FALLPROTEC
FOR AUTOMATED STORAGE & RACKING SYSTEMS

📍 Belgium

SAFETY IN WAREHOUSES

EN795:Type2012
TS16415:2013
ASSP/ANSI Z359.6 & CSA259.16
ASSP/ANSI Z359.18

apave

Working at height is an inherent risk in many industries, and this risk is significantly amplified in environments involving Automated Storage and Racking Systems. These systems, integral to the operations of warehouses and distribution centers, are designed to maximize storage efficiency and facilitate the rapid retrieval of goods. Their tall and complex structures present unique safety challenges for workers, especially when tasks require elevation. Given the potential hazards, including the risk of falls, falling objects, and interactions with automated machinery, it is imperative to implement stringent safety measures.
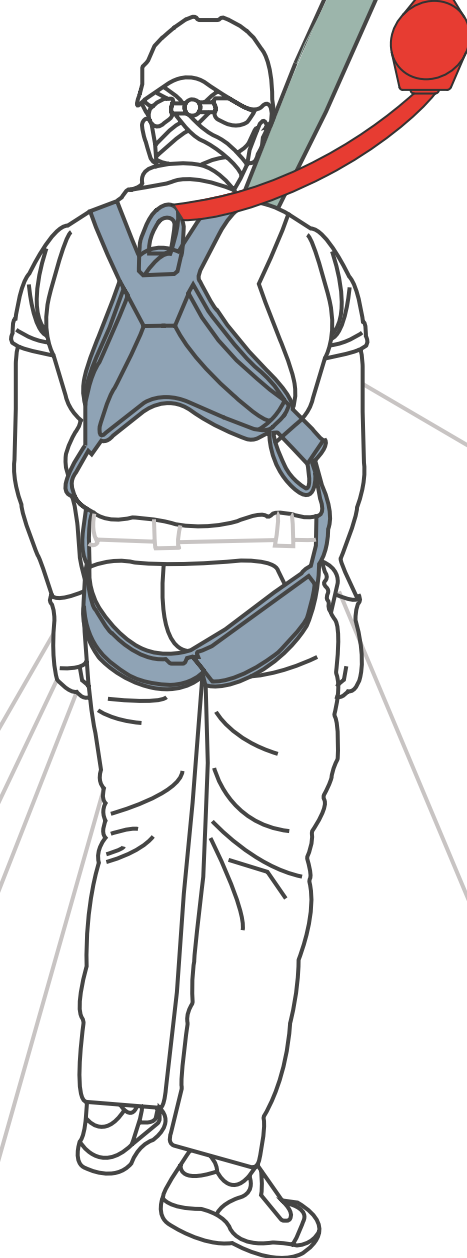
This document outlines the essential strategies and best practices to ensure the safety of personnel working at height within Automated Storage and Racking Systems environments. By adhering to these guidelines, organizations can mitigate risks, protect their workforce, and maintain efficient operations without compromising safety.

Links:
https://shorturl.at/3Druo

Maintenance of Racking Systems

Automated racking systems are now a widespread feature in warehouses all over the world, with goods being stored at heights up to 40m.

The maintenance of the racks still requires people accessing them and therefore working at height.

—

Fallprotec's Securail Pro is a secure option for both types of work.

