



1000 lb. Portable Winch



WARNING

To avoid personal injury and/or property damage, please read and follow
ALL instructions before assembling and operating.
KEEP THIS MANUAL FOR REFERENCE

Contact Information
Marine City, Michigan 48039
Thamesville, Ontario N0P 2K0
Toll Free: 1-888-546-4668

Safety

**READ THOROUGHLY BEFORE OPERATION YOUR WINCH.
FAILURE TO FOLLOW INSTRUCTIONS COULD RESULT IN
SERIOUS HARM OR DEATH**

1. DO NOT exceed the rated capacity
2. DO NOT use for lifting or moving people or animals
3. Maintain a safe distance to the side of the cable when under tension
4. NEVER step OVER or NEAR a cable under load
5. The wire may break before the motor stalls. When loads are near or at rated capacity, use a pulley block/snatch block to reduce the load on the wire rope.
6. DO NOT operate vehicle to pull a load on the winch cable (towing). This could result in cable breakage.
7. Use specified anchor points on vehicle per manufacturer.
8. Winch is not intended to secure or hold a vehicle for extended period of time.
9. Do not use winch to secure load for transportation
10. After use disconnect remote control and battery leads
11. Do not accelerate your vehicle while winching. Loss of traction can cause a shock load on the cable.
12. Keep sparks, and flames away from batteries at all time. Do not lean over battering during operation. Wear protective eyewear.
13. Do not hoist loads or use for overhead lifting.
14. If motor stalls, do not maintain power to the winch.
ELECTRIC WINCHES ARE DESIGNED FOR INTERMITTENT USE.
15. Operate winch for short bursts. If the motor becomes uncomfortably hot to the touch, stop winching immediately. *DO NOT EXCEED PULL FOR MORE THAN 1 MIN. AT OR NEAR RATED LOAD.*
16. Never release the free-spool clutch when there is a load on the winch.
17. Use hook strap when handling the hook for spooling or unspooling the wire rope.
18. Use gloves when handling the cable. Never let the cable slide through your hands.
19. DO NOT wrap the cable around any object and hook back onto itself.
20. Use blocks under wheels of vehicle when on incline.

**IF YOU HAVE QUESTIONS ABOUT YOUR WINCH, OR
ABOUT WINCH SAFE USE CONTACT
1-888-546-4668**

Specifications

Line Lift (lb) Levée de câble	Line Lift (lb) Levée de câble	Battery Voltage Tension de la batterie	Line Speed (MPM) Vitesse de câble	Line Speed (FPM) Vitesse de câble	Current Courant
0	0	28V	2.1	6.9	4
250 lb.	114 kg.	28V	2	6.6	7
500 lb.	227 kg.	28V	1.9	6.2	11
750 lb.	341 kg.	28V	1.8	5.9	14
1000 lb.	454 kg.	28V	1.7	5.6	18

Layer		1	2	3	4
Capacity per layer Capacité par couche	lb.	1000 lb.	861 lb.	756 lb.	674 lb.
	kg.	454 kg.	391 kg.	343 kg.	306 kg.
Length per layer Longueur Par couche	ft.	8.5 ft.	19 ft.	30.6 ft.	38.4 ft.
	m.	2.6 m.	5.8 m.	9.3 m.	12 m.

Components

1. Winch / Treuil
2. Remote Wiring / Câble
3. Hook / Crochet
4. Remote Control / Télécommande
5. Assist strap / Sangle d'appoint
6. Two Batteries/Deux piles
7. Battery Charger/ Un chargeur



Warning

General Safety Precautions:

