

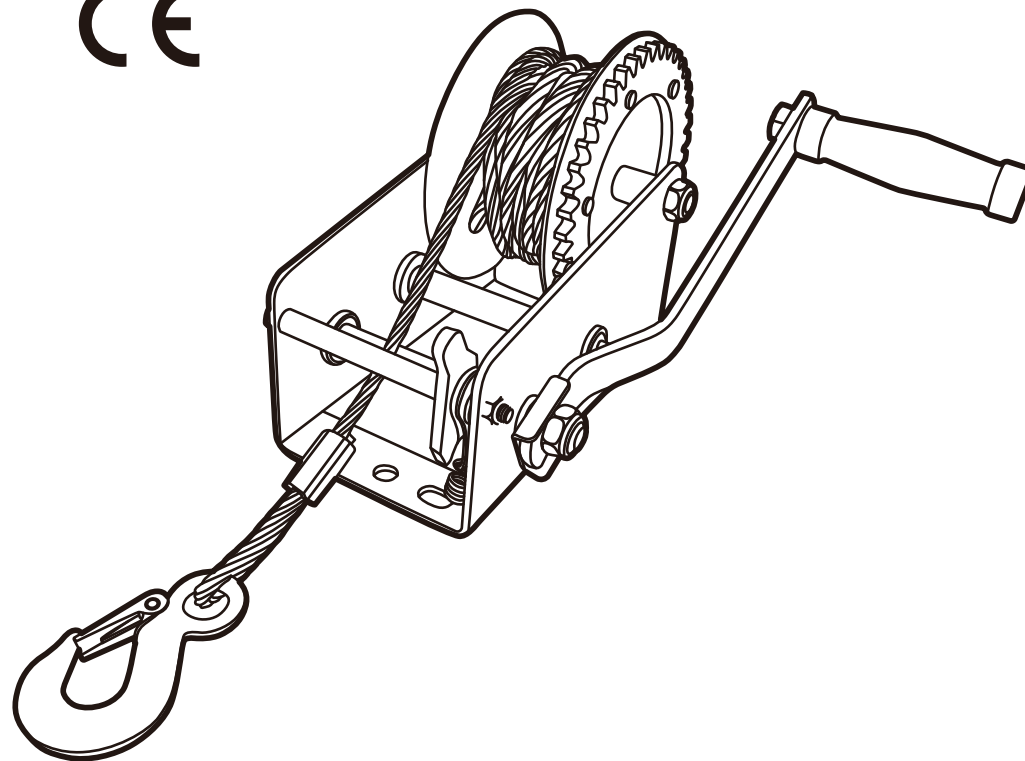
2. Inspect periodically all parts, steel cable, accessories and replace them if damaged or used.
3. Have damaged parts replaced by an authorized service center.
4. Check the nuts periodically and tighten them if they are loose.
5. Product must be stored in a dry location. Always lock up product and keep out of reach of children.

TOLSEN

HAND WINCH

62451-62452-62453

INSTRUCTION MANUAL



**TOLSEN TOOLS
CO., LIMITED**

www.tolsentools.com

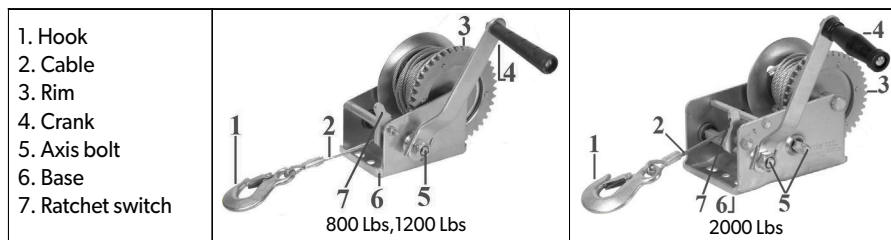
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MADE IN CHINA



SAVE THIS MANUAL !

You will need this manual for safety instructions, operating procedures and warranty.
Put it and the original sales receipt in a safe dry place for future reference.