SecuRail Pro

The SecuRail Pro is a rigid and versatile fall arrest rail.
The profile is used as fallarrest on ground, wall and ceiling.
Its low deflection allows to use it for
situations with little fall clearance.
These systems streamline the retrieval and storage
process, reducing downtime and increasing overall
productivity by allowing workers to quickly and securely
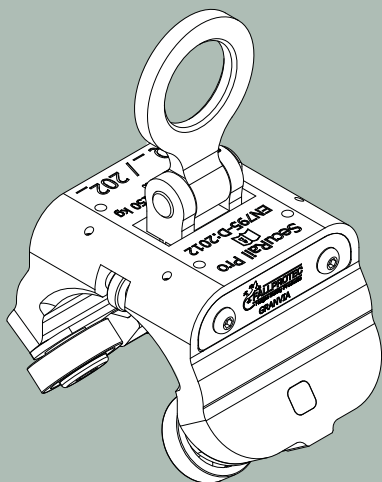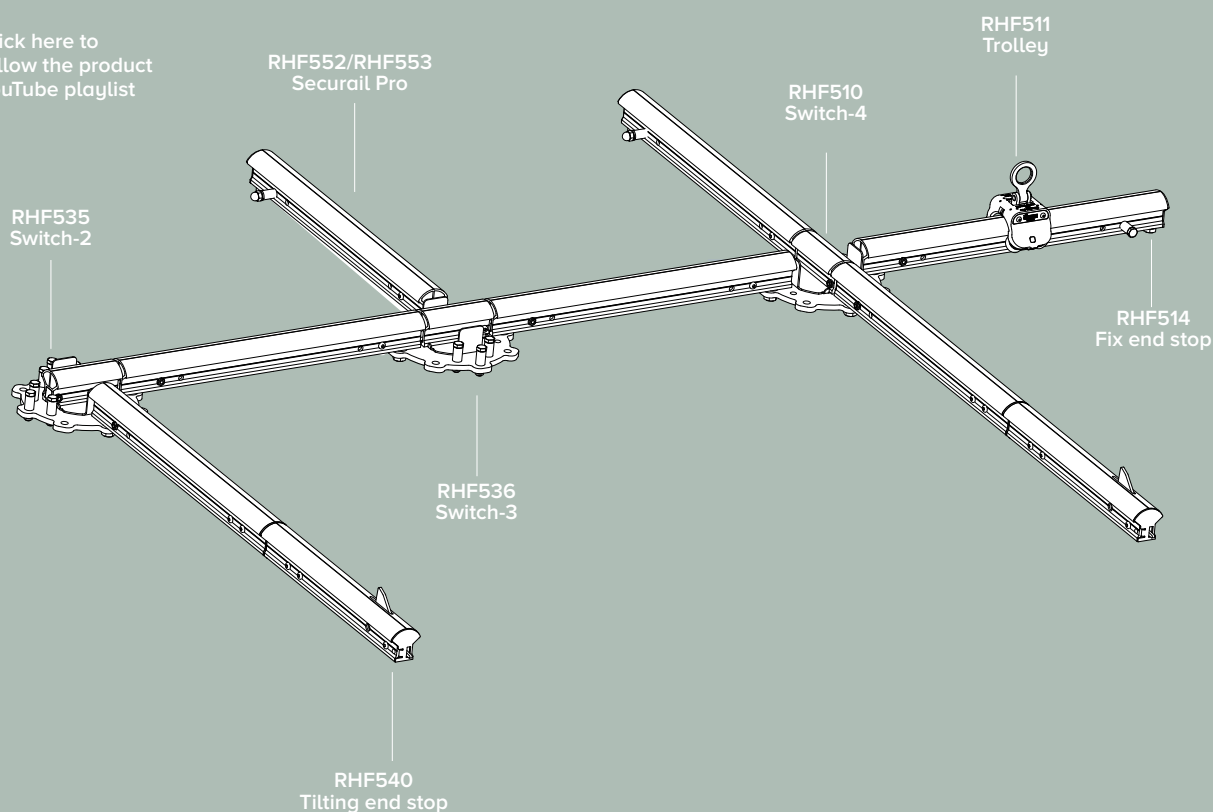handle inventory in hard-to-reach spaces.