FALLING OR CRUSHING

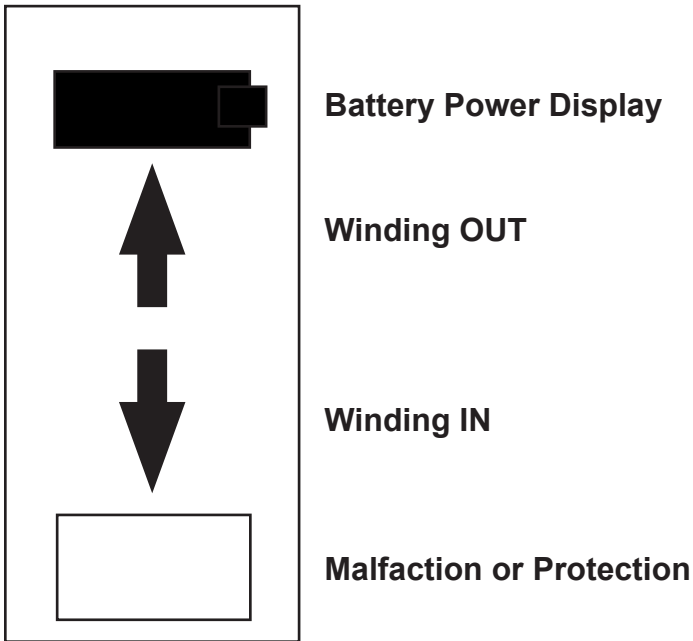
Failure to follow these instructions could lead to serious injury or death.

- Never attach a recovery strap to the pulling tool hook to increase the length of a pull,
- Always use a hook with a latch.
- Always ensure hook latch is closed and not supporting load.
- Never apply load to hook tip or latch. Apply load only to the center of hook.
- Never use a hook whose throat opening has increased, or whose tip is bent or twisted.
- Never attempt to tow a vehicle or object with the recovery strap attached directly to the pulling tool hook.
- Never use bungee straps that develop tremendous and potentially dangerous amounts of force when stretched.
- Always avoid side pulls which can pile up cable at one end of the drum. This can damage cable or pulling tool.
- Never hook cable back onto itself. This will damage the cable.
- Always use a choker chain, choker cable, or strap. Never use pulling tool to lift or move persons,
- Never use pulling tool to lift load over people.
- Always use suitable anchor point when handling load

FALLING OR CRUSHING HAZARD

Failure to follow these instructions could lead to serious injury or death.

- Never use pulling tool to secure a load,
- Never shock load cable. Shock load can damage, overload and break cable.
- Never use the pulling tool's cable to tow another load.
- Vehicle or object collision during towing can exceed cable strength.
- Always make sure the anchor you select will withstand the load and the strap or chain will not slip.
- Always take time to use appropriate rigging techniques for pulling / lifting.
- Never spool out past length of red cable.
- Never exceed pulling tool or cable capacity listed on product data sheet. Using a snatch block to reduce pulling tool load.
- Never exceed 1000 lb. (454 kg) Maximum pulling capacity.
- Always use suitable anchor point capable of handling load.
- Always use factory approved mounting hardware, components, and accessories.
- Always rewind under tension load after use.
- Tightly wound cable reduces chances of "binding", which can damage the cable.
- Always wind the cable onto the drum in the direction specified by the product warning label on the product and/or documentation.
- Always avoid turning switch on and off while using this product. This can damage motor controls unit and cable.



1. Please fully charge / recharge unit before every use.
2. Display of battery power: five grids.
3. When the battery power displays only one grid, please charge it soon.

Error Code	Problem	Solutions
E1	Winch stops working	Rope "IN" limit. Stop winding rope.
E2	Winch stops working	Rope "OUT" limit. Stop winding rope.
E3	Winch stops working	The load reaches the setting protection load; Reduce the load.
E4	Winch stops working	Low voltage of battery. Charge the battery.
E5	Winch stops working	Maximum current reached, fuse breaks or battery breaks.
E6	Winch stops working	The motor temperature reaches the maximum temperature; Stop using portable winch and let it cool to room temperature before using it again.
E7	Winch stops working charged.	Check the power socket problem. If so, replace the socket.

Instructions

Battery Mount, Status & Charging

1. Battery installation and unloading

During the installation, please confirm that the power switch is at “OFF /O” position. Battery release button must be at the top, align the contact point of the battery against the corresponding contact point on the battery slot, slide the battery in, and gently press until the battery is locked in place.

When remove the battery from pulling tool, confirm the power switch is in the “OFF /O” position.

Press down the battery release button and remove the battery.

2. Battery power

When the battery is intalled in pulling tool, the battery status can be examed by opening pulling tool and looking at the battery frame in the display screen on the fuselage.

