LOCKING TROLLEY JACK WITH ROCKET LIFT 3 TONNE

MODEL NO: **3000CXL**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

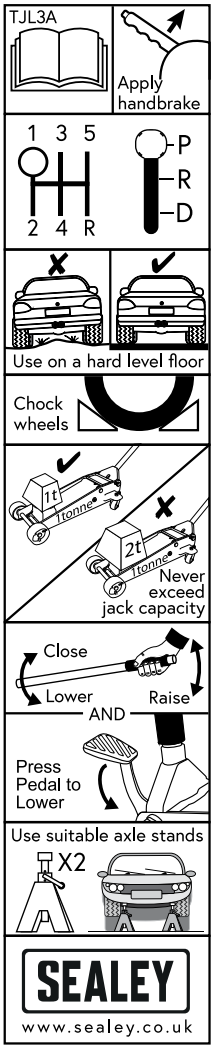


Refer to instruction manual



Wear safety footwear

1. SAFETY



- ❑ **WARNING!** Please note that the handle socket of this jack is retained under tension and must be released before use. Caution should be taken when releasing, as the handle socket will suddenly raise to its upright position if not controlled.
- ✓ The user shall work only in accordance with this instruction manual.
- ✓ The operator shall be provided with all necessary information about training and about pumping and translating forces.
- ✓ Ensure the jack is in sound condition and good working order. Take action for immediate repair or replacement of damaged parts. Use genuine parts only. **DO NOT** modify the jack. The use of non-genuine parts may be dangerous and will invalidate the warranty.
- ✓ Locate the jack in a suitable, well lit working area.
- ✓ Keep working area clean and tidy and free from unrelated materials. Use jack on level and solid ground, preferably concrete. Avoid tarmacadam as jack may sink in.
- ✓ Chock wheels of vehicle.
- ✓ Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in gear (or “PARK” if automatic).
- ✓ Ensure minimum distance of 0.5m between vehicle and static objects such as doors, walls, etc. to allow for vehicle tilting.
- ✓ Ensure all non-essential persons keep a safe distance whilst the jack is in use.
- ✓ Ensure there are no passengers in the vehicle.
- ✓ It is necessary that the operator can watch the lifting device and the load during all movements.
- ✓ Place jack under only those lifting points recommended by vehicle manufacturer (see vehicle handbook).
- ✓ Check that the lifting point is stable and centred on the jack saddle.
- ✓ Ensure the jack wheels are free to move and that there are no obstructions.
- ▲ **DANGER**: Use the jack for lifting only, NOT for supporting the lifted load.
- ✓ Ensure there are no persons or obstructions beneath the vehicle before lowering.
- ✓ It is not allowed to work under the raised load until it is secured by suitable means. Use suitable axle stands under the vehicle before proceeding with any task.
- ✓ Use a qualified person to lubricate and maintain the jack.
- ✓ Ensure that only hydraulic jack oil is used in the jack.
- × **DO NOT** operate the jack if damaged.
- × **DO NOT** allow untrained persons to operate the jack.
- × **DO NOT** operate the jack when tired or under the influence of drugs, alcohol or intoxicating medication.
- × **DO NOT** exceed the rated capacity of the jack.
- × **DO NOT** allow the vehicle to move during lifting or lowering, or use the jack to move the vehicle.
- × **DO NOT** jack vehicle if there is a risk of spillage of fuel, battery acid, or other dangerous substances.
- × **DO NOT** work under the vehicle until appropriately rated axle stands have been correctly positioned.
- × **DO NOT** use the jack for purposes other than that for which it is intended.
- × **DO NOT** top up hydraulic system with brake fluid. Use hydraulic jack oil only. (Sealey Part No: HJO500MLS or HJO5LS)
- × **DO NOT** adjust the safety overload valve.
- ✓ When not in use store jack, fully lowered, in a safe, dry, childproof area.
- ✓ If more than 400N of effort is generated in lifting, the efforts shall be lowered by an additional person.
- ✓ Jacks shall be maintained and repaired in accordance with the manufacturer’s instructions. Such maintenance and repair shall be carried out by qualified persons.
- ✓ No modifications shall be carried out which adversely affect the compliance of the jack with the standard.
- ✓ Check the state of the markings and that the markings remain as the initial one.
- ✓ In the event of oil spillage ensure an oil spill kit is to hand. Consult Sealey website for Materials Safety Data Sheet for characteristics of fluids included with the product.
- ✓ Fire-fighting procedure/equipment should be in accordance with the Materials Safety Data Sheet.
- × **DO NOT** attempt to lift a person by using the jack.
- × **DO NOT** carry high sided loads when a strong wind is blowing.
- ✓ If contact with food is likely consult Materials Safety Data Sheet for characteristics of fluids included with the product.