EN795:2012 Type D | CEN/TS16415:2013
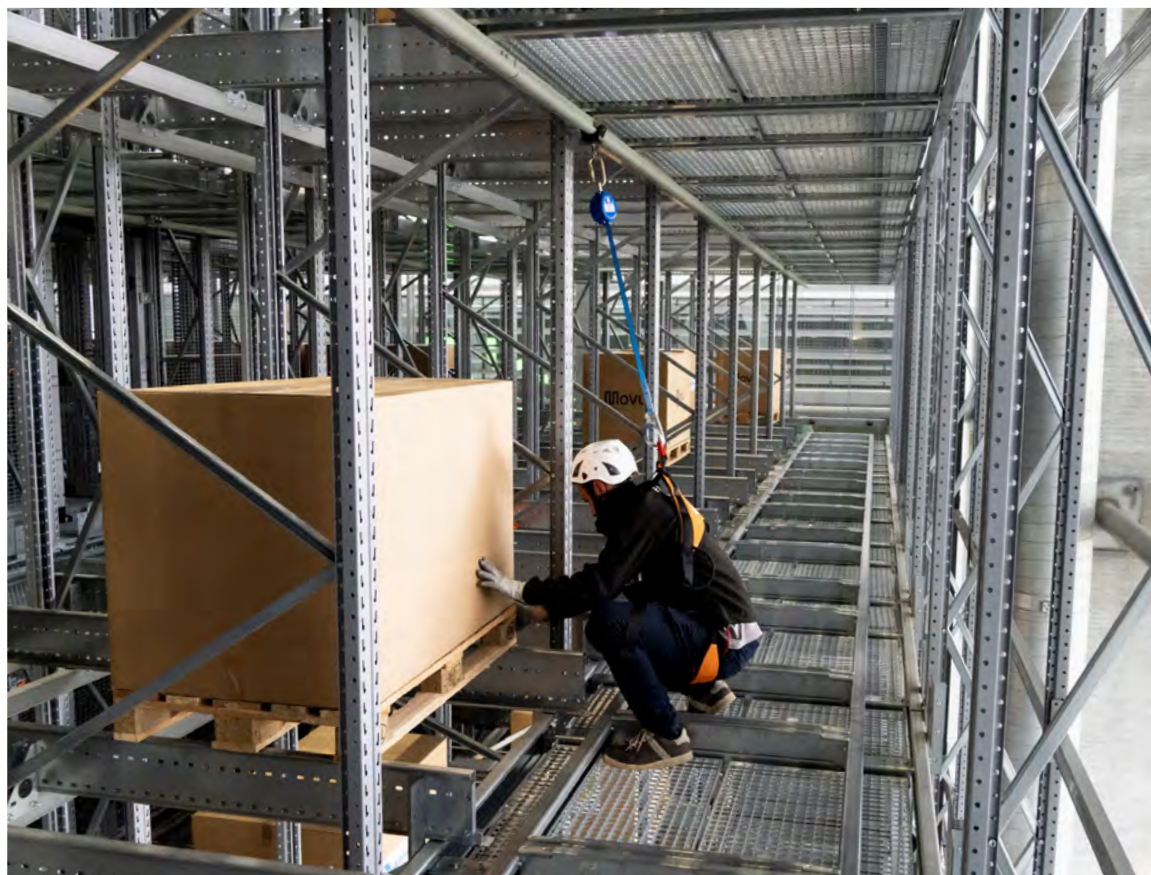**ANSI/ASSP Z359.6 | CSA Z259.16-15**

x 2   apave

**Click here to
follow the product
YouTube playlist**

**RHF535
Switch-2**

**RHF552/RHF553
Securail Pro**

**RHF510
Switch-4**

**RHF511
Trolley**

**RHF514
Fix end stop**

**RHF536
Switch-3**

**RHF540
Tilting end stop**

Trolley Granvia - RHF511

The GRANVIA fall arrest trolley equipped with rollers glides
smoothly along the track following the user's movement.
Anti-derailment claws mounted between the rollers prevent the
trolley from disconnecting from the rail,
in the event of a fall.
The same trolley can be used whether the rail is installed on
ground, wall or ceiling.

Warehouse maintenance

SecuRope Neo
Pro cable lifeline

As the logistics sector becomes increasingly automated, ensuring the safe and efficient maintenance of its machinery remains a key concern.

