

ATLANTIC

WINCHES



2000lb Cadet Electric Winch

INSTRUCTION MANUAL

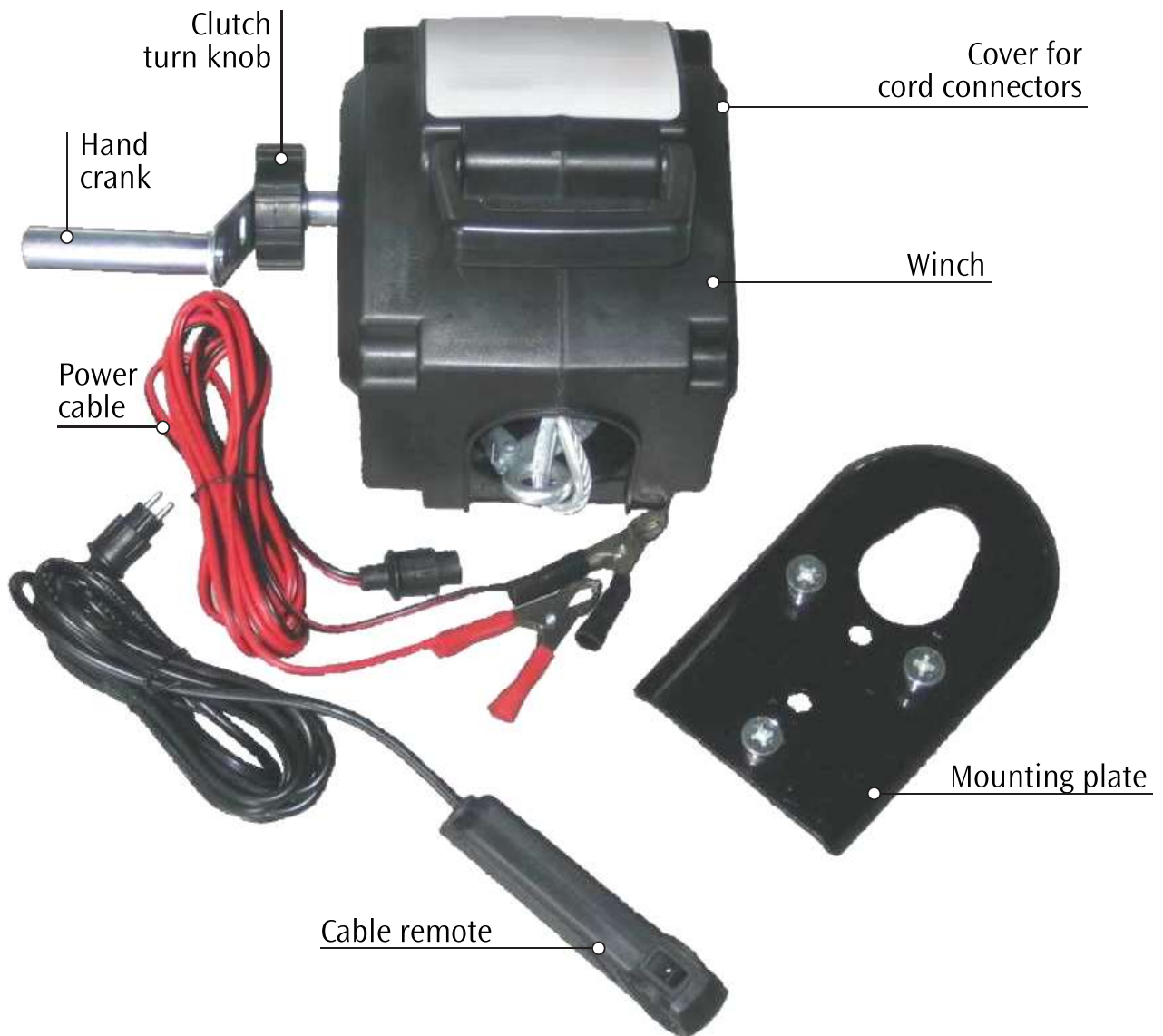
Dear Customers

This manual contains important information on operating and handling the device. Keep these operating instructions for further reference. Please pass it on along with the unit if it is handed over to a third party!


Please read the safety instructions!

These instructions will make it easier for you to handle the device appropriately and help prevent misunderstandings and possible damage or injury.

Overview



Technical Data

Type	2000lbs	Sliding Load	900kg
Power Supply	12V 	Floating Load	2250kg
Power Input	25A	Rolling Load	2700kg
Cable Length	9 metres	Line Speed	1.3m/min
Length of Power Cable	3 metres		
Length of Remote Cable	3 metres		

Safety Notes



PLEASE NOTE THE FOLLOWING SAFETY NOTES TO AVOID MALFUNCTIONS, DAMAGE OR PHYSICAL INJURY:

