

WARRANTY CARD

1. KH Trading machines and tools are covered by 6/24 months warranty, starting on the date of purchase, as described in the Civil Code (proof of purchase or invoice receipt must be enclosed with the warranty card when making a claim).
2. This warranty does not cover defects caused by unprofessional handling, machine overloads, not complying with instructions contained in this manual, using accessories that are not approved, unauthorized repair, regular wear and tear and damages occurred during transport. Further, this warranty does not cover parts and accessories such as the motor, carbon brushes, seals and hot-air operated parts and parts that need to be changed regularly.
3. If the repair is to be found as not covered by the warranty policy, all costs including the repair and shipping to and from the repair centre will be paid by the customer, according to valid price list. See www.
4. When making a claim, you must present the warranty card, showing the date of the purchase, the serial number of the machine, vendor stamp and signature of sales clerk, as well as the proof of purchase receipt.
5. Warranty claim shall be made at the vendor shop where you bought your machine or you may mail it to a service centre. The vendor is obligated to fill out the warranty card (date of sale, serial number, vendor stamp and signature). All these information must be filled in at the time of sale.
6. The warranty period will be extended for the period of time for which the machine has been in the service centre possession. If the repair or defect is not covered by the warranty policy, all costs including the repair and shipping will be paid by the owner of the machine / tool. We recommend sending the machine in its original packaging. Please, also enclose brief description of the defect with the packaging.
7. Before sending the machine for repair, clean it thoroughly. If the received machine is dirty, it may be rejected by the service shop or you may be charged a cleaning fee.

SERVICE

Logistic centre Klecany

Topolová 483

250 67 Klecany

Czech Republic

Claim department phone number: 266 190 156

266 190 111

Fax:

260 190 100

T-mobile: 603 414 975

O2: 601 218 255

Vodafone: 608 227 255

<http://www.KHnet.cz>

Email: servis@KHnet.cz

| | |
|------------------------------------|---------------------------------|
| Product: HAND REEL 1,100 KG | |
| Type: HW2500 | Serial number (product series): |
| Date of manufacture: | Repair centre notes: |
| Date of sale, stamp, signature: | |
| | |

Without the correctly filled warranty card or without proof of purchase receipt, including the product type (invoice, purchase receipt) no warranty claim will be processed.

uni-max

USER'S MANUAL

HAND REEL 1,100 KG



HW2500

Dear customer. Thank you for purchasing power hand saw from KH Trading, s.r.o.
Our company is ready to offer you our services - before, during and after you buy our product.
If you have any question, comment or idea, please contact our business centre. We will do our best to address your comment or question in timely matter.

Before first use, please read this manual carefully. It is your responsibility to study all instructions, necessary for safe use and operation and to understand all risks that may be involved during the use of power machines.

WARNING! Do not try to use this machine before reading this entire manual and before you know how to handle it. Keep this manual for future reference.
Pay special attention to safety instructions. Not complying with safety rules may cause injury to the operating person or to people standing by or it may cause damage to the machine or to the work piece. Pay special attention to safety notes and safety labels on the machine.
Never remove or damage them.

Please, write information such as the invoice number and the number of the sale receipt here in this box.

DESCRIPTION

This hand reel is used for horizontal pulling only. It is prohibited to use this reel for lifting objects or animals.

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|--------------------|
| Maximum load | .1,000 kg |
| Rope length | .10 m |
| Rope diameter | .5.5 mm |
| Gear ratio I | .1 : 8 |
| Gear ratio II | .1 : 4 |
| Handle radius | .200 mm |
| Shaft bearings | .friction bearings |
| Total height without the handle | .190 mm |
| Total height with the handle | .260 mm |
| Total length | .250 mm |
| Space for handle (under the base) | .180 mm |
| Base dimensions | .195 x 120 mm |
| Net weight | .6.2 kg |
| Gross weight | .6.5 kg |

The accuracy of instructions, graphs and information contained herein, depends on the printing date. Due to continuous product improvement, the manufacturer reserves the right to change technical parameters of the product, without prior customer notification.

REPAIR AND MAINTENANCE REPORT






Report and maintenance report:

| DATE | REPAIR AND MAINTENANCE REPORT | SERVICE SHOP |
|------|-------------------------------|--------------|
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SAFETY PRECAUTIONS

- This device may be used by a qualified person, 18 years or older who has been trained in work and environmental safety procedures.**
- Any person using this equipment must possess a medical certificate demonstrating his eligibility to operate this equipment.**

Symbols used in this manual

-  **Warning!**
This symbol informs you about the risk of personal injury or damage to the machine or materials.
-  **Risk of being caught by moving machine parts!**
Beware of moving machine parts. Loose clothing or body parts may get caught by moving machine parts.
-  **Warning!**
Danger of damage.
-  **Note:**
Additional information.
-  **Use personal safety gear.**

