

ART. 3011 Hydraulic Bottle Jack



For Your Safety

Before using this machinery, please carefully read the instruction manual and strictly follow its instructions.

Before each operating cycle, make sure that the machinery is in good condition. The machinery should not be used if the conditions are not safe enough or if any failure has been reported.

- Do not use the jack beyond its nominal capacity.
- This tool is designed for lifting purposes only.
- Use on surfaces which can provide adequate resistance.
- Immediately support the load with suitable stands (Beta item 3010).
- Put the jack on such surface as recommended by the manufacturer of the machine to lift.
- Use only extensions or connections recommended for the machine to lift by the manufacturer.
- The jack should be operated in a vertical position.
- Do not make any structural change to the 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 made available to the operator; arrange for a few preventive copies to be prepared.
- Use only original spare parts.
- Before using the jack, make sure that it is in good condition. Do not use it if you are not sure or are aware of any damage.
- Misusing the jack may result in serious damage to the equipment and injury to people.

Specifications

Item	3011 T3.5	3011 T5	3011 T10	3011 T15
Maximum load	3.5 T - 7000 lb	5 T - 10000 lb	10 T - 20000 lb	15 T - 30000 lb
Minimum height	170 mm - 6-3/4"	203 mm - 8-3/8"	220 mm - 8-5/8"	230 mm - 9-3/32"
Working height	110 mm - 4-3/8"	146 mm - 5-3/4"	150 mm - 5-7/8"	154 mm - 6-1/16"
Adjustment height	86 mm - 3-3/8"	118 mm - 4-5/16"	114 mm - 4-1/2"	113 mm - 4-7/16"
Maximum height	366 mm 14-1/2"	467 mm - 18-7/16"	484 mm - 19"	497 mm - 19-3/8"
Weight	3.5 Kg	4.5 Kg	7 Kg	9 Kg

Operating Tips

Lifting machinery:

1. Make sure that the jack and the machinery have been placed on a suitable surface.
2. If the machinery is fitted with castors, apply the parking brake or lock the castors.
3. To place the jack correctly, consult the instruction manual of the machinery.
4. Do not overscrew the release valve.
5. Place the operating lever and pump to lift the machinery.
6. Immediately place some stands to support the machinery. Do not work under the machinery if it has been lifted without placing any stands. The jack is designed to lift the weight; it does not guarantee static maintenance.
7. Slowly unscrew the release valve, to control down speed, until contact is made with the stands.

Lowering machinery

1. Do not overscrew the release valve.
2. Pump to lift the machinery, until it is pulled away from the stands.
3. Remove the stands.
4. Slowly unscrew the release valve, to control down speed, until contact is made between the machinery and the ground.

Checks

The product should be stored with the instruction booklet.

Before using the product, 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 to cap level with new 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 complete turn).
2. Place the operating lever and pump, using the whole available stroke.
3. Do not overscrew the release valve.
4. Pump until the maximum height of the cylinder is reached, and keep pumping 10 times, to let trapped air out.
5. Unscrew the release valve and lower the cylinder completely.
6. Screw the release valve (do not overscrew it) and test operation; repeat the above operations, if need be.

Problems/ Solutions

Problem	Cause	Solution
Jack cannot reach maximum height	Inadequate oil level	Check level and fill up, if need be
Jack cannot lift load	Release valve has not been screwed 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

Maintenance and Cleaning

Every month:

- Always keep the machinery clean.
- Oil and grease the levers and adjusting screw with graphite grease, if need be.
- Clean and lubricate the piston and cylinder with suitable oil.
- Visually check whether the jack has been damaged.
- Check the state of the safety stickers and restore them if they have been 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 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 oil for hydraulic jacks.

WARRANTY

We accept no responsibility for damage caused by misuse or any use that is not in compliance with the safety standards described herein.