To address this, Fallprotec provides a horizontal cable system that enables safe access to all necessary areas within the warehouse.
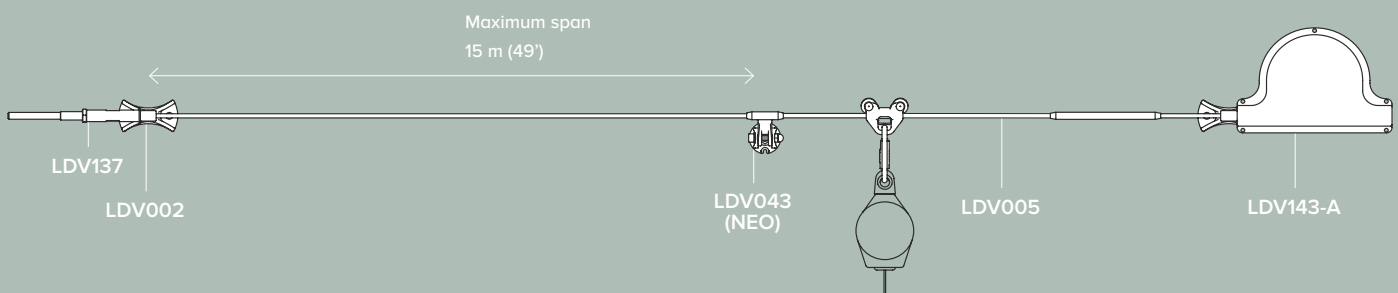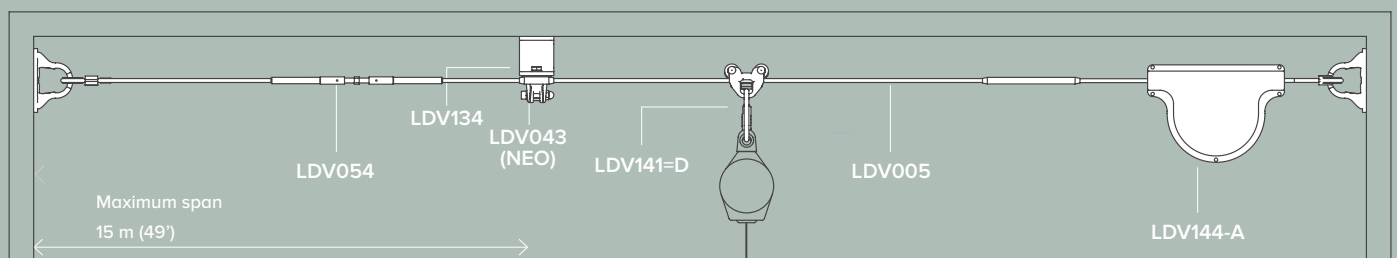
SecuRope Neo Pro cable lifeline system overhead

The SecuRope Neo Pro overhead cable lifeline is a widely valued safety device, ideal for maintenance in industrial settings. By positioning the lifeline above the user, it minimizes fall distance, which is essential in areas with limited fall clearance and equipment below. Its versatile installation height makes it suitable for various industrial and maintenance applications.
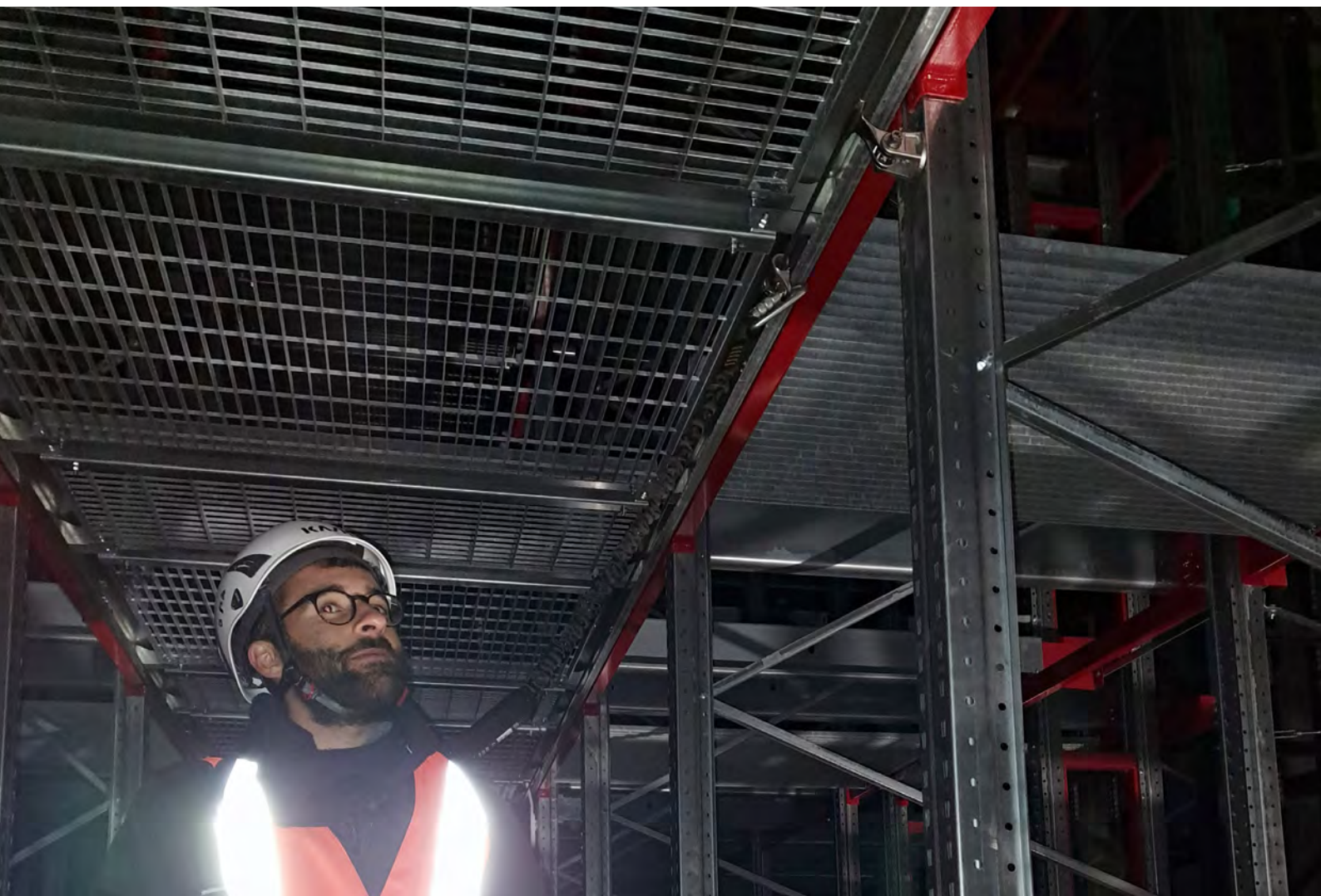
EN795:2012 Type C
ASSP/ANSI Z359.6 & CSA259.16