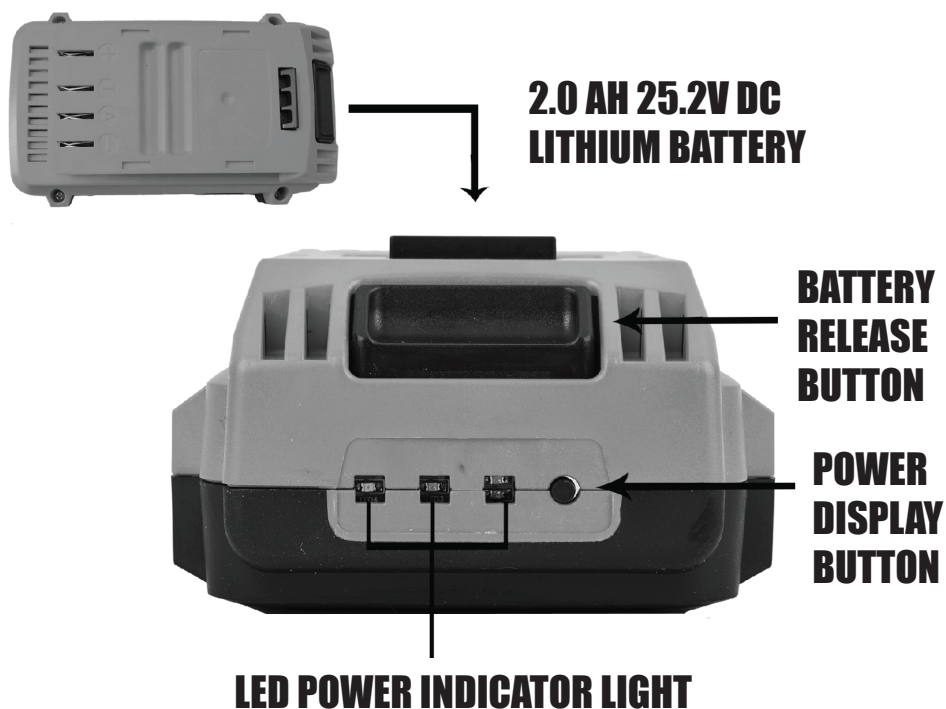
There is a power display button and three LED power indicator lights on the top of the battery. After pressing the button, the battery status will be displayed:

Three LED lights are on and green, indicating a full battery.

One LED light is off, the other two are green. If the indicator does not flicker, the power level is between 40% and 70%.

When only one LED light is green, use it after charging.

If the indicator light is red, please charge as soon as possible.

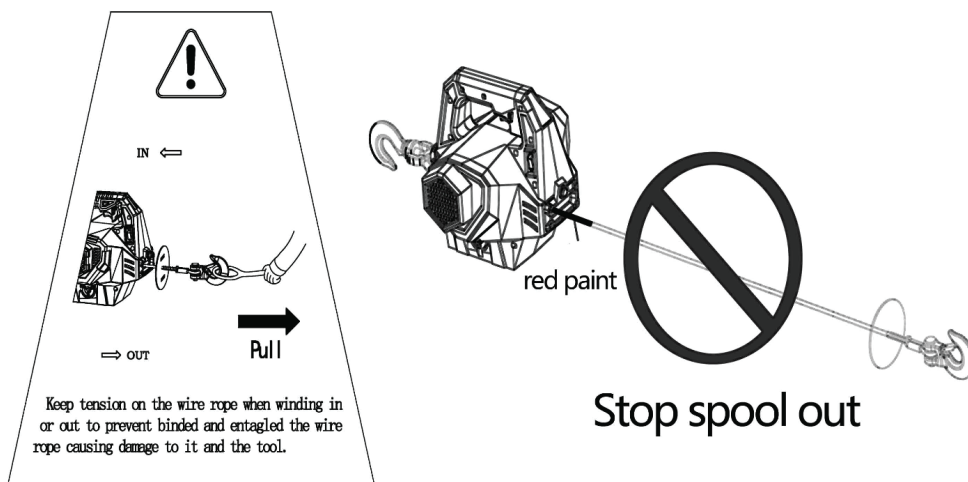


Operations

Before using this machine to lift or pull a load, it is important to know how it works.