General instructions

- Plastic bags and packaging materials pose danger for small children and animals.
- Make sure you know your tool or machine and you are familiar with its operating procedure. Know the hazards if not used correctly.
- If other person will be using this machine make sure that he knows how to safely operate this equipment and that he is familiar with hazards and risk that may occur if not used correctly.
- Pay special attention to safety notes and safety labels. Do not remove or damage them. If the warning label becomes unreadable or damaged please, contact your vendor.
- Keep your working place clean. Disorganized working area may cause accidents.
- Never work in tight spaces or in purely lit rooms. Make sure the floor is solid and stable and that you can move around easily. Maintain stable posture during work.
- Stay focused and use all your senses. Pay attention to the working procedure. Do not continue to work if you cannot pay attention.
- Maintain your tools clean.
- Handles must be kept free of grease and dirt.
- Make sure no children, unauthorized persons or animals have access to your workshop.
- Never put your hands or legs inside the working area.
- Never leave your machine unattended during operation.
- Use only for purposes for which it has been designed.
- Use personal protective gear such as safety goggles, ear protection, respirator, safe working shoes etc.
- Do not overreach and use both hands.
- Never work under the influence of alcohol or other drugs.

- Do not use the machine if you feel dizzy or weak.
- Any modifications or improvements to the machine are strictly prohibited. If you discover any cracks or damages to the machine, DO NOT USE.
- Never perform any maintenance during operation.
- If you see any unusual sign or hear any strange sound, stop working immediately.
- Do not forget to remove all wrenches and screwdrivers from the machine after use.
- Before use, make sure all screws are tighten securely.
- Perform maintenance regularly. Before use make sure the machine is in good working conditions and without any damage.
- Use only original spare parts during repairs.
- Using non-original spare parts or other parts not approved by the manufacturer may cause injury to the operating personnel.
- Use this machine only for work that is capable of handling. Use this machine only for work that is capable of handling. Do not overload tools, accessories or the machine. For large work volume use more powerful machine.
- Do not overload your machine. Measure the work load in such way, so it could be done with comfortable speed. Damages due to machine overload are not covered by warranty.
- Do not expose to extremely high temperature or direct sunlight.
- This machine is not design for use in humid environments or under water.
- If you are not using your machine, store it in a dry and safe place, out of reach of children.
- Before use make sure that all safety elements work correctly and efficiently. Make sure all moving parts are in good working conditions.
- Before use make sure that no part is cracked or stuck, Make sure all parts are attached and assembled as designed. Beware of all other conditions that may have a negative effect on the proper functioning of your machine.
- If not stated otherwise in this manual, all damaged parts and safety elements must be repaired or changed.



Assembly

- Do not use the machine unless completely assembled.



Rope reel

- Do not wear jewellery or loose clothing during work. They may get caught by machine moving parts.
- Use protective leather glove when handling the rope. Do not handle the steel rope with bare hands. Small steel wires may cut your skin.
- We recommend using suitable skid-proof shoes.
- Cover long hair with a hat or cap entirely.
- Keep all persons at a safe distance from the reel rope during work. We recommend a distance of 1.5 times the length of the line. If the line breaks under tension, it may swing back vigorously and cause severe injuries or death.
- Never step over the steel line.
- Keep in mind that the rope is flexible and stretched under load. Not complying with all safety rules may cause the rope swing back and cause injuries.
- Use only on solid and levelled floor or ground.
- Before starting your work make sure the reel is secured against movement.
- Use extra caution during releasing the object.
- Release or lower the object slowly. Beware of sudden stops or sudden quick release.
- Keep all bystanders or spectators away from the working area. Keep correct posture and safe distance at all times. Before starting your work, get familiarized with the working environment. Remove all obstacles

DISPOSAL

When the operational life of your device is over, dispose off it in accordance with valid rules and regulations. Your product is made of metal and plastic parts that may be recycled when separated.

1. Disassemble all parts.
2. Separate all parts according to the material they are made of (e.g. metals, rubber, plastics, etc.).
Take the separated parts to the recycling facility near you for further processing.

Information about the locations of recycling centres may be found at your local City office or throughout an Internet search.


CAUTION


If the machine breaks down, send it back to the vendor for quick repair.
Please, enclose brief description of the defect. That makes repair easier. If the machine is still covered by warranty, enclose the warranty card and proof of purchase receipt. After the warranty period expires, we repair your machine for a special price.

To prevent possible damages during shipping, packed the machine carefully or use the original packaging material. We are not liable for shipping damages due to incorrect packaging of your machine. If making a claim at the shipping company the level and method of packaging plays a major role during claim evaluation process.

Note: Pictures and contents in this manual may slightly differ from the actual product or accessories.
It is due to continuous improvement of our products. Such small differences have no effect on the product functionality.

that may cause safety hazards or injuries during work. Tripping and fall may cause serious injuries, namely if the falling person hits the steel rope.

