Pro-Tech TOOLS

Mobile hydraulic hoist 2 t



Instructions for use

Translation of the original instructions

Attention!!! Due to the continuous improvement of the product, the drawings and descriptions provided may differ from the purchased goods and may contain optional or specialised elements that are not included in the standard version. These differences cannot be grounds for a complaint. All information given in this manual is in accordance with the information
current at the time of printing and are for information only.

1. characteristics, intended use

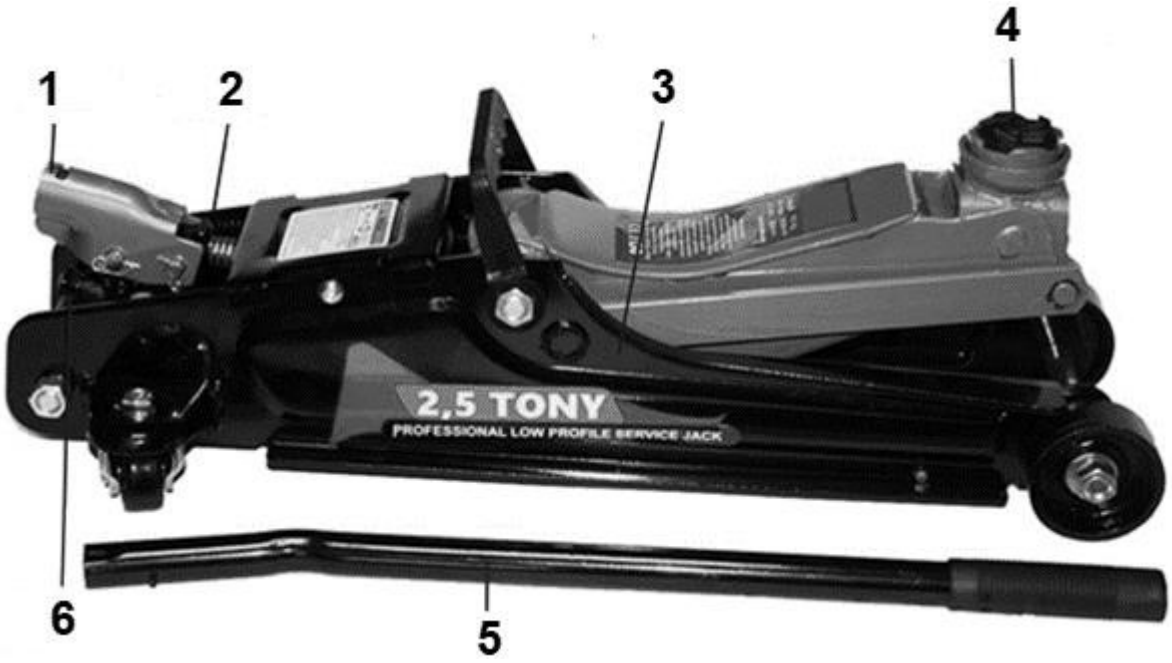
The hoist is used for lifting loads (, trailers, etc.) with a weight not exceeding the value listed in the "technical data" table.

Before working underneath, you must use additional safety devices (such as stands) to support the lifted object.

The hoist is designed for use on level, stable and horizontal ground. The load to be lifted must be secured against movement.

The device is intended for home use. Use for commercial purposes voids the manufacturer's warranty.

Any use other than the is contrary to the purpose of use and is prohibited. In particular, lifting persons or animals with a hoist is prohibited.



1) Arm socket 2) Drive 3) Base 4) Lifting saddle 5) Arm

6) Release valve lever

2. Types of hazards occurring during operation of the equipment

1. Mechanical risks caused by parts or workpieces: weight and stability (potential energy of parts that can move due to gravity)

2. Mechanical hazards caused by energy stored in the form of liquids or gases under pressure.

3. General safety conditions

- Attention! Read the instructions carefully before starting work. The device may only be operated by adults who familiar with the operating instructions and who observe their rules.

1) Safety in the workplace

a) Keep your workspace clean and well lit. Clutter or dark areas can lead to accidents.

b) Keep children and bystanders away from the tool when working with . Distractions can cause loss of control.