This tool is a portable machine for lifting and pulling. This powerful tool has a power switch, a directional switch and a speed controller. The directional switch controls the forward and reverse rotation of the drum. The speed controller can change the speed when winding in or out.

When spooling out or rewinding the cable, it is necessary to keep a tension on the cable to prevent binding and entangling the cable, causing damage to it and the tool. Do not spool out any more when you see the red paint on the cable. Always keep at least 5 wraps of cable around the drum, avoid spooling the drum in the wrong direction. Never spool the cable out pass the red painted on the cable.



The following situations will cause the system winch to enter the protection state.

At 90% of the pulling capacity the overload indicator turns red

The battery is overheating.

Low battery.

When this occurs, please follow these steps:

Turn off the power switch.

Remove the battery.

Overload: Release the loading or increase the distance of the anchor point or use a snatch block to increase the pulling power.

Overheating: Allow the battery to cool to room temperature.

Low battery: Charge the battery.

Install the battery back into the product.

Turn on the power switch.

The tool is now ready to be operated again.

Operations

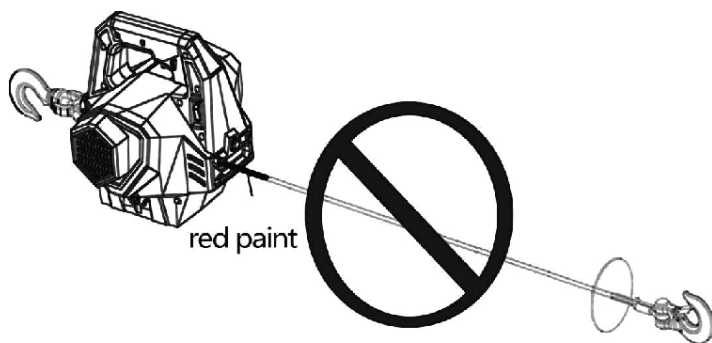
Step 1: Put on gloves and attach the strap to the hook.

Step 2: Install the battery. Make sure the position of power switch is at “OFF/O”. Put the battery into this product, ensure the latch is fully engaged.

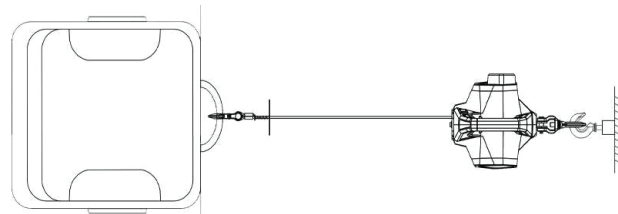
Step 3: Power on the tool. Turn the power switch to the position “ON/I”. Always turn the power switch to “off” when not in use.

Step 4: Spool out. Press the directional switch to “▲”, then press and hold the speed controller.

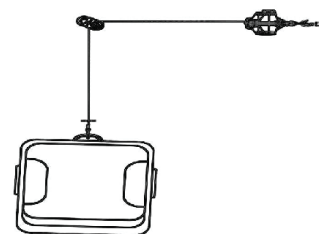
Always keep some tension on the cable to prevent binding and entangling the cable, causing damage to it and the product. Never spool the cable out past the red painted on the cable.



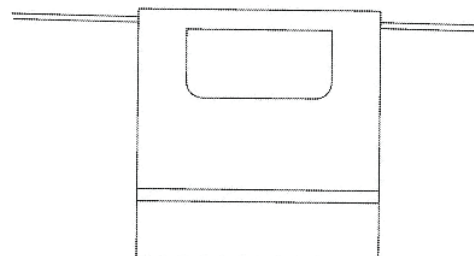
Stop spool out



Snatch Block can change the direction of the pull



Step 5: Secure an anchor point. Using the swiveling anchor hook to attach the anchor point. Always make sure that the anchor you intend to use is capable of withstanding the load. Never hook the cable back onto itself. This could damage the cable. A tree saver or choker chain is recommended.



Operations

Step 9: Plan to pull or lift.

Ensure all the connections are secured. Line up your pulling direction as straight as possible. Side pulls can cause the cable to bunch at one side of the drum which can damage the cable and product.

Step 10: Start pulling or lifting. Press the directional switch to “▼”, then press and hold the speed controller to wind in the cable. Never exceed pulling capacity. Double the cable number using a snatch block to reduce load.

