



## GRUNDOWINCH



### Safety Precautions for pipe renewal and cable Grundowinches

1. **DO NOT ATTEMPT TO OPERATE** the Winch unless you have attended a recognized or manufacturers course of training / instruction on the **CORRECT AND SAFE** operation of the **INDIVIDUAL MODEL / TYPE** Grundowinch that you are using.
2. Prior to use make sure you have read the manufacturers operating instruction manual carefully to familiarize yourself with its operation before using the Grundowinch.
3. **ONLY ONE PERSON TO CARRY OUT ANY FUNCTION OF THE INITIAL ROPE PULL OUT PROCEDURE.**
4. Danger of Entrapment **DO NOT** place hands in any part /or near any moving components or devices.
5. Always ensure that all safety guards, covers, panels and **ALL** other safety devices are correctly in place on the Grundowinch **BEFORE** starting or commencing any part of the winching operation.
6. **DO NOT** remove safety devices or disengage safety guards throughout any part of the operation of the winching operation.
7. **NO LOOSE CLOTHING** or any loose jewellery to be worn whilst operating the **GRUNDOWINCH**. Long Hair to be tied up or kept free from any moving parts of the Winch.
8. Before Commencing any part of the winching operation make sure all operating controls and safety devices are functioning correctly (**IF ANY FAULTS ARE FOUND REPORT TO AGENT/SUPERVISOR IMMEDIATELY AND DO NOT USE WINCH**)
9. TT-UK Grundowinches are designed for **HORIZONTAL** pulls only. **DO NOT USE** for **ANY** other application without consulting TT-UK in the first instance. A deflection boom kit is also offered for confined pulling applications. See the operator's manual or for further details contact TT UK. Tel: +44(0) 1234 342566, Fax: +44(0) 1234 352184 Email: [customerservices@tt-uk.com](mailto:customerservices@tt-uk.com)
10. Make sure that no other personnel are involved or loitering round the winch or the working pit whilst winch is in operation. **AT NO POINT DURING THE WINCHING OPERATION IS ANYONE TO STAND ON OR ACROSS OR NEAR THE WINCH ROPE- ESPECIALLY WHEN UNDER TENSION**
11. Barrier off any excavations securely and **DO NOT** enter them during any part of the winching operation.
12. Locate the **GRUNDOWINCH** in such a way that it does not interfere with normal traffic flow or public walkways. If necessary ensure all the correct barriers, signs and warning devices are in place. Also coil trailer is correctly placed and secured.
13. Please ensure that **ANY** shackles used during the winching operation are certified and are clearly marked with the **CORRECT SAFE WORKING LOAD**.
14. **A SWIVEL MUST BE USED AT ALL TIMES**, when the Grundowinch is being used for Cable Pulling Operation. Please ensure that it is the **CORRECT LOAD RATED SWIVEL** and is fitted in line at all times clearly marked with the **SAFE WORKING LOAD**.
15. **On the pullback operation at NO time should any operative stand on the new PE pipe to engage into the old main, the correct pipe guide MUST be used to safely guide the towing head into the old main. The winch MUST be operated at a slow speed whilst this part of the operation is carried out.**
16. After the days work, shut down engine and secure the winch against accidental movement and start up and remove ignition key(s)
17. Any Diesel spills or Hydraulic/ Engine oil spills that happen when using the **GRUNDOWINCH** are to be dealt with **IMMEDIATELY** and correctly according to your own companies COSHH regulations.
18. Carry out any maintenance and repair works with the winch out of commission and the engine turned off and ignition key(s) removed from winch completely.
19. After any maintenance make sure all guards and safety devices are correctly refitted to **GRUNDOWINCH**.
20. Make sure the **GRUNDOWINCH** is fully inspected, tested, checked and serviced according to manufacturers specifications at least once a year by our specialist Grundowinch technicians at TT-UK or on site.
21. **THE WINCH SHOULD ALWAYS BE CONNECTED TO THE TOWING VEHICLE OR AN IMMOVABLE OBJECT TO PREVENT PULLING FORCE BEING TRANSMITTED THROUGH THE TOWBAR.**

**AT THE BEGINNING OF EACH PULL THE OPERATIVE MUST INSPECT WINCH ROPE FOR FRAYS OR DAMAGE.**



## Daily Check list for Grundowinch

1. Before towing, check that all items that can be removed or adjusted have replaced and secured correctly. Lights, tyres are to the required legal standard. And that the emergency brake away cable is attached to the towing vehicle.
2. Before using the winch check that the engine oil and water are at the correct levels.
3. Before the winching procedure starts check that the emergency stop button is functioning correctly.
4. Always place the Grundowinch on ground that can support its weight and the load. Align as straight as possible with pull.
5. The Grundowinch should be left attached to the towing vehicle. And handbrake applied as usual.
6. Use of the rear prop legs is mandatory as there must not be **any** pulling force transferred through the tow bar. If the prop legs cannot restrain the load, the front restraining eyes **must** be used to anchor the Grundowinch.
7. Never set the winch to a load that is not necessary, always start with the minimum and increase slowly.
8. Make yourself aware of any dangers that could arise, for example the workforce at the opposite end of the pull who could be injured by your actions. Never leave the engine running and the Grundowinch unattended.
9. If there is a need to stop the winching process quickly use the **EMERGENCY STOP BUTTON**.
10. At the end of the job stow away all items as described in item 1.
11. **UNDER NO CIRCUMSTANCES SHOULD ANY PERSON USE THIS GRUNDOWINCH WHO IS NOT COMPETENT WITH ITS USE.**