

OPERATION INSTRUCTIONS FOR SAFETY CARRIAGE NO. 930 CE

1 PURPOSE OF SAFETY CARRIAGE

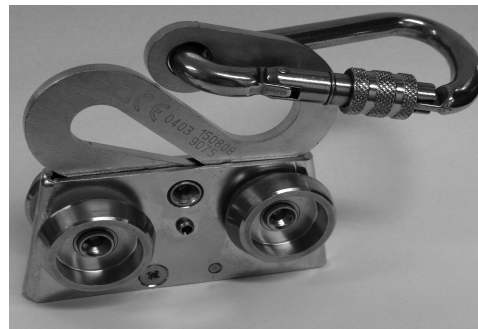
Safety carriage No. 930 CE is a device designed for personal use to be connected to safety rail structures (Safety profile B) to protect user from risks to his health and safety during operation.

2 COMMISSIONING AND INSPECTIONS

2.1 Competence and details to be inspected

The user must have appropriate training and experience to use the safety carriage or he must work under qualified supervision. Prior to use the user should always perform visual inspection of the carriage as well as of other parts of the system. Attention must then be paid to the following aspects:

- The full body harness is in the condition stipulated in the relevant regulations.
- The safety carriage is in a proper condition.
- The safety ladder structures as well as the structures onto which safety ladder system is fastened are intact and in good order. To make sure that safety ladder / profile structure is installed properly, the user must read safety rail installation instructions carefully. As necessary the installation instruction can be found manufacturers website www.safetyladder.fi



2.2 Standards applied

The safety carriage/ safety rail combination has been tested according to EN 353-1:2000 standard and meets the requirements of the Directive on personal protective equipment 89/686/EEC. The type examination certificate has been granted by the Finnish Institute of Occupational Health (Työterveyslaitos), Topeliuksenkatu 41a, FI-02500 Helsinki. Notified body no 0403.

2.3 Inspection of personal equipment

The safety carriage must be checked on a regular basis in order to reveal any possible defects and/or weakening. A basic inspection of personal accessories (safety carriages) is to be performed in connection with the annual inspection of the other personal accessories (safety harness and ropes). In the regular inspection the date of inspection as well as any appropriate comments shall be recorded on the product register card.

3 MAINTENANCE/DURABILITY

The structures of the safety carriages are made of stainless steel, teflon or bronze, and so they are not prone to corrosion and weather damage. The carriages have no joints or precise fits. They do not need to be oiled or greased. The carriages withstand even rough handling and there are no special requirements on their storage or maintenance.

The structure of the safety carriages has been developed for aggressive use, which means that prolonged heavy use in poor conditions will not prevent reliable functioning.

NB!

If an inspection of the carriage reveals exceptional wear and tear, a broken spring or an opening in the spring absorber of over 10 mm, the carriage must be immediately taken out of service and sent to the manufacturer Eltel Networks Oy for inspection and repair.

The carriage must be immediately taken out of service in case of falling of the user.

4 INSTRUCTIONS AND FUNCTIONS

4.1

Follow carefully the instructions for use supplied with full-body harness and safety rope. The safety carriages are symmetrical and so they cannot be installed incorrectly.

The safety carriage may be installed into the profile (lower end of the profile is abt. 0.7m above ground level) either by opening safety carriage stopper no. 851 or in case of absence of the stopper by direct drawing the carriage into profile. Taking the carriage out of the profile is performed in reverse order.

4.2

Connect the safety carriage to the full-body harness by snap hook (connection point A or 1/2 A).

4.3 Compatibility

Make sure that this product is compatible with the other parts of your equipment. Check with instructions for every single piece of your equipment. Safety carriage No 930 CE is only compatible with the system containing safety rail B. Behind safety rail B you can see

marking No 930 CE which means that safety rail is intended to be used only with climbing profile B.

4.4

Lean gently on the safety belt when climbing. Distance between the front edge of the profile and body harness connection point should be abt. 0.12m The carriage springs will then yield and the carriage will move without obstruction. The hands are needed mainly for steering the climb.

4.5

If the dragging force acting on the carriage ceases – e.g. during a fall – the safety carriage turns and locks onto the next recessed claw of the profile at a maximum distance of 15 cm.

Instruction! The user should take special care during the last two meters before leaving the profile.

Warning! To avoid the worst possible situation take care that there are always at least two meters of free space under the user.

