

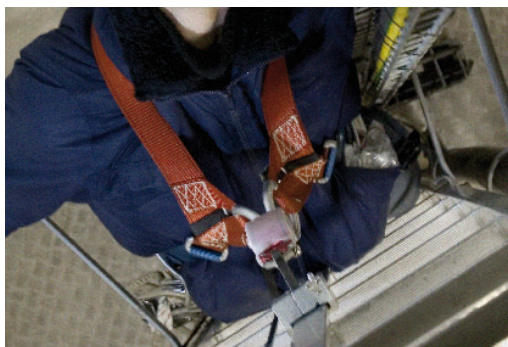
AVANTI FALL PROTECTION - PREVENTS FALLS



It is a request from the authorities that wind turbines are provided with **fall safety system**, which ensures that the service technician does not fall down when he climbs the vertical ladder. If he feels indisposed, or if he does not get a proper foothold, **the Avanti Fall Protection prevents him from falling down**. He will instead remain hanging in the fall safety rail that is fitted in the middle of the fixed ladder of the tower, so that assistance can be sent for in order to get him down.

Avanti has developed a click-on runner that is carried by the service technician in a strap, and which can be clicked on and off the rail no matter where you are on the ladder. The click-on runner is fastened to the strap with a snap hook of the same type as the ones used by mountain climbers.

Fall protection is obligatory on ladders higher than 6 metres.



The fall protection system prevents the user from falling down in case he feels indisposed or by accident does not get a proper foothold.



The click-on runner follows the user up and down the ladder and can be clicked on and off no matter where you are on the ladder.

The Avanti Fall Protection System **allows multiple users**. Throughout the length of the ladder one person may be connected to the Fall Protection Rail for every 6 metres, whereas a system based on a wire rope only allows one user at a time.

Avanti Fall Protection is **CE-marked (Europe) and has been tested according to the OSHA-regulations (USA)**. Must be inspected once a year.

The Avanti Ladder is an aluminium ladder, which **complies with the European standards (EN 131 and EN-ISO 14122 "Final Draft")**. The ladder is placed 70-80 cm from the tower wall, and you are climbing the ladder with your back against the tower wall (positive climbing).



The European Standard requests a resting platform on the ladder every 6 metres.



Avanti has developed a click-on runner for the fall protection system, which is carried in a strap by the service technician. It is fastened with a snap hook of the same type as the ones used by mountain climbers.

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