

Operating instructions

Hand Wire Winch

30217



Illustration similar, may vary depending on model

Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.



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Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it.

Keep these operation instructions in a safe place.

Safety information

- The hand wire winch is only suitable for pulling loads or for similar jobs (e.g., for tensioning cables). The maximum capacity must not be exceeded.
- No extension must be used to move the tensioning lever. The hand wire winch is **not** suitable for lifting or lowering loads! Only use the hand wire winch to pull and transfer a load.
- This user's manual must be kept at the very location of the hand wire winch; it must be read and respected by everyone who operates, cleans, or maintains the hand wire winch. Any use differing from the one described above is not permitted and leads to damages to the device and dangers for the user.
- The warranty will expire if damages occur that are caused by any non-compliance with the user's manual. We cannot be held responsible for any consequential damages! Nor can we be held responsible for any damages or injuries caused by any improper use of the device or any non-compliance with the safety instructions.
- Any unauthorised modification of and/or change to the device is not permitted.
- Keep the device away from children.
- Do not work with a torn or damaged load cable.
- Do not use any lever extension (to increase the lever action).
- Never apply the lever with other objects or machines.
- Never loop the cable around the load, but only fix the load using the hooks.
- Never unwind the cable completely from the drum. A minimum of 3 cable turns must remain on the drum.
- The device must not be used to lift loads or persons; it may only be used to pull loads.
- Nor is the device suitable for pulling vehicles, objects, etc., with persons inside.
- Both anchorage points (the one for the load to be pulled and the one to absorb the tensile load) must be chosen accordingly. In case the anchorage points are not suitable, serious damages might be caused.
- Avoid diagonal pulls and return of the cable. Protect the cable from sharp edges. Never knot the cable.
- The cable must not be shortened nor lengthened.
- Never remove the safety bow from the hooks.
- When operating the hand wire winch, make sure that nobody is staying within the danger zone. Furthermore, make sure that the user of the hand wire winch can neither be endangered by the device itself nor by the load or means of suspension (the point absorbing the tensile load).
- The device must not be left unattended over a longer period in towing/tensioned state of operation. Never use the device as earth line during welding jobs.
- No welding or repair work may be made to the casing, cable, or hook. Check the cable before each use to find any damaged, kinked, broken, or torn parts of the cable.
- In case the device is damaged, it must not be re-used! Have an authorised service centre repair it or dispose of it in an environmental-friendly manner.
- When using the hand wire winch, observe the safety and accident prevention regulations applicable in your country. Always wear appropriate protective equipment (e.g., safety shoes, gloves, etc.).
- Trained personnel must monitor the use of the device in schools, training institutions, hobby, and self-help workshops.
- Protect the device against rain, dust, and dirt. Never drop it from large heights, as this will damage and disable it.
- Should you have doubts concerning the proper use of the device or should questions arise that are not answered by the user's manual, contact a qualified person.