- Never overload the steel line. Observe the maximum capacity shown in the chart. Not even temporary impact load may be stronger than the maximum allowed load.
- Check the reel carefully before each use. Any damaged part must be repaired or changed in authorized service centre.
- Use only identical and genuine spare parts during repairs. Using unauthorized or unsuitable parts may cause severe damages to the machine property or may cause personal injuries or death.
- When reeling the line in or out use protective leather gloves. To correctly rewind the line, you must keep the rope under small tension all the time. Hold the rope with one hand and use the other hand to reel the rope in. Try to face away from the load and try to stand as close to the middle as possible. When winding the line in make sure that the line is reeled in towards the centre of the reel drum. Keep it under tension and observe that the turns are finished evenly on the drum.
- Make sure the rope will not slip out during reeling in.
- Do not use the reel if the hook safety clamp is damaged or not working properly. It is prohibited to use your machine without properly functioning hook clamp.
-  **This hand reel is used for horizontal pulling only. It is prohibited to use this reel for lifting objects or animals.**

 Rope reeling mechanisms are not designed for boat anchoring or pull-cart/trailer fastening. If you need to do such work, use special equipment designed for this type of work.

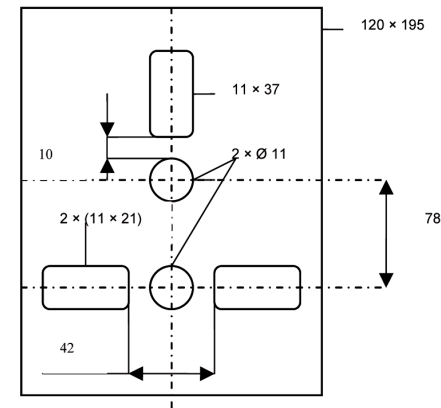
Power equipment

- If your machine is equipped with depressed springs, use suitable device to release them slowly and safely.

ASSEMBLY

- Before throwing the packaging material out, make sure no part is left inside. If so, take it out and install it. Use the part listing for check-up and the installation drawing for guidance.

Anchoring holes layout and dimensions



- Mount the reel on a solid structure that is capable of withstanding load of max. 2,500 kg). To mount the reel use screws M10/8.8, safety nuts and washers.

OPERATION

Do not over load the reel. Observe the max. load specifications.

 When you fully unwind the rope, leave at least 4-6 turns on the reel drum to ensure enough friction.

Rope or steel rope must be evenly wound on the drum. Reel is equipped with safety mechanism against reverse motion.

 **Never unwind the entire rope under load/tension! The rope may come out of the drum.**

To fasten the rope on the drum you do not need any screws, nuts or holding mechanism. Fasten the rope by pushing it through the openings on the drum side as seen on the picture. Before use make sure that all screws, nuts and fastening clamps are securely tightened.



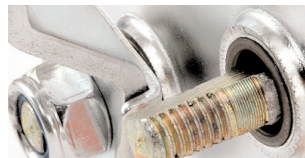
Fastening the load to the rope hook

- Make sure the safety hook clamp is working properly. It is prohibited to use your machine without properly functioning hook clamp.



Handle assembly

- Put the handle on the reel shaft and secure it in place with safety nut.
- It is prohibited to use your machine without properly fastened handle. Risk of bodily injuries.



Fast unwinding without load

- Turn the safety clamp to its middle position and pull the rope out until you reach the required length.

Note

- You must hold the safety clamp in this position during the entire unwinding process.
- **In this position the reverse motion mechanism is disabled!** If the rope is under tension or load, the drum may start spinning out of control, as well as the handle, which may seriously injure the operation personnel.

CAUTION

When you fully unwind the rope, leave at least 4-6 turns on the reel drum to ensure enough friction and to make sure that the rope is securely fastened on the drum.

Winding the rope under tension or load

- Flip the safety clamp towards the drum.
- Turn the handle and start to reel the rope in.
- The safety mechanism will click on each teeth, preventing the rope from going out if you release the handle.



Unwinding the rope under tension or load

- Turn the handle in the same direction as during winding in to release the safety mechanism.
- Hold the handle firmly to balance for the weight of the load. Flip the safety clip away from the drum.
- Turn the handle slowly until the rope is released (no tension).



CAUTION

When you fully unwind the rope, leave at least 5 turns on the reel drum to ensure enough friction and to make sure that the rope is securely fastened on the drum.

MAINTENANCE

- Keep your machine/tools clean. Dirt may enter the inner mechanism of your machine and cause damage.
- Do not use aggressive cleaning solution or paint thinners to clean the machine.
- Clean plastic parts with cloth dipped in soap water.
- Clean and lubricate metal surfaces with a cloth dipped in paraffin oil.
- If you are not using your machine, conserve it with grease and store it in dry place to prevent corrosion.
- Make sure that all parts work properly and that are in good working conditions. Make sure that no rust or deterioration due to salt exposure are present.
- Do not use the reel if the rope is damaged, tangled up or the diameter (rope cross section) is narrowed down. Do not touch the rope, pulley or drum during work.

Detailed description of the use of this device is not included in this manual, because the manufacturer / distributor assumes that the user is experienced in similar type of work. Also according to the applicable law, this device is considered as a commonly sold and used tool. If the user is unfamiliar with the use of this device, we recommend finding out more information about using this device at the Department of work safety.

Lubrication

- Lubricate working surfaces with appropriate grease regularly.
- Make sure that all moving parts and surfaces are clean and in good working conditions.