



# PORTABLE ELECTRIC WINCH

Model No. 70336

- 2000 LB Pulling - 5000 LB Marine - 6000 LB Rolling Capacity
- 29 ft. long cable with safety hook
- Remote control
- 20 ft. long power cord
- Hitch ball mount for quick and easy use.
- Can be permanently mounted



This Instruction Sheet contains **IMPORTANT** safety information.  
Please read and keep for future reference.



**CEQUENT™**  
CONSUMER PRODUCTS

# **⚠WARNING**

**Read and understand all warnings and instructions before using this product. Failure to follow these directions may result in property damage, serious bodily injury, and/or death.**

- Do not use as a hoist. Do not use for lifting; lifting people; or lifting loads over people.
- Do not wrap cable around object and back onto itself.
- Do not pull cable over or around corner.
- Do not operate winch with less than 3 wraps of cable around the drum.
- Ensure work area is clear and free from clutter.
- Do not exceed the capacities of this winch. Overloading can lead to dangerous malfunction.
- Do not use winch when flammable gasses or liquids are present.
- Do not wear unrestrained hair, clothing or loose articles that may become caught in equipment.
- Keep power cord safe from damage. Do not yank on cord or expose it to corrosive environments.
- Keep equipment well maintained. Check entire system for any type of damage before each pull.
- Repair any damage before operating.
- Wear ANSI approved eye wear and heavy gloves when working with this equipment.
- Stay out of direct line of cable in case of slippage or breaking.
- Use a spotter to assist you in keeping a safe working area. Ensure spotter is in a safe location.
- Do not use a weak or leaking battery.
- Do not use manual crank to assist winch. This may cause damage to the winch and may injure user.
- Ensure mounting point of winch is capable of sustaining maximum load of winch.
- Do not attach objects to winch hook to increase length of pull.
- Do not use winch when under the influence of any drugs or alcohol.
- Do not allow children or anyone unfamiliar with these instructions to operate winch.
- Do not modify or alter winch.
- Only attachments and/or adapters supplied by manufacturer shall be used.
- Place a heavy blanket on cable to lessen severity of broken cable condition.
- Do not use vehicle pulling power to increase pulling capacity of winch.
- Do not connect your winch to anything but a 12 volt DC power supply.
- Do not use winch to secure a load. This winch is to be used for pulling only.
- Winch is for intermittent use only.

**THIS WARNING IS GIVEN IN COMPLIANCE WITH CALIFORNIA PROPOSITION 65**

**WARNING:** This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

## Specifications

Power Supply	12V DC
Line Speed	6 ft./min.
Stall Load	2100 lbs.
Cable Length	29 ft.
Remote Switch	10'
Power Cord	20'

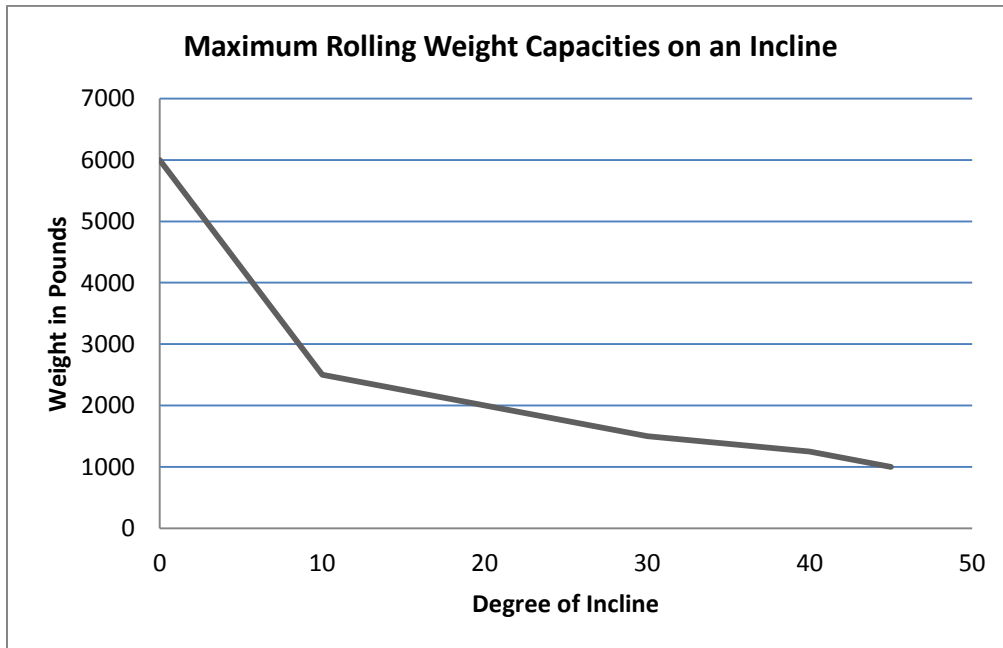
Rated Line Pull	
Cable Layer	Capacity in lbs.
1	2000
2	1500
3	1250
4	1000

Current Draw	
Load (lbs)	Amps
0	3-4
1000	23
2000	29

1st Layer Capacity On Flat Ground	
Rolling (in motion)	6000 lbs.
Marine	5000 lbs.
Straight Pulling	2000 lbs.