👷 x 4

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follow the product
YouTube playlist

LDV134
LDV043 (NEO)
LDV054
LDV141=D
LDV005
LDV144-A
Maximum span
15 m (49')

Maximum span
15 m (49')
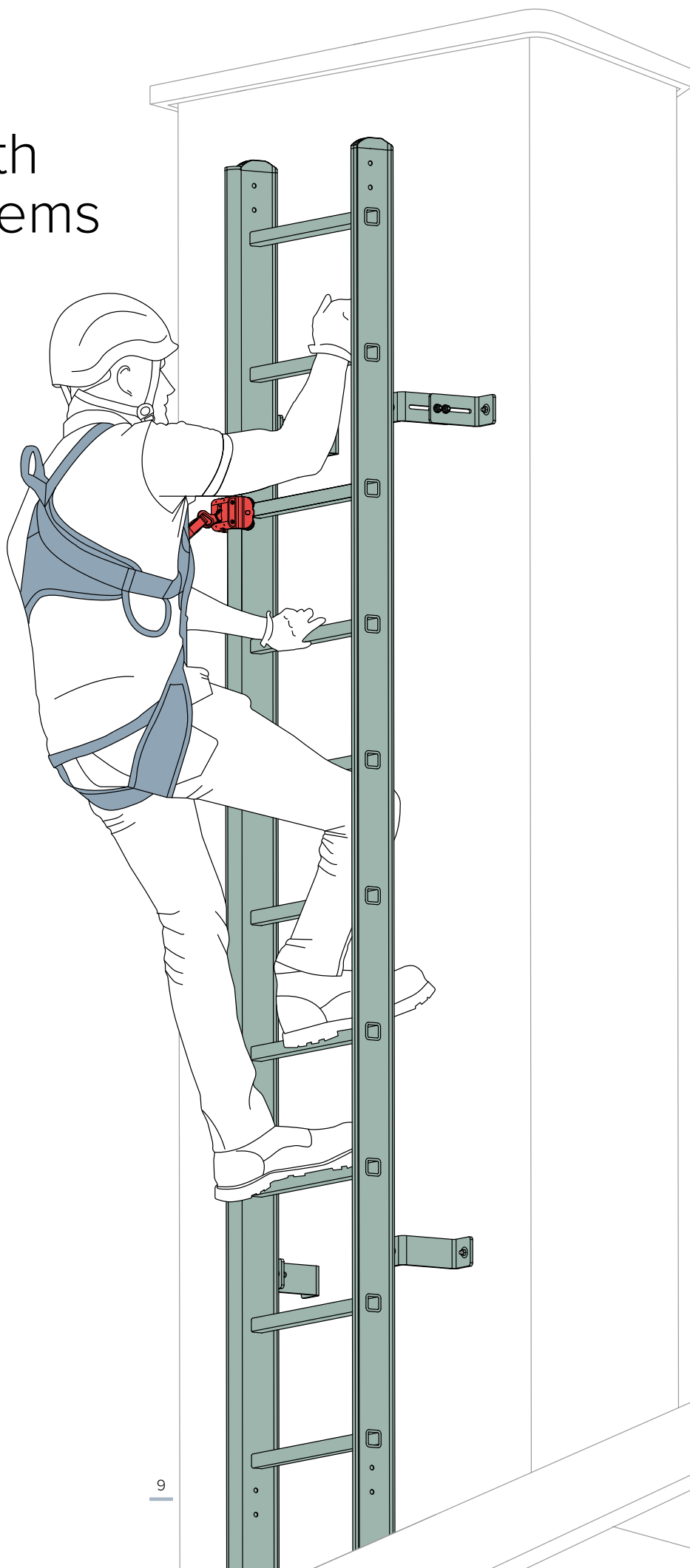LDV137
LDV002
LDV043 (NEO)
LDV005
LDV143-A