PARTS LIST



TECHNICAL DATA

Model	Capacity	Cable Dia.	Cable Length	Gear Ratio	Way/Speed
62451	800LBS(362.9kgs)	4.0mm	10m	3.1:1	1way/1speed
62452	1200lbs(544.3kgs)	4.0mm	10m	4.1:1	1way/1speed
62453	2000lbs(907.2kgs)	5.0mm	10m	4.1:1/9.8:1	2way/2speed

USER'S MANUAL

- Keep the work area clean and free
 - Cluttered areas invite accidents.
 - Observe work area environment conditions
 - Do not expose the product to rain.
 - Do not use in damp or wet locations.
 - Ensure that work area environment is kept well lit (sunlight or artificial lighting).
 - Dress properly
 - Do not wear loose clothing or jewelry that could be caught in moving parts.
 - Rubber gloves and non-skid footwear are recommended as well as a cap to contain long hair.
 - Use the most appropriate product and do not force the product.
 - Do not force a small product or accessory to do the work of a heavy-duty product.
 - Do not use the product for purposes other than those for which it is intended. The product will do a better and safer job at its rated load if it is used for the purposes it was designed for
 - Keep a safe distance and keep children away
 - Keep yourself and others at a safe distance from the work area, the product and the steel cable when it is pulling under load.
 - Keep bystanders (esp. children) and animals away from the work area.
 - Keep the product away from children or from their environment.
- Never allow children to operate the product. Children should be supervised to ensure that they do not play with the product.
- Do not damage the cable
 - Never move the product by dragging it by the cable.
 - Keep the cable away from heat and sharp edges.
 - Do not step or roll over the product or steel cable.
 - During operation, do not step over the product or the steel cable.
 - Safety at work
 - Use both hands when transporting the product.
 - Use proper protective equipment according to the work environment.
 - Keep proper footing at all times and balance.
 - Important: Never pull loads greater than the maximal capacity of the winch.

- Do not attempt to pull stationary or fix loads.
 - Do not apply any side force on the load
 - Not for lifting loads and Never transport persons
- Avoid starting the product unintentionally
 - The ratchet switch should always be fully engaged.
 - Check for damaged parts
 - Before using or re-using the product, carefully check for all parts, to determine if product will operate properly and perform its intended function. Any part that is damaged should be repaired or replaced by an authorized service center.
 - Check for alignment and binding of moving parts, any broken parts or mounting fixtures, and any other condition that may affect proper operation.
 - Regularly check the steel cable for signs of tear and wear. Replace any damaged cable at an authorized service centre.
 - Unless otherwise stated in the instructions, any part that is damaged should be properly repaired or replaced by a qualified technician.
 - Repair the tool
 - When repairs are carried out, only identical replacement parts should be used to avoid endangering the user.
 - Repair the product by a qualified technician.
 - Repairs should be carried out by qualified technicians, using only original spare parts; to avoid any danger for the user.
 - Product maintenance
 - Keep the product properly maintained and clean for a better and safer performance.
 - Follow the instructions for lubricating and changing the accessories,
 - Inspect all moving parts and mounting bolts and nuts prior to use. Tighten if necessary.
 - Keep handles dry, clean and free from oil and grease.
 - Rewind the cable

To rewind the cable correctly, apply a slight load on the cable.

For this purpose, hold the cable in one hand (wearing protective gloves), and rewind the cable with the other hand.

Do not allow the cable to slip through your hand.
 - Attention: do not overreach and stay alert
 - Keep proper footing and balance at all times
 - Pay attention to what you are doing and use your common sense
 - Do not use the product when you are tired, while under the influence of alcohol, prescription medicines or drugs.
 - Important
 - The user and/or operator are responsible for any damages or injury caused to properties and persons.
 - Store idle equipment
 - When not in use, product must be locked up in a dry location. Always lock up product and keep out of reach of children
 - Accessories.
 - The use of any accessories, other than those recommended by the manufacturer or stated in the instructions manual, may result in injury or may cause damages.
 - Remark:
 - The safety precautions and instructions given in this manual are unable to cover in detail all the conditions and situations that may arise.
 - The operator and/or user must use common sense and caution when operating the product especially for any matters that are not referred in the above.

WARNING

- Never overload!
- This winch is designed for pulling, not for lifting!
- Never put your hand or anything else near the gear, rim and rolling cable. Always wear gloves when using the winch
- Never try to repair disassemble the winch when there is a problem. Ask a machinist or specialist for help.
- When replacing the cable, make sure that the end of the cable comes through the 4 holes on the side of the rim, and tie a knob or weld the end tip of cable, to prevent the cable from coming out.
- Use grease for axis and gears before depositing for a long time

MAINTENANCE AND STORAGE

- Follow the instructions for lubricating periodically

Lubricate the cable and hook regularly with slight grease.

Grease the gears every 6 months. Use any good quality waterproof grease.