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- ✓ Trolley jacks should only be used at sea when the vessel is stable and on a level surface. They must be secured against movement, protected from corrosion, and never used in rough seas or beyond their safe working load.
- ✓ Indications of handling include clear markings, labels, or drawings that show the correct application points for lifting equipment, ensuring the load is lifted safely, evenly, and without risk of damage or instability.
- ❑ **WARNING!** The centre of gravity should be kept as low and as close to the centre of the load as possible to maintain stability and prevent tipping during lifting.
- ✓ The lifetime of a jack depends on its design, load history, maintenance, and operating environment, and it should be removed from service if it shows excessive wear, corrosion, damage, or fails inspection, regardless of age.
- ✓ Protective measures include using appropriate PPE such as safety gloves, safety footwear, and eye protection, ensuring the jack is correctly positioned and maintained, and keeping hands and feet clear of the load during operation.
- ✓ A trolley jack, though useful for lifting vehicles, still has residual risks like slippage, mechanical failure, or incorrect positioning. Overloading or using it on uneven surfaces can also cause accidents, so caution is always needed.
- ✓ Trolley jacks should be transported carefully, stored on a flat surface, and kept clean and dry to prevent damage and ensure safe, long-term use.
- ✓ A reasonably foreseeable misuse of a trolley jack includes using it on soft or uneven surfaces, overloading it beyond its rated capacity, or positioning it under incorrect lifting points. Another common risk is working under a vehicle supported only by the jack without using jack stands. Sudden or uneven lifting and lowering can also cause instability, potentially leading to the vehicle falling or the jack failing.

1.1. HANDLING OF HAZARDOUS LOADS

Only lift stable, balanced loads within the jack's capacity. Avoid loose or uneven loads and never go under a load without proper support.

2. INTRODUCTION

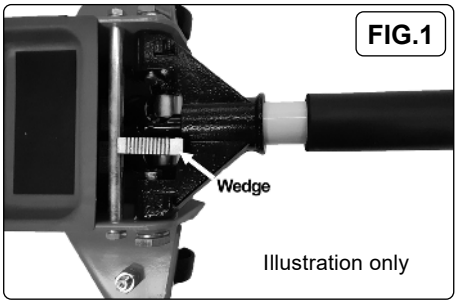
Heavy-duty steel chassis provides stability and endurance. Brings lifting arm into contact with jacking point in minimal strokes. Automatically locks lifting arm at 325, 405, 470mm. Foot lever operates safety locking release system. Min./Max. Height: 145/505mm. Universal joint release mechanism with decent control valve for safe operation. Overload and pump-through valves prevent lifting arm locking at full extension.