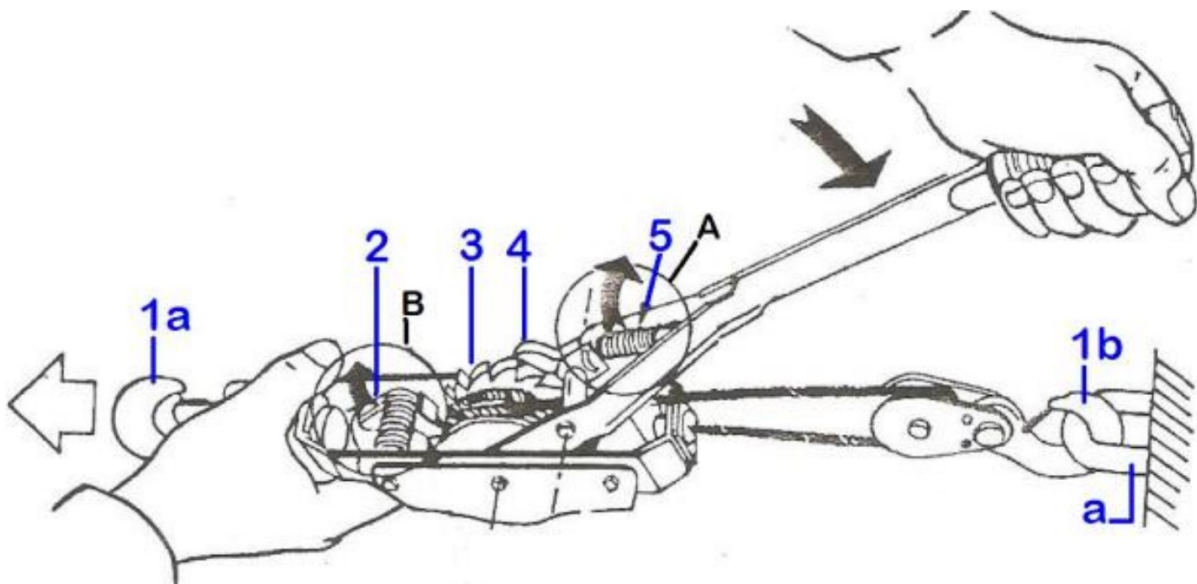
- The tractive force is influenced by various factors, e.g.
 - the type of surface: asphalt, sand, earth, rock, tiles, concrete, etc.
 - the state of the surface: wet or dry
 - the slope: The pulling force gradually decreases with increasing slope.
 - the coefficient of friction between the load and surface.

Commissioning

Preparation

- First inspect the device visually. If you detect any damages (e.g., a damaged cable, hook, etc.), the hand wire winch must not be used.
- Put on suitable protective equipment, e.g., gloves.

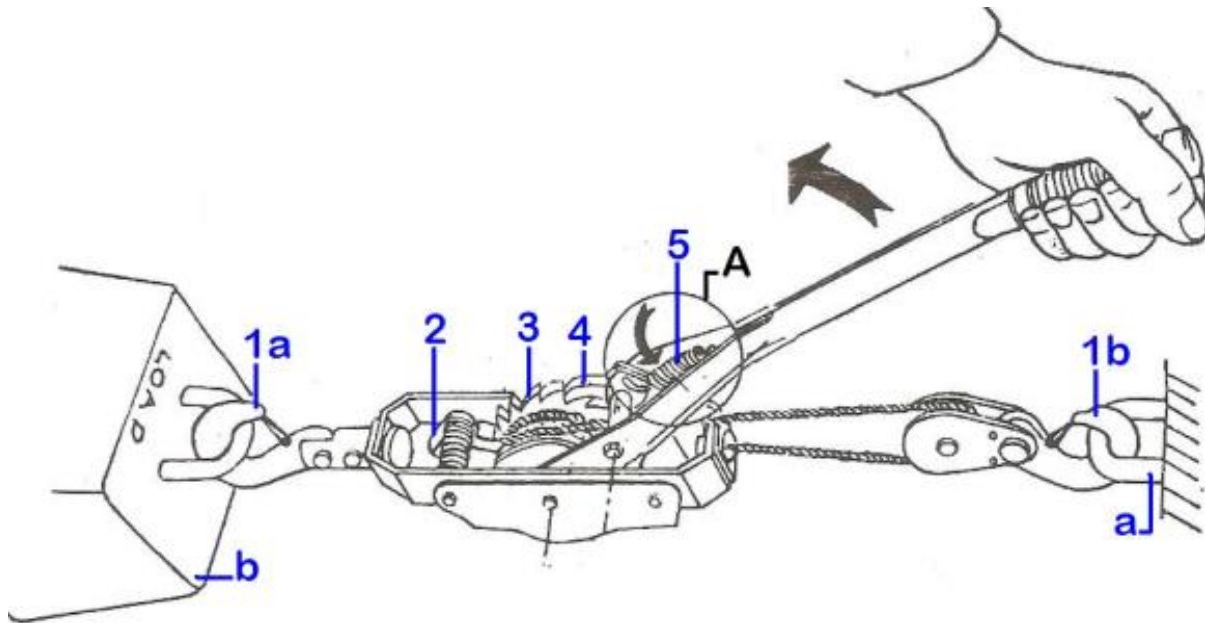
Unwind/release cable



1. Attach the hook (**1b**) to a firm, solid anchoring point (**a**).
2. Lift the spring (**5**) in the direction of the arrow (see "A").
3. Release the locking pawl (**4**) on the gear wheel (**3**).
4. Hold the handle.
5. Press the locking lever (**2**) (see "B") and at the same time pull the winch to unwind the cable to the desired length.

