

INGENIEURBÜRO  
Hans Dzugan

Intelligent Harness Release Device

**AKM**

... saves lives!



LIFE-SAVING ADDITION TO YOUR PPE

## The Harness Release Device against suspension trauma

Due to the time-delayed transfer of the suspension point from the back to the front, the time margin for rescuing the fallen person is multiplied.

When hanging from the back suspension point of the fall arrest harness, fainting and suspension trauma with irreversible damage and even death can occur after more than 10 minutes. Transfer to the chest suspension relieves the leg veins and allows the casualty to move appropriately.

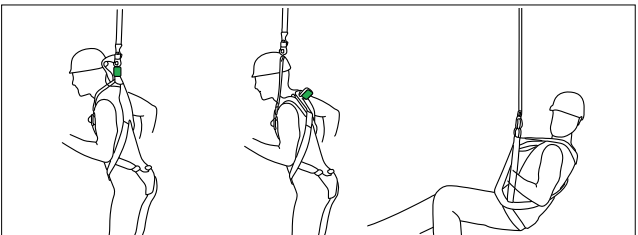
High costs for rescue teams, which have to be on site due to the short rescue time, can be avoided.

Can be used as a supplement to existing PPE systems or integrated into fall arrest harness products.

In certification according to relevant standards

International patents granted

Licensing (production and/or distribution) possible





Delayed release independent of the load (60 to 300 kg) after deceleration by a fall damper with 6 kN

Time delay independent of temperature between -20 and +60 °C

Unintentional release by “leaning into the belt” with overcoming 400 N is avoided by feedback (noticeable jerk). When the tensile force decreases, the release time is reset

Tested breaking load of all load-bearing parts in latched and unlatched state is > 24 kN

Time delay of disengagement adjustable during production: 15 to 90 seconds

Housing IP67

Maintenance-free

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