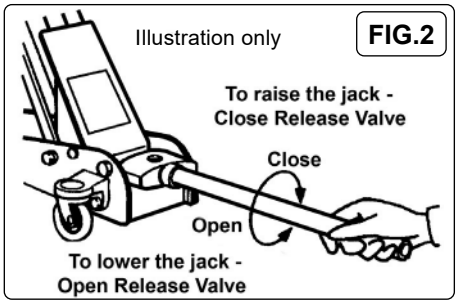
3. SPECIFICATION

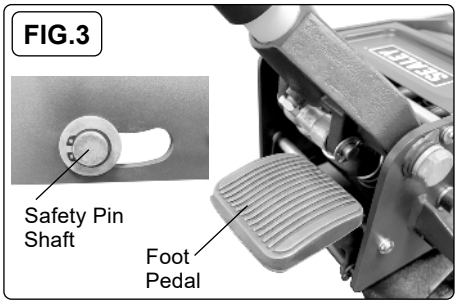
Model No:	**3000CXL**
Applicable Standards:	EN 1494:2000+A1:2008
Capacity:	3 Tonne
Declaration of Conformity:	2006/42/EC
Length:	690mm
Locking Positions:	325mm, 405mm, 470mm
Maximum Chassis Height:	190mm

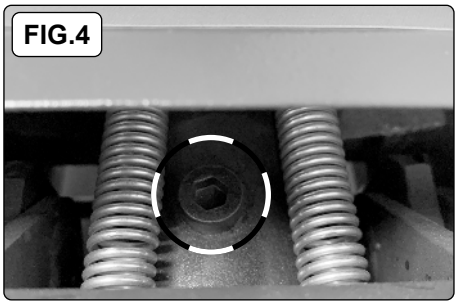
Maximum Saddle Height:	505mm
Minimum Saddle Height:	140mm
Nett Weight:	38.2kg
Product Life Applicable:	No
Maximum Capacity	3000kg
Minimum Height	140mm
Maximum Height	508mm

4. OPERATION









- ❑ **WARNING!** Before use ensure you have read, understood and applied Section 1 safety precautions.
  IMPORTANT: Before use, the operator is to visually inspect the jack for cracked welds, damaged or missing parts or hydraulic leaks. Other inspections shall be made per product operating instructions.
- ❑ **WARNING!** This device shall be inspected immediately if the device is believed to have been subjected to an abnormal load or shock. It is recommended that this inspection be made by a manufacturer's or supplier's authorised repair facility.

4.1. RELEASING THE RETAINING WEDGE (FIG.1)

4.1.1. Seek assistance from a second person if required.
4.1.2. Insert the lower handle section into the handle socket and secure with the retaining bolt to aid in releasing pressure in the handle socket.
4.1.3. Push down on the handle and hold down while removing the retaining wedge that is securing the handle socket in the down position.
4.1.4. Remove the wedge.
4.1.5. Gently and in a controlled manner slowly allow the lower handle section and handle socket to raise to their upright position.

4.2. BEFORE USE

4.2.1. Insert the upper handle into the lower handle and tighten the handle retaining bolt.
4.2.2. Ensure the handle is secure and fully engaged with the release valve.

4.3. HYDRAULIC SYSTEM PURGING

4.3.1. With the jack fully lowered and the release valve open, remove the oil filler plug.
Pump the handle rapidly several times, then reinstall the oil filler plug. Turn the handle/release valve clockwise to the closed position.

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Pump the handle until the lift arm reaches its maximum height, continuing several times to remove any trapped air in the system. Turn the handle/release valve counter-clockwise one full turn and lower the lift arm to the lowest position, applying force on the saddle if necessary. Carefully and slowly loosen the oil filler plug to release any pressurized air. Repeat these steps until all trapped air is completely vented.

4.4. RAISING A VEHICLE (fig.2)

4.4.1. Ensure that the jack and the vehicle are on a hard, level surface.
4.4.2. Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in gear (or “PARK” if automatic).
4.4.3. Consult the vehicle manual to determine the location of jacking points.
4.4.4. Position the jack under a suitable lifting point.
4.4.5. Turn the handle clockwise, to the closed position. **DO NOT** over-tighten.
4.4.6. Begin lifting by pumping the handle up and down to the desired height.
4.4.7. Place axle stands beneath the locations recommended by the vehicle manufacturer.
4.4.8. Turn the release valve anticlockwise slowly to lower the vehicle on to the axle stands.