### NOTICE

Pulling capacities greatly decrease as the degree of incline increases. See chart below.



**Duty Cycle:** Fully loaded 2000 lbs.- 6-7 minutes of operation. Allow 7-9 minutes to cool before continuing. Moderately loaded 500 lb. – 12-14 minutes of operation. Allow 45 seconds to 1 minute to cool before continuing.



Electric Winch

Power Cord

Remote Control Unit

Manual Crank

Hitch Ball Mounting Plate

## Wiring Winch for Operation

1. Remove cover on right side of winch and plug power cable into appropriate socket.
2. Route the power cord from the winch to the battery in such a way as to avoid any tangling or tripping hazards.
3. Connect BLACK clamp on power cable to your vehicle frame to establish a good ground connection.
4. Connect RED clamp on power cable to positive terminal (red/+) on vehicle's battery.
5. Set remote control unit aside in a safe place until you are ready for pulling. Connect remote control unit plug into appropriate socket just before operation and disconnect immediately after operation. Do not leave remote control unit plugged into winch while not operating.

## Permanent Mounting of Winch

1. Select a mounting site on your vehicle bumper, trailer, winch stand or other suitable site that will withstand the 2000 lbs. pulling force created by the winch.
2. Place winch in desired location and mark the locations of the 4 holes that will be used for mounting.
3. Use only hardened steel bolts with a minimum diameter of 3/8" and a maximum diameter of 1/2" to secure winch.
4. Center punch and drill the 4 holes using a drill bit slightly larger than the diameter of bolt selected for mounting.
5. Install winch in desired location using 4 bolts, flat washers, lock washers and nuts.

### **NOTICE**

If installing winch on a boat trailer be sure the winch is mounted slightly higher than bow stop on trailer and far enough back from the bow stop that the cable hook will not be drawn into the housing when boat is loaded onto trailer.

## Temporary Mounting on Hitch Ball

1. Slide the pins of the hitch ball mounting plate into the keyhole slots on the bottom of the winch.
2. Place the largest part of the hole on the hitch ball mounting plate over the hitch ball and slide the narrowest part of the hole onto the neck of the hitch ball.
3. The winch may need to be supported until the cable is attached to the object being pulled and enough tension is applied to the cable to keep the connections taught.

## Operation of the Winch

1. If winch is mounted to vehicle, apply parking brake and block the wheels from rolling with suitable chocks. Put vehicle in neutral to avoid damaging the transmission.
2. Turn clutch knob clockwise to disengage clutch.
3. Use gloves if holding the hook or cable by hand. Pull out required amount of cable making sure a minimum of 3 turns of cable are left on the cable drum.
4. Hook onto pulling point, tow strap or chain. Do not wrap cable around object and hook onto itself.
5. When ready to pull, turn clutch knob counter clockwise to engage clutch.
6. Check to ensure all unnecessary bystanders are at a safe distance and are aware that you are about to pull.
7. Plug remote control unit into appropriate socket. Stand well clear of cable with an unobstructed view and path to the operation. Slowly begin to wind the cable by pressing the button on the remote control unit. Stop once there is no slack in the cable. Remove the remote control and check all connections.
8. If all connections are secure and the area is still clear, connect remote control and resume slowly and evenly pulling object. You may want to have your vehicle's engine running while operating the winch to ensure the battery is not drawn down.
9. When pulling is completed properly secure winched object.
10. After securing load release the tension on the cable. Disconnect remote control. Disconnect winch cable and hook from pulling point.
11. To respool the winch cable, connect the remote control and respool while maintaining a slight load on the cable to ensure the cable is wound tightly and evenly around the drum. Use gloves if holding the hook or cable by hand.

12. Disconnect remote control from winch when respooling is complete.
13. Cable may be stored on winch spool when not in use.

#### **Using the Manual Crank**

1. Disconnect power to winch.
2. Remove one lock nut from clutch knob shaft.
3. Place handle on clutch knob shaft and re-install lock nut.
4. Rotate handle counter-clockwise to tighten cable.
5. Always remember to remove manual crank when not in use.

#### **Periodic maintenance**

1. Periodically lubricate cable with a light oil.
2. Grease gears every 6 months with a waterproof grease. To access gearbox simply remove clutch knob.