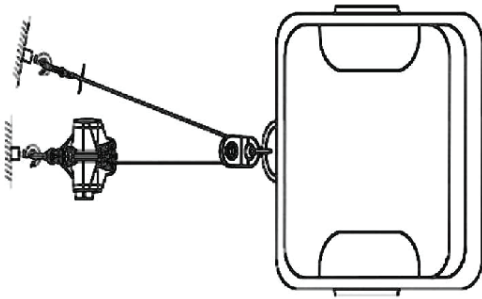
Step 11: Disconnect the hook from load and anchorpoint. Be sure to secure the load completely. Press the directional switch to “▲”, then press and hold the speed controller, release tension in the cable. Disconnect the hook from the load and anchor point.

Step 12: Rewind cable. Press the directional switch to “▼”, then press and hold the speed controller to slowly wind in the cable. Always keep tension on the cable to prevent binding and entangling the cable, causing damage to it and the tool. Do not let cable slide through your hand.

Step 13: Turn off the pulling tool. Make sure the position of power switch is “OFF/O”. Store in a clean and dry place and avoid children to contact and play.

The operation is now complete.

Snatch Block can reduce load



WARNING:

Considerations for using this product:

Always spend some time check the load and determine whether the load is within the specified load range of the product.

Always check the product for malfunction and battery status.

Always wear gloves to prevent injury of hands caused by steel cables.

Always pay attention to the safety of yourself and people around you.

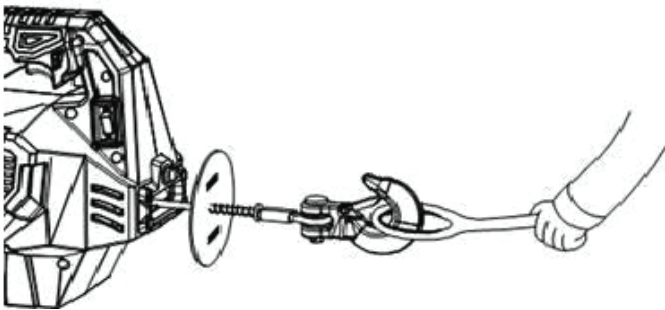
Accessories

Pulling tool is a very handy tool. Following accessories can make your operation safer and more convenient.

Gloves: gloves play an important role in the installation and operation of pulling tool. The steel cable of pulling tool is easy to cause skin damage and bleeding. Protective gloves protect your hands.



Hook Strap: used to pull the hook. During the operation, you need to connect the hook belt to the hook and provide some tension when laying and winding the cable.



Snatch Block: change the pulling direction, increase the pulling force of pulling tool, reduce the damage of the steel cable



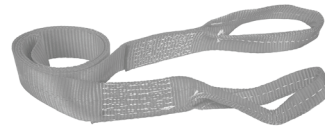
WARNING:

Conditions may exist during traction, resulting in failure to perform operation or can't to maximize tension. Before using pulling tool, you must consider all the conditions in the operations and select the appropriate accessories to help you, so it is important to know how to use the accessories.

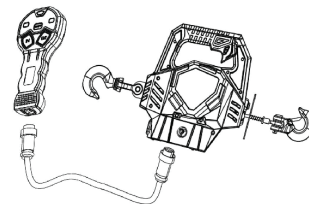
D-Shackles □ The shackle is used to connect the Snatch Block and the Tree Saver. The shackle pin is threaded for easy removal. The use of the shackle shall should not exceed the specified safety load.



Tree Saver □ the tree saver has a strong breaking force. You can use it to create an anchor convenient for you to pull and lift.



Remote Control □ remote control supports wired and wireless operation, allowing you to use pulling tools without pressing button on the product itself, making the operation more secure and convenient.