4.5. LOWERING A VEHICLE

❑ **WARNING!** Ensure that the area below the vehicle is clear before lowering.
4.5.1. Turn the release valve clockwise to the closed position. **DO NOT** over-tighten.
4.5.2. Pump the handle to raise the vehicle off the axle stands.
4.5.3. Remove the axle stands from beneath the vehicle. **DO NOT** get under or let anyone get under the vehicle while lowering.
4.5.4. Turn the release valve slowly anticlockwise to lower the vehicle to the ground in a controlled manner.
NOTE: When not in use, always leave the saddle and ram fully retracted.

4.6. MECHANICAL LOCKING MECHANISM (Foot Pedal)

4.6.1. This trolley jack is fitted with a mechanical safety locking mechanism consisting of a toothed bar and a spring-loaded pawl. As the jack is raised, the pawl automatically engages with the toothed bar, locking the jack at one of three preset height positions. To lower the jack, apply a slight upward load using the jack handle to relieve pressure on the pawl, then depress the foot pedal (see Fig. 3) to disengage the safety lock. Once disengaged, slowly operate the hydraulic release valve to lower the jack in a controlled manner.

❑ **WARNING!** The locking mechanism only functions when the foot pedal is not depressed; keeping your foot on the pedal during lifting will bypass the safety lock and prevent it from engaging.

5. MAINTENANCE

IMPORTANT: Only fully qualified personnel should attempt maintenance or repair. Jacks shall be maintained and repaired in accordance with the manufacturer’s instructions. Such maintenance and repair shall be carried out by qualified persons. No modifications shall be carried out which adversely affect the compliance of the jack with the standard. Check the state of the markings and that the markings remain as the initial one.

5.1. When the jack is not in use, the ram should be in its lowest position to minimise corrosion. Remove the handle to inactivate jack.
5.2. Keep the jack clean and lubricate all moving parts and pivot points with oil on a regular basis.
5.3. Before each use check for broken, cracked, bent, or loose parts, or any visible damage to ram, pump, saddle, lifting arm, frame and all parts including nuts, bolts, pins and other fasteners. If any suspect item is found remove jack from service and take necessary action to remedy the problem.

× **DO NOT** use the jack if believed to have been subjected to abnormal load or shock load.

5.4. Periodically check the pump piston and the ram for signs of corrosion. Clean exposed areas with a clean oiled cloth.
5.5. After one year the oil should be replaced in order to extend the life of the jack. Use hydraulic jack oil only. Depending on usage, regularly check all safety functions.

❑ **WARNING!** Only competent personnel should attempt hydraulic maintenance or repair.

5.6. When refilling the hydraulic system, the characteristics of the hydraulic fluid used in the jack and the level of the hydraulic fluid as it is shown shall be observed. To check the oil level, fully lower the jack and remove cover and filler plug fig.3. The correct level is the bottom of the screw hole. If oil level is low, fill as required. Pump jack 5 or 6 times to expel air. Pump jack up to full height and pour off excess oil before refitting plug.

× **DO NOT** touch the safety overload valve.

5.7. CHECK AND REFILL OIL

NOTE: Use a good quality jack oil, such as SEALEY HYDRAULIC JACK OIL.

❑ **WARNING! DO NOT** use brake fluid, or any fluid other than hydraulic jack oil as this may cause serious damage to the jack and will invalidate the warranty.

With the jack fully lowered and positioned on a level surface, remove the unit cover if fitted, then remove the oil filler plug (fig.4). The correct oil level is just enough to cover the inner cylinder when viewed through the filler plug opening. Do not overfill. Use only new, clean hydraulic jack oil as specified. Reinstall the oil filler plug securely and refit the unit cover.

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF PRODUCT.

