



# ELECTRIC WINCH RUP 504

Machine Directive 2006/42/EC  
EMC Directive 2014/30/EU

## EN

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

### GENERAL DESCRIPTION

Electric winch is supplied with 230V AC, 1-phase. The device is fitted with steel rope of 6mm in diameter and 30m in length, wound on reel. The device is designed for lifting loads. 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 RUP504 comprises:

- general winch with reel on which work rope is wound. The device is fitted with connector plate (RUP506-000-001) and UTB connector (AT017-330),
- removable control with 2m long power cord
- Power cord with EU plug. Winch RUP504 can be mounted on various devices using universal brackets. Refer to Table 1.

### LOAD LIMIT AND STRENGTH

a) GENERAL INFORMATION

Minimum Breaking Strength (MBS): 20kN.

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): 500kg. Safety Factor (SF): 4:1. Working speed: 7m/min. Available work rope length: 30m.

c) LIFTING LOADS WITH PULLEY TU415/TU416

Working Load Limit (WLL): 1000kg. Safety Factor (SF): 2:1. Working speed: 3.5m/min. Available work rope length: 15m.

d) RESCUE WINCH (PPE) Working Load Limit (WLL): 200kg. Safety Factor (SF): 10:1. Working speed: 7m/min. Available work rope length: 30m.

Figure 2 – Permissible load direction

### TRANSPORT AND WEIGHT

Weight of complete device: 21kg. 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 (webbing, 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:

- 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 – 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 power cord to the other plug and lock with wire gate.

Figure 6 – Installation of device

### GENERAL SAFETY RULES

**BEFORE OPERATION MAKE SURE THAT NO POWER CORDS ARE DAMAGED!**

**WARNING! RISK OF ELECTROCUTION!**

**THE CONTROL IS EQUIPPED WITH EMERGENCY STOP.**

Figure 7 – Emergency stop on control

### 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. before each use make sure that all parts of fall protection system cooperate correctly. Periodically examine connections and fitting of components of the equipment to prevent any accidental loosening or disconnection.

it is forbidden to use a combination of the equipment where function of any one item is affected by, or interferes with the function of any other.

before each use of personal fall protection equipment carry out a detailed inspection to ensure that the device is operable and operates correctly.

in particular, before use inspect all accessible elements of the equipment for any damages, excessive wear, corrosion, abrasion, cutting or improper function. On individual devices pay particular attention to:

- in full body harnesses, sit harnesses and work positioning devices: buckles, regulating elements, attachment points (buckles), webbing, seams, belt loops;
- in energy absorbers: attachment loops, webbing, seams, housing, connectors;

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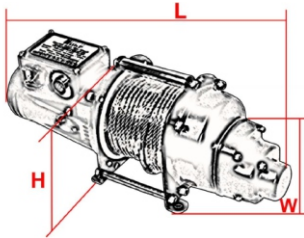
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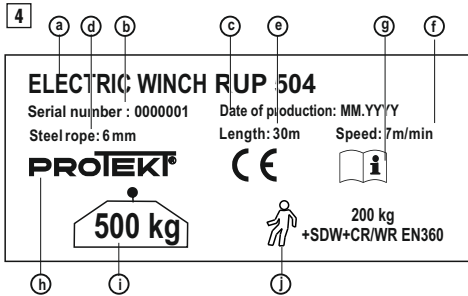


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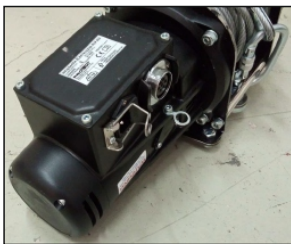


L (mm) - 490  
W (mm) - 170  
H (mm) - 180

4



5



6



b)



c)