- The winch is not suitable for lifting loads! It is only suitable for pulling and moving loads.
- To mount the winch, use only bolts and lashing devices which can bear the involved loads.
- Do not overload the winch.
- Keep children and uninvolved persons out of the working area.
- Moving persons with the winch is prohibited.
- Wear suitable safety gloves when operating the winch.
- While the cable is under load do not stand directly behind or over the winch but stand sidewise, in an angle of 90° to the winch.
- Do not stand on or over the loaded wire.
- During operation, keep your hands away from all load bearing cogs, discs, levers and pulleys.
- Under load at least three turns of cable must remain on the drum. Do not unroll the cable beyond the red marking.
- Do not use the winch to move loads which may drop or roll, if necessary; take precautions to prevent the load from falling over or rolling.
- Turn the crank only by hand; do not fit motors of any kind.
- Use only original spare parts.
- The service life of the winch is limited, worn out parts must be replaced in a timely manner.
- The winch is designed and build in accordance to the applying safety regulations.
- Have the winch examined once a year by a safety expert.
- Keep your working area clean and tidy.
- Do not work with the unit in an area where an explosion hazard is present on account of flammable liquids, gases or dusts.

Safety Notes



PLEASE NOTE THE FOLLOWING SAFETY NOTES TO AVOID MALFUNCTIONS, DAMAGE OR PHYSICAL INJURY:

- Keep the unit away from rain and moisture.
- Do not abuse the cable by using it to carry the unit, to hang the unit up or to pull the plug out of the socket. Protect the cable from heat, oil, sharp edges and moving parts of the unit.
- If you work outside using an electric tool, use only extension leads which are approved for use out of doors.
- Be alert, pay attention to what you are doing, and approach work with an electric tool in a sensible way. Do not use the unit if you are tired or under the influence of drugs, alcohol or medicines.
- Do not overestimate your abilities. Ensure secure standing and stay balanced at all times.
- Wear suitable clothes. Do not wear loose clothes or jewelry. Keep hair, clothes and gloves away from moving parts.
- Do not use any electric tool with a defective switch.
- Remove the plug from the socket before making any adjustments to the unit, exchanging accessories or putting the unit away.
- Service the unit carefully. Check that movable parts function correctly and do not jam, and whether any part is broken or damaged in such a way that the function of the unit is impaired. Have any damaged part repaired before using the unit.
- Use electric tools, accessories, inserts etc. according to these instructions and as required for the specific unit type. Take account of the working conditions and the work to be carried out.
- Only allow qualified technicians to repair your unit using only original replacement parts.

Operation

ATTENTION!

- This winch is not suitable for lifting loads! It is only suitable for pulling and moving loads.
- Before use, make sure the cable is in good condition and use only lashing material that is suitable and sound.
- If the cable breaks under load, it may whiplash violently. Stay out of the danger zone and make sure no other persons are endangered. Always stay sidewise of the winch, in an angle of 90°.
- Do not use the hand crank and the motor at the same time. This may cause injuries and damage to the winch.
- Do not use the winch from a motor vehicle with a running engine.

ATTACHING THE WINCH

The winch is delivered with a mounting plate for attachment to the trailer hitch of a motor vehicle.

Hook the mounting plate to the base plate of the winch with the coupling studs and slide the hole in the mounting plate over the trailer hitch.

ELECTRIC CONNECTION

1. Open the cover (7) by sliding away the cover from the housing.
2. First, connect the plug of the cable remote to the suitable socket on the winch.
3. Connect the power cable to the suitable socket on the winch.
4. After the steel cable has been attached to the load, clamp the black (minus) cable to a suitable part of the vehicle, e.g. the frame or the engine.
5. Clamp the red (plus) cable to the positive terminal of the vehicle battery.



Operation

ATTACHING THE LOAD

Attention! Always wear gloves when handling the steel cable!

1. Loosen the turn knob (2) on the winch to be able to pull out the desired length of cable from the winch. Loosen the winch for approx. 2 turns by turning counter clockwise. After that, only hand tight the turn knob.
2. If the load is equipped with suitable lashing materials resp. hooks, use the hook to attach on the winch. If you need to lash the load yourself, use suitable, sound lashing material. Under no circumstance wrap the cable around the load, this may kink the steel cable and cause failure.

OPERATING THE WINCH

1. If you have attached the winch to a motor vehicle, make sure the vehicle will not move under load. Do not put the vehicle in gear, instead apply the parking brake and ideally use additional blocks under the tires to keep the vehicle from moving.
2. Step out of the danger zone and operate the winch with the cable remote.
3. By pressing the switch on the remote, the winch starts up.

USING THE HAND CRANK

Attention: Never use the crank to supplement the motor or to hold the load with the crank. This may lead to injury or damage to the winch.

1. Loosen the turn knob (turn approx. 2 turns in counter clockwise direction) of the clutch and attach the crank to the shaft of the turn knob. One of the nuts should be under the crank and the other nut over the crank.
2. Now the cable can be wound into the winch with the hand crank by turning in clockwise direction.



CLEANING AND MAINTENANCE

- Keep the steel cable clean and lightly oiled.
- If the winch is used extensively, it should be examined and lubricated by a professional once a year.
- Do not try to repair the winch yourself and do not disassemble it. In the case of questions or problems please turn to our customer support department.
- Clean the housing of the winch with a lightly moistened cloth.

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