Hydraulic products are only repaired by local service agents. We have service/repair agents in all parts of the UK.

× **DO NOT** return jacks to us. Please telephone us on 01284 757500 to obtain the address and ‘phone number of your local agent. If jack is under guarantee contact your local Sealey Stockist.

5.8. MARKING INSPECTION REQUIREMENT

The condition of all safety markings and labels must be checked regularly to ensure they remain present, legible, and unchanged from their original condition. If any marking becomes damaged, worn, obscured, or altered, it must be replaced before the equipment is used. **DO NOT** operate the jack if required markings are missing or unreadable.

5.9. FAULT IDENTIFICATION AND LOCATION FOR REPAIR

Inspect the jack to identify faults such as leaks, worn seals, bent parts, or jammed mechanisms. Locate the affected component and ensure the jack is unloaded before any repair. Only qualified personnel should carry out maintenance or part replacement.

5.10. OPERATION METHOD IN THE EVENT OF AN ACCIDENT OR BREAKDOWN

In the event of an accident or mechanical breakdown, immediately stop using the trolley jack and do not attempt further lifting or lowering under load. If a vehicle is supported, ensure it is secured with approved axle stands before disengaging the jack. Keep clear of moving parts, depressurise the hydraulic system slowly if safe to do so, and remove the jack from service. The jack must be inspected and repaired by a qualified technician before being used again.

5.11. SPARE PARTS

For replacement or spare parts, refer to the parts page at the end of this manual. Always use only genuine parts to ensure safety and proper operation.

6. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Jack will not lift the load.	1) Overloaded. 2) Oil level low. 3) Release valve not correctly closed. 4) Air in system. 5) Piston rod not functioning. 6) Packing worn or defective.	1) Be sure to use jack with adequate capacity. 2) Top up oil level. 3) Check and close release valve. 4) Open release valve and pump the handle a few times. Close valve and re-try. 5) Clean and replace oil. 6) Replace packing.
Jack does not lift high enough Or feels “spongy”.	1) Oil level too high or too low. 2) Worn seals. 3) Air in system. 4) Release valve not closed.	1) Fill or remove excess oil. 2) Return jack to local service agent. 3) Open release valve and pump the handle a few times. Close valve and re-try. 4) Check and close release valve.
Jack lifts poorly.	1) Pump packing or valves malfunctioning. 2) Oil is dirty. 3) Air in the system.	1) Replace packing and/or clean valves. 2) Replace oil. 3) Open release valve and pump the handle a few times. Close valve and re-try.
Jack lifts but will not hold load.	1) Release valve partially open. 2) Dirt on valve seats. 3) Air in system. 4) Faulty seals. 5) Packing worn or defective.	1) Check and close release valve. 2) Lower jack, close release valve. Place foot on front wheel and pull up lifting arm to it’s full height by hand. Open the release valve to lower arm. 3) Open release valve and pump the handle a few times. Close valve and re-try. 4) Replace packing or contact local service agent. 5) Replace packing.
Jack will not lower completely.	1) Unit requires lubrication. 2) Piston rod bent or damaged. 3) Jack frame/link system distorted due to overloading/poor positioning. 4) Air in system. 5) Release valve partially closed. 6) Jack spring damaged or unhooked.	1) Oil all external moving parts. 2) Replace rod or contact local service agent. 3) Replace damaged parts or contact local service agent. 4) Open release valve and pump the handle a few times. Close valve and re-try. 5) Check and fully open release valve. 6) Replace spring or contact local service agent.
Jack does not lower at all.	1) Release valve closed.	1) Check and fully open release valve.

6.1. DE-COMMISSIONING THE JACK

When the jack is no longer in service, fully lower it and release any hydraulic pressure. Drain the oil, clean the unit, and store it in a dry, safe location. Dispose of any fluids and components in accordance with local regulations.

ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

REGISTER YOUR PURCHASE HERE

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.
Important: No Liability is accepted for incorrect use of this product.
Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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