

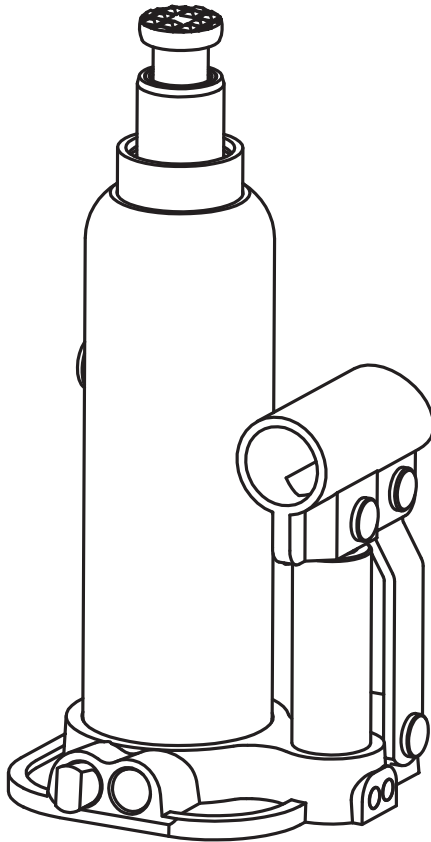
KRAFTWERK®

FAVORITE TOOLS SINCE 1979

Instruction Manual Hydraulic bottle jack

Art. 3975/3976/3977/3978

EN



CE

Safety information

Before using this bottle jack, please carefully read the instruction manual and strictly follow the instructions in it.

Before each operating, make sure that the bottle jack is in good condition.

The bottle jack should not be used if the conditions are not safe enough or if any failure has been reported.

- Do not use the bottle jack over its nominal capacity.
- This bottle jack is designed for lifting purposes only.
- Use on surfaces which can provide adequate resistance.
- Immediately support the load with suitable stands.



- Put the bottle jack on the surface as recommended by the car or machine manufacturer.
- Use only extensions or connections recommended by the car or machine manufacturer.
- The bottle jack should be operated in a vertical position.
- Do not make any structural changes with the bottle jack.
- Do not remove, cover or damage the safety labels; replace them if they are damaged.
- This booklet is an integral part of the jack and should always be available to the operator; arrange for preventive copies to be ready.
- Use only original spare parts.
- **Misusing the bottle jack may result in serious damage to material and can hurt people.**

Technical specifications

Art.	Capacity	Min.	Hydr.	Screw	Max.	Weight
3975	2 T	168 mm	100 mm	48 mm	316 mm	2.1 kg
3976	6 T	207 mm	125 mm	70 mm	402 mm	3.7 kg
3977	12 T	230 mm	150 mm	80 mm	460 mm	6.5 kg
3978	20 T	240 mm	150 mm	60 mm	450 mm	9.7 kg

Operating information

Lifting vehicle

1. Make sure that the bottle jack and the vehicle are placed on a suitable surface.
2. If the vehicle is fitted with wheels, apply the parking brake or lock the castors.
3. To place the bottle jack at the correct position, consult the instruction manual of the vehicle.
4. Do not overtighten the release valve.
5. Place the operating lever and pump for lifting the vehicle.
6. Immediately place some stands to support the vehicle. Do not work under the vehicle unless placing the stands.
The jack is designed to lift the weight; it does not guarantee continuous load.
7. Slowly unscrew the release valve to control the down speed until contact is made with the stands.

Lowering vehicle

1. Do not overtighten the release valve.
2. Pump to lift the vehicle until it is pulled away from the stands.
3. Remove the stands.
4. Slowly unscrew the release valve to control the down speed until contact is made from the vehicle with the ground.

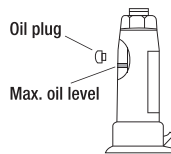
Control checks

The bottle jack should be stored with the instruction booklet.

Before using the bottle jack, visually check it. Do not use it if it has been damaged or deformed or if any parts are missing.

Oil level

1. Unscrew the release valve and lower the cylinder completely.
2. Remove the inspection cap.
3. Fill up to cap level with new hydraulic oil; do not overfill.
4. Place the cap back.
5. Lift and lower once to perform a load-free test.



Bleeding

1. Unscrew the release valve (one full turn).
 2. Place the operating lever and pump by using the whole available stroke.
 3. Do not overtighten the release valve.
 4. Pump until the maximum reachable height of the cylinder and keep pumping 10 times more, to let trapped air out.
 5. Unscrew the release valve and lower the cylinder completely.
 6. Screw the release valve (do not overtighten it) and test operation.
- Repeat the above operations, if needed.

Maintenance

Every month:

- Always keep the bottle jack clean.
- Oil and grease the levers and adjusting screw with graphite grease if needed.
- Clean and lubricate the piston and cylinder with suitable oil.
- Visually check whether the bottle jack is damaged.
- Check the state of the safety stickers and restore them if they are damaged.
- Check the oil level.
- Check for any signs of iron oxide or corrosion; clean and make sure that the surfaces have not been damaged.

When the bottle jack is put back, lower the cylinder and piston completely to prevent oxidation.

Do not use any brake fluid, hydraulic transmission oil or engine oil. Use only special oil for hydraulic jacks.

Problems / Solutions

Problem	Cause	Solution
Jack cannot reach maximum height	Unsufficient oil level	Check level and fill up, if need be
Jack cannot lift load	Release valve has not been closed correctly Old oil Damaged gaskets Damaged piston or cylinder	Contact service centre
Lever does not go down	Damaged piston Internal damage Broken or blocked return valve Bent operating lever	Contact service centre
Lever produces a «sponge» effect when operated	Presence of air in circuit	Bleed

DECLARATION OF CONFORMITY

Model: **3975/3976/3977/3978**

Hydraulic bottle jack 2000 kg/6000 kg/12000 kg/20000 kg

Serie / Prod.

Date / Prod.

KRAFTWERK Sàrl, 25 rue due Stade, F-67870 Bischoffsheim

Declares under sole responsibility that the product to which this declaration relates is in conformity with the following standard(s) or other normative document(s):

EN 1494:2000+A1/2008

Following the provisions of Directive(s)

Machinery Directive:

2006/42/EC

Bischoffsheim, 28/02/2018



Alexander Pieper
CEO

WARRANTY

We do not take responsibility for any damage caused by misuse or any use that is not in compliance with the safety standards described herein.

CUSTOMER SERVICES

Contact your local importer of your specialized dealer to obtain address of our service department.

**FROM DATE OF PURCHASE RECEIPT
2 YEAR GUARANTEE
ON MATERIAL OR PRODUCTION DEFECTS**

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