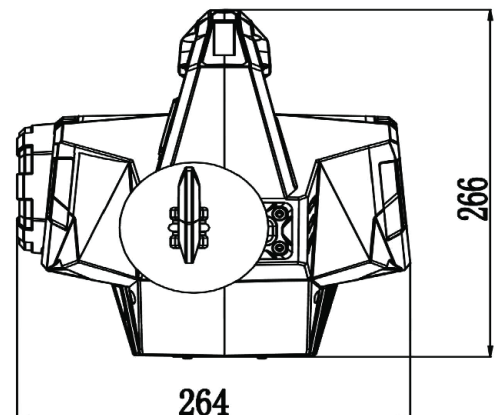
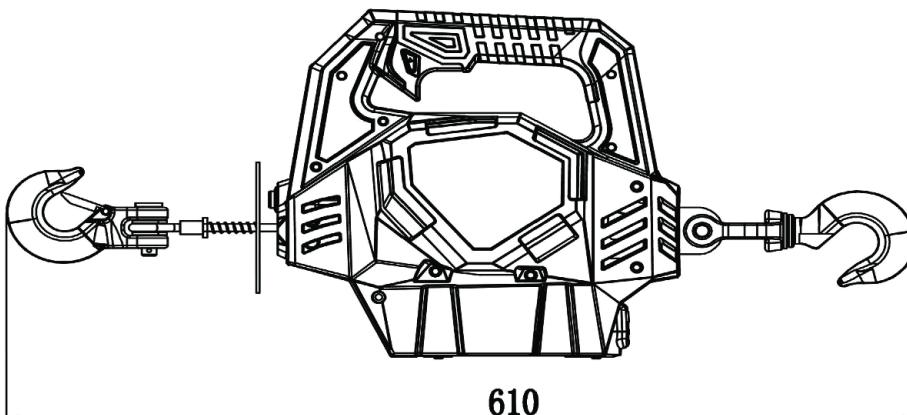


Specifications

Product Maintenance:

Both pulling tool, accessories and cables must be carefully maintained to prevent damage and wear after use. If the cable is damaged, it is recommended not to use it. Replace it as soon as possible. It is very dangerous to use damaged cable. Before using, it is best to examine pulling tool and battery parts carefully. Battery components also need to be inspected or replaced regularly to make sure they are not damaged. If you have any other questions, we welcome your inquiries at any time.

Rated line pulls:	1000 Lbs. (454kgs)
The power supply:	25.2V DC
Cable:	5mm*12m
Battery:	Lithium Battery
Battery capacity:	2.0AH
Battery charger input	100-240V AC 50-60Hz 75W
Battery charger output	21.0 V
Dimensions:	24"×10"×10.5" (610mmX256mmX267mm)
N.W:	17.2LBS (7.8KGS)
DIMENSIONS	



Warranty

Warranty Qualifications

Effective from the day you purchase the product. Please keep your dated purchase invoice as proof.

Repair/Replacement Warranty

Erickson Manufacturing Ltd. warrants to the original purchaser that the mechanical components will be free of defect in material and workmanship for 90 days from the original date of purchase. Transportation charges on product submitted for repair or replacement under warranty are the sole responsibility of the purchaser. This warranty only applies to the original purchaser and is not transferable.

Do Not Return The Unit to the Place of Purchase

Contact Erickson Manufacturing Ltd's Technical Service and service people will troubleshoot any issue via phone or email. Repairs or replacements without prior authorization, or at an unauthorized repair facility, will not be covered by this warranty.

Warranty Exclusions

This warranty does not cover the following repairs and equipment:

Normal Wear

This warranty does not cover the repair when use has exhausted the life of a part or the equipment as a whole.

Installation, Use and Maintenance

This warranty will not apply to parts and/or labor if this product is deemed to have been misused, neglected, involved in an accident, abused, loaded beyond specifications, modified, or installed improperly. Normal maintenance is not covered by this warranty.

Other Exclusions

This warranty excludes:

- Cosmetic defect such as paint, decal etc.
- Wear items
- Accessory parts
- Failures due to acts of God and other force majeure events beyond the manufacturer's control.
- Problems caused by parts that are not Erickson Manufacturing Ltd. parts.

Limits of implied Warranty and Consequential Damage

Erickson Manufacturing Ltd. disclaims any obligation to cover any loss time, use of this product, freight, or any incidental or consequential claim by anyone from using this product. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** A unit provided as exchange will be subject to the warranty of the original unit. The length of the warranty governing the exchanged unit will remain calculated by reference to the purchase date of the original unit. This warranty gives you certain legal rights which may change from state to state. Your state and/or province may also have other rights you may be entitled to that are not listed within this warranty.

Contact Information

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