2) Personal safety

a) Be observant, watch what you are doing and use common when working with tools. Do not use tools when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while working with tools can lead to serious personal injury.

b) Wear personal protective equipment. Protective equipment such as a dust mask, non-slip safety shoes, helmet, or hearing protection used under appropriate conditions will reduce the risk of injury.

c) Always maintain good posture and balance. This allows for better control of the instrument in unexpected situations.

d) Dress appropriately. Do not wear loose clothing or jewellery. Keep hair and clothing well away moving parts. Loose clothing, jewelry, or long hair can get caught in moving parts.

e) If there are devices to connect extraction and collection equipment, make sure they are connected and used correctly. The use of a dust collector can reduce dust hazards.

f) Do not let the familiarity with the tool due to frequent use lead to careless use and disregard of safety rules. Careless actions can cause serious injury in a split second.

g) Never modify the equipment yourself. Check that all parts are in working order and, if worn, replace them only with new, original parts.

h) Never operate the machine without secure guards, covers and caps. Keep hands, feet and clothing away rotating parts.

A hoist is a hydraulic device that operates under heavy loads. Basic safety principles must be observed when working.

Read and keep manual before starting work.

Never overload the equipment with more than the specified load as this could cause permanent damage. It is forbidden to lift objects of unknown weight and more than the permitted hoist weight.

Lifting of persons or animals is prohibited.

The hoist is for lifting only, it must not be used for any other purpose. Other safety devices (e.g. stands) must be used to support the elevated object before working under the load.

When lifting vehicles, lock the wheels and apply the parking .

Do not leave the lifted load unattended. Children and persons not instructed in the operation of the equipment must not be near the work or storage of the hoist.

Do not wear loose clothing or jewellery. Long hair should be pinned up.

Wear personal protective equipment.

The hoist must be placed on a flat, hard and stable surface.

The hoist should be positioned under the lifted equipment so that the load is carried in the centre of the saddle.

Adjustment of the relief valve is strictly prohibited.

Keep the unit away from heat and fire sources as this could damage the unit or impair its function. Before lifting a load, make sure there is no lifting motion after lifting the load.

Before lifting any weight, make sure that the hoist is not damaged in any way. If the hoist needs to be repaired, contact an authorized service center.

Be anticipatory, don't work when you are tired or under the influence of drugs.

Pictograms and symbols used



This symbol means that you must read the instructions carefully before starting.



This symbol means that the product has undergone specialised tests and meets the basic quality and safety standards contained in the so-called New Approach Directive.



This symbol means that you should use protective footwear to protect your feet and legs against external factors that can cause mechanical or chemical damage, burns, against the effects of heat, cold and moisture.



This symbol means that you should use hand protection



This symbol indicates that the packaging is recyclable



This symbol means you should use eye protection

4. Stroke operation

The hoist is supplied as an assembled system and does not require assembly or adjustment.

Before starting work, perform approximately 6 complete pumping cycles with the drain valve open to ensure proper hydraulic oil distribution.

Venting

1. Lower the lifting arm down.

2. Remove the metal pump cover.

3. Slowly turn counterclockwise to open the drain valve.

4. Remove the cap (on some models, unscrew the screw).

5. If necessary, top up the oil (to full level). Use hydraulic .

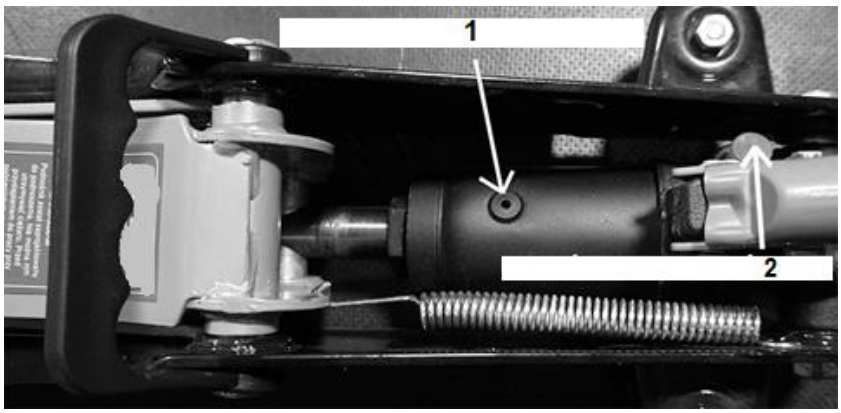
6. Install the cap.

