

1. Load arrestors are automatic fall arrest devices for loads. They have a self-releasing block function and a tensioning and retracting device for retractable ropes. Load arrestors come with an integrated, energy absorption function.
2. Before using the device, please read and understand this instruction manual completely. Non-observance of the information in this instruction manual poses a risk of fatal injury.
Note: This device is not a personal security device!
3. Make sure the load arrestor is compatible with the load to be secured. For the maximum extension speed of the rope or lanyard, see the value in table on page 2.
4. One device can only be used to secure one load. If several devices are being used to secure a load, make sure that the devices are synchronised.
5. Attach the device to a suitable point with sufficient load-bearing capacity (sketch page 6, e.g. attachment point 50 kN). Fasten it to the point with a carabiner, sling or heavy-duty clevis that is pulled through the bracket of the load arrestor (fig. 1/fig. 2).
6. Before installation check for proper function by pulling out the rope/lanyard with a jerk. This must trigger the drum brake (fig. 4).
7. The retractable rope or lanyard may be fed back into the device with a slight amount of tension only. If it is not, the risk of damaging the device or of injuring the installing technician increases (fig. 5).
8. Position the device as plumb to the load as possible so it does not start to swing back and forth when falling. The device must be attached in a manner that makes it adaptable to deviations in the rope or lanyard. After the device has been fastened to the attachment point, the end of the retractable rope or lanyard (eye) must be attached to the eye on the load. Select a suitable connecting piece (point 5) to attach it.
9. Do not install the device on machines that generate vibrations. Contact the manufacturer in advance to find out if this is the case.
10. Only use the accessory parts provided by the manufacturer with this device (fig. 3).
11. Do not guide the retractable rope or lanyard over any edges.
12. When this device is in use, personnel are not permitted to remain beneath the load (fig. 6).
13. For the required clearance beneath the load, see the table on page 9.
14. Stop using the device immediately if you see signs of damage from arresting a load or have doubts about the safety of its condition. Do not use it again until a competent technician has inspected and approved it for use in writing.
15. Depending on wear and use, load arrestors should be checked by the manufacturer or a trained, authorised person at least every 12 months. Document this inspection in the log book included. The effectiveness and service life of the load arrestors depends on inspection at regular intervals.
16. If a strand of the rope breaks or the rope/lanyard is bent or frayed, send the load arrestor to the workshop and let them replace the rope/lanyard (fig. 7).
17. For the permissible rated load, see the type plate (fig. 8).
18. The load arrestor is designed for use in the -30 °C to +50 °C temperature range (fig. 9).
19. Protect all load arrestors against the effects of welding flames and sparks, fire, acids, alkaline solutions, etc.
20. Do not modify or change the load arrestor in any way.
21. The service life of the load arrestor must be specified again after every annual inspection. Depending on wear and use, the total service life should be approx. 10 years.
22. Allow the load arrestor to be opened or repaired by an authorised person only. The load arrestor may be opened or repaired by the manufacturer or an authorised person only (fig. 10).

Care and maintenance

1. The rope/lanyard must be attached to a load when it is being rewound. Do not completely extend the rope/lanyard and then release it under any circumstances. If the carabiner jerks upward and hits the device, this may cause the retraction spring to break or crack.



Fig. 1

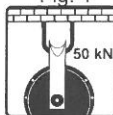


Fig. 2

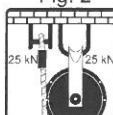


Fig. 3

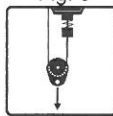


Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



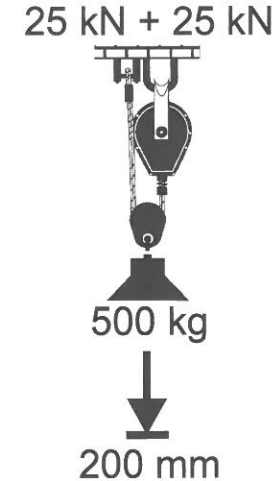
Fig. 10



2. For devices that are constantly exposed to the weather, we recommend applying non-corroding oil or petroleum jelly to the wire rope at regular intervals (for steel rope only).
3. Devices with lanyards should only be cleaned with soapsuds. Do not use thinner, etc.
4. Store load arrestors in a dry place free from dust and oil; preferably in the case they come with.

Caution: Observe without fail!

5. Only allow textile components that have become wet through cleaning or use to dry naturally: do not place them near fire or other sources of heat to dry.



Attention: For special device only

