Linchpin  
2 Support leg with foot    4 Base

- ▶ Release spring cotter (3) on linchpin (5).
- ▶ Raise support leg (2) using operating handle (1) until weight is taken off linchpin (5).
- ▶ Pull linchpin (5) out sideways and slowly lower the support leg (2) to the required position. Do not let go of the operating handle (1).
- ▶ On reaching the required position, push the linchpin (5) in again and secure it with the spring cotter (3).
- ▶ Using the air suspension of the tractor unit, lower the trailer until the landing gear touches the ground.
- ▶ Uncouple the tractor unit (see "Tractor unit" and "Towing hitch" operating instructions).

### 3.3 Coupling up a semi-trailer



- 1 Operating handle    3 Spring cotter  
2 Support leg with foot    5 Linchpin

- ▶ Use air suspension to adjust the tractor unit to the correct coupling height (see "Tractor unit" and "Towing hitch" operating instructions).
- ▶ Couple up the trailer.
- ▶ Raise the trailer slightly with the air suspension to take the weight off the landing gear.
- ▶ Release spring cotter (3) on linchpin (5).
- ▶ Take weight of support leg (2) with operating handle (1), pull linchpin (5) out sideways and slowly raise support leg (2) to the travel position. Do not let go of the operating handle (1).
- ▶ On reaching the required position, push the linchpin (5) in again and secure it with the spring cotter (3).

#### Note

Repeat this procedure similarly on the other side.

## 3 Operation

### 3.4 Loading the supported trailer



**The trailer must not be loaded or unloaded while uncoupled and supported on the landing gear. If you want to do this, please select another appropriate landing gear from our product range.**

## 4 Servicing and troubleshooting

### 4.1 Cleaning

The landing gear is cleaned along with the vehicle.  
No special cleaning is required.

### 4.2 Service intervals

Servicing work	Service interval	Note
Visual check of the landing gear for cracks and deformation	Whenever the landing gear is used	Repair the damage to the landing gear without delay

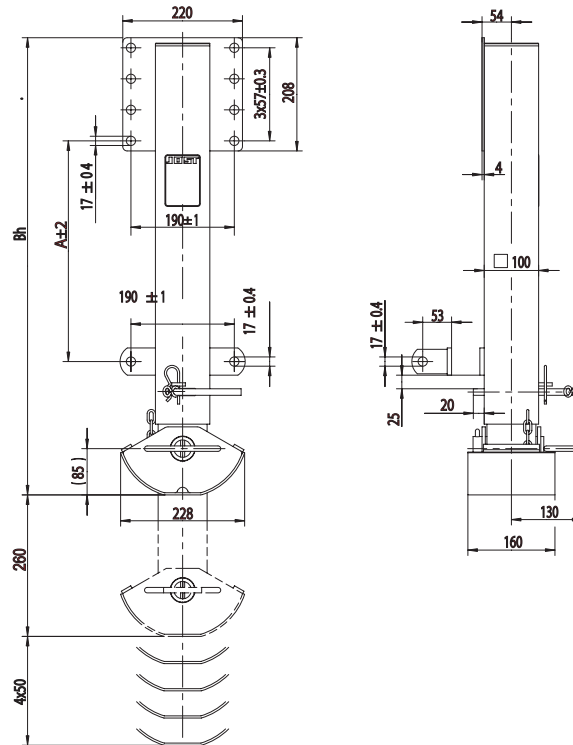
### 4.3 Disposal instructions for landing gear

The mounted parts are valuable raw materials that can be recycled. They can be split into plastics, rubber and metallic materials. The plastics and rubber materials are identified pursuant to VDA Recommendation 260. All oil and grease is to be cleaned off the parts before their disposal.

### 4.4 Troubleshooting

Fault	Cause	Remedy
Support leg jammed.	Telescopic tubes are jammed	Replace the landing gear
Linchpin cannot be removed.	Linchpin is bent	Repair landing gear.

## 5 Technical data



Fallstütze/05

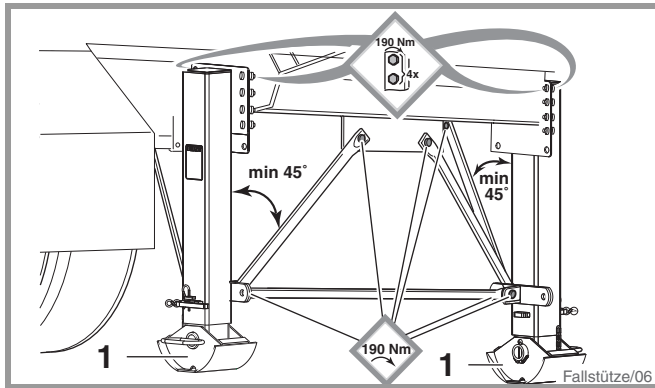
**Supported weight per side:**  
11 t

**Height (Bh):**  
FS050A00000 930 mm  
FS050A04000 840 mm

**Measurement A:**  
455 mm  
405 mm



## 6 Installation



### Material required (for both sides including struts):

- ▶ 24 hexagonal bolts M16 8.8. Determine length according to vehicle chassis.
- ▶ 24 hexagonal nuts M16 8 (not supplied)

### Note

If it is not provided with the vehicle, the angle bracing JS E010.001 can be used for connecting the cross strut (one each side).

- ▶ Retract legs (1) to stop.
- ▶ Align legs at a right-angle to frame of trailer.
- ▶ Align legs parallel to each other.
- ▶ Attach legs by bolting (note torque setting: 190 Nm +10 Nm) or welding.
- ▶ Secure bracing of landing gear at a minimum angle of 45° as shown in the drawing.



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**ZDE 199 006 075 11/2006**