7. Close the drain valve.

8. Raise the lifting saddle as far as possible.

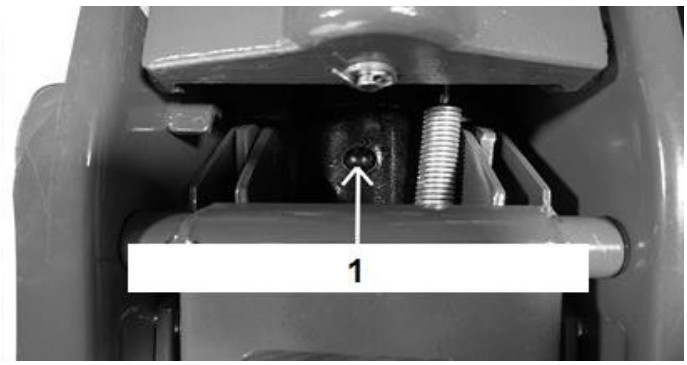
9. Lower to minimum height by unscrewing the drain valve, close the valve.

10. Open the cap to release the air.



1. Air vent

2. Safety valve

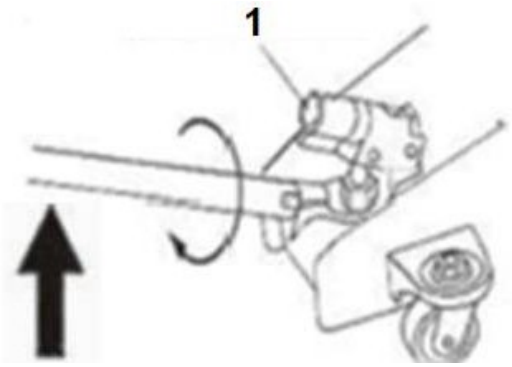


1. Air vent

Lifting

Before lifting, make sure the hoist operator will have the hoist and load in sight during all movements.

At the end of the lift arm, close the release valve by tightening until it stops.



1. Shoulder socket

Turn clockwise

Place the hoist under the load to be lifted at the location designated for hoist use so that the load rests centrally on the hoist saddle.

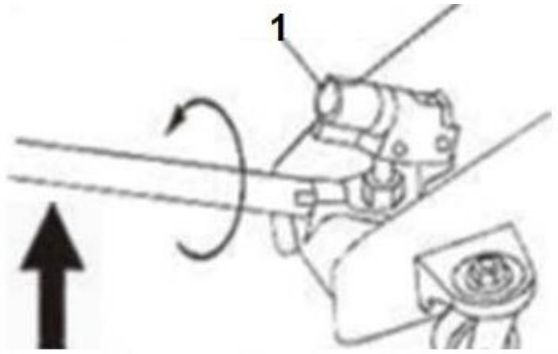
Insert the lever into the socket. Slide the lever up and down to lift the load to the desired height. After lifting, secure the load against falling, e.g. with stands.

Launching

Before lowering, make sure that the load you are lowering will not cause personal injury.

Slowly turn the release valve . Do not unscrew the release valve more than necessary to slowly lower the load.

Unscrewing the valve too much can unscrew it from the housing.



1. Shoulder socket

Turn counterclockwise

5. Maintenance

a) Check the oil level regularly, top up if necessary, with the recommended SAE10/95 hydraulic oil.

b) regularly lubricate moving elements such as pins and wheels to ensure longer service life.

c) Before working, inspect the hoist for visible damage, loose connections and clean the handles and lifting arm.

d) Do not expose the hoist to moisture, which can cause corrosion, weaken the hoist structure and can be extremely dangerous.

e) When not in use, the jack should be in the lowermost to prevent corrosion on unprotected parts.

f) protect the metal parts of the hoist from corrosion during prolonged storage, storage should take place in a dry room with a possibly constant temperature.

g) when the jack is worn out, dispose of it: drain the hydraulic oil into an approved container and take it to the appropriate landfill in accordance with local regulations.

Technical data:

Load capacity: 2000 kg

Min. stroke height: 135

mm Max. 335 mm Weight:

9 kg