Note: Examine the cable as it unwinds for signs of wear or fatigue.

Wind/tension rope



1. Release the locking lever **(2)**.
2. Move the spring **(5)** in the direction of the arrow (see "A") to engage the pawl **(4)** on the gear wheel.
3. Attach the hook **(1a)** to a load anchorage point **(b)**.
4. Operate the lever with the handle to wind up the cable and pull the load.

Example of use

Towing of a vehicle

1. Block the wheels of the vehicle to prevent it from rolling backwards. Put your vehicle in neutral. Release the handbrake.
2. Extract the cable to the desired length. Always leave at least one turn of cable around the drum to prevent the cable from being pulled out of the device.
3. Before hanging the load, make sure that the distance between the load and the cable is minimal. Attach the hook **(1b)** to the anchor point. Attach the load using a lifting point, a tow strap, or a chain. Do not wrap the cable around the load and do not attach the load directly to the cable. This could damage the load and twist or fray the cable.
4. Pull the lever to pull the load.
5. The operator/user must pull the load gently. The cable must be taut and must not sag when the load is pulled.

Main parts

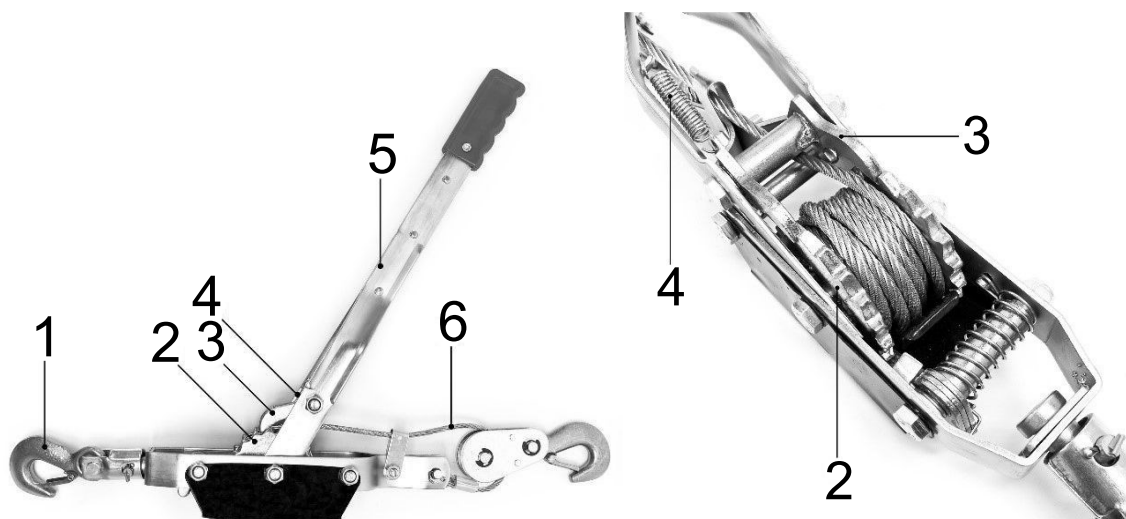


Image for illustration purposes. May differ from the actual product.

No	Part	No	Part
1	Hook with safety catch		
2	Cable drum with locking wheel	2	Detail cable drum
3	Triggering hook	3	Detail hook
4	Triggering spring	4	Detail spring
5	Lever		
6	Cable		

Maintenance

- Refer all maintenance and repair work to a professional if you are not qualified to do it yourself.
- Only use original spare parts. Only these spare parts are designed for and suitable for the device. Other spare parts do not void the warranty and may endanger you and those around you.

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