



BATTERY WINCH RUP506

Machine Directive 2006/42/EC

EN

EN - NOTE: Before use of this device please read and understand this instruction manual.

GENERAL DESCRIPTION

Battery winch RUP506 is equipped with steel rope dia 5mm and 15m in length. The device is designed for lifting loads. Battery life at full load is ~20...25 minutes. Battery charging time ~70 minutes. NOTE! The winch can be used for personnel rescue with use of an additional WR / CR / CRW retractable type fall arrester.

Figure 1 - Overview

Electric winch RUP506 comprises:

- general winch with drum on which work rope is wound. The device is fitted with connector plate (RUP506-000-001) and UTB connector (AT017-330),
- detachable control with 2m long cord and plug to which battery is connected,
- two batteries 18V 4.0Ah,
- wall charger for battery charging.

LOAD LIMIT AND STRENGTH

Minimum Breaking Strength (MBS): 15kN.

GENERAL INFORMATION

a) The device can be loaded with work force along the profile to which it is fixed as shown on Figure 2. Maximum load that could be transmitted in service from the device to a permanent structure – 14 kN.

If the device is used as a part of a fall arrest system, the user must be equipped with an element limiting maximum dynamic forces applied on user while arresting a fall to max. 6kN.

b) LIFTING LOADS

Working Load Limit (WLL): 140kg Safety Factor (SF): 10,7:1. Working speed: 4m/min. Available work rope length: 15m.

c) LIFTING LOADS WITH PULLEY TU415/TU416

Working Load Limit (WLL): 250kg Safety Factor (SF): 6:1. Working speed: 2m/min. Available work rope length: 7,5m.

d) RESCUE WINCH (PPE) Working Load Limit (WLL): 140kg Safety Factor (SF): 10,7:1. Working speed: 4m/min. Available work rope length: 15m.

Figure 2 – Permissible load direction

TRANSPORT AND WEIGHT

Weight of complete device: 10 kg.

Personal fall protection equipment must be transported in a package (e.g.: bag made of moisture-proof textile or foil bag or cases made of steel or plastic) to protect it against damage or moisture.

MAINTENANCE AND STORAGE

The device should be cleaned without causing adverse effect on the materials used in the manufacture of the device. For textile materials (webbings, ropes) use agents suitable for delicate fabrics. Can be washed in hands or in a washing machine. Rinse thoroughly. Wash textile elements with water only. When the equipment becomes wet, either from being in use or after cleaning, allow it to dry naturally, and keep it away from sources of heat. In metallic products lubricate slightly some mechanical parts (springs, hinges, pawls, etc.) regularly to ensure their better operation. Personal fall protection equipment should be stored loosely packed in well-ventilated rooms, protected from direct light, UV degradation, dust, sharp edges, extreme temperatures and aggressive chemical substances.

POSSIBLE INSTALLATION OF THE WINCH

DEVICE - UNIVERSAL BRACKET

TRIPOD TM1 / TM6 / TM6-T / TM9 / TM9-T / TM9-TM9-W / TM12 / TM12-2 / TM13 / TM13-T / TM14 / TM15

- UTB (AT017-300)

CRANE PAD - PAD100-301-000

CRANE PSD - PSD100-301-000

Figure 3 – Overall dimensions of device

MARKING

Marking elements:

- Name/ type of device
- Serial number of device
- Month and year of manufacture
- Rope type
- Rope length
- Lowering rate
- Attention: read instruction manual
- Marking of manufacturer or distributor of device
- Working Load Limit
- Maximum weight of user
- Next inspection label

Figure 4 – Identity label of device

Figure 5 – Label for two work modes of drum with rope

Figure 6 – Location of markings

"Next inspection" sticker should be affixed near identity label and it is necessary to mark month and year of the next periodic inspection. Do not use the device after this date. Note: Before the first use, mark the date of next inspection (date of first use + 12 months, e.g. first use 01.2020 – mark 01.2021). "Next inspection" sticker affixed near identity label.

INSTALLATION

- Install the winch in socket of the universal tripod bracket and secure with automatic pin.
- Connect the control to the winch and lift the cord on the eye using small snap hook. Tighten nut on the cable connection.
- Connect the battery to the control and check the battery charging status using LED indicator by pressing the small button on the control.

ATTENTION! IN ORDER NOT TO DISCHARGE THE BATTERY FULLY, DISCONNECT IT FROM THE CONTROL OR ACTIVATE SAFETY MUSHROOM ON THE CONTROL!

Figure 7 – Installation of device

TWO WORK MODES OF DRUM

Winch RUP506 can be operated in two work modes of the drum which can be switched using lever located at the right of the drum:

a) UNLOCKED (SETTING) MODE – LEVER IN UPPER POSITION

Unlocked (SETTING) mode is used for quick unwinding of the work rope only to save energy in batteries.

ATTENTION! WHEN IN THIS MODE NO LOAD CAN BE ATTACHED TO THE WORK ROPE!

b) LOCKED (WORK) MODE – LEVER IN LOWER POSITION

Locked (WORK) mode allows for use of lifting and lowering functions using the control. To lock the drum correctly it can be necessary to turn the drum by a slight angle.

ATTENTION! BEFORE OPERATION MAKE SURE IF THE LEVER IS IN MAXIMUM LOWER POSITION!

Figure 8 – Two work modes of drum

ESSENTIAL PRINCIPLES FOR USE OF PERSONAL FALL PROTECTION EQUIPMENT

personal fall protection equipment should be used only by personnel trained in its use. personal fall protection equipment must not be used by a person with medical condition that could affect the safety of the equipment user in normal and emergency use.

develop a rescue plan to be implemented during operation whenever necessary. being suspended in personal fall protection equipment (e.g. after arresting a fall) please note symptoms of suspension trauma.

to avoid negative effects of suspension make sure a corresponding rescue action plan is prepared. It is recommended to use support tapes.

it is forbidden to make any alterations or additions to the equipment without prior written consent given by the manufacturer.

any repair shall only be carried out by manufacturer of the equipment or his certified representative.

personal fall protection equipment shall not be used for any purpose other than intended.

personal fall protection equipment provides individual protection and shall be used by one person only.

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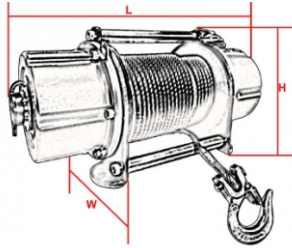
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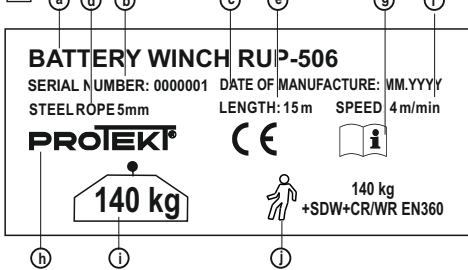


L (mm) - 288

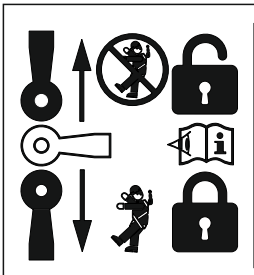
W (mm) - 122

H (mm) - 144

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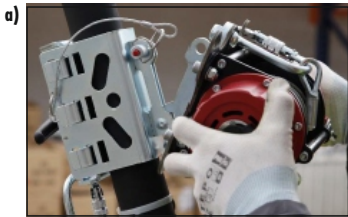
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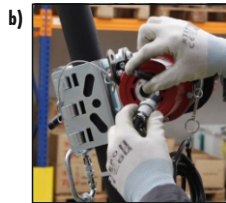
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