Warehouse maintenance

Enhancing Warehouse Efficiency with Vertical Systems

If the racking system can't be equipped with staircases, Fallprotec can provide vertical solutions, giving the warehouse staff safe and optimized access to elevate storage areas.

The company developed a range of ladders as well with an integrated fall arrest rail.

Vertical systems

Vertical systems designed for working at height provide warehouse staff with safe, efficient access to elevated storage areas.
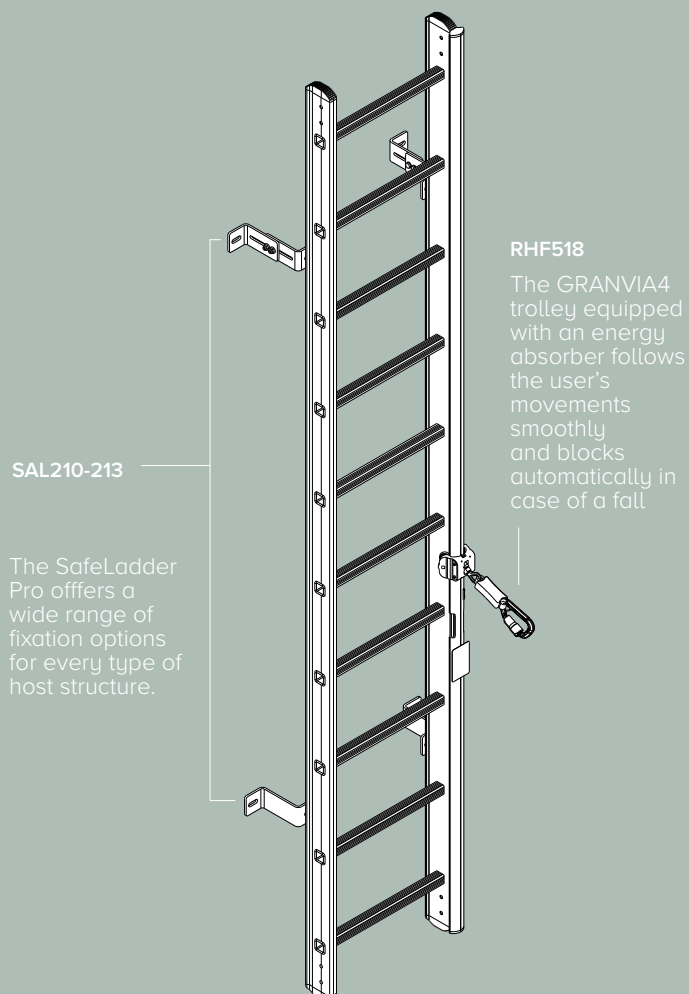
x 2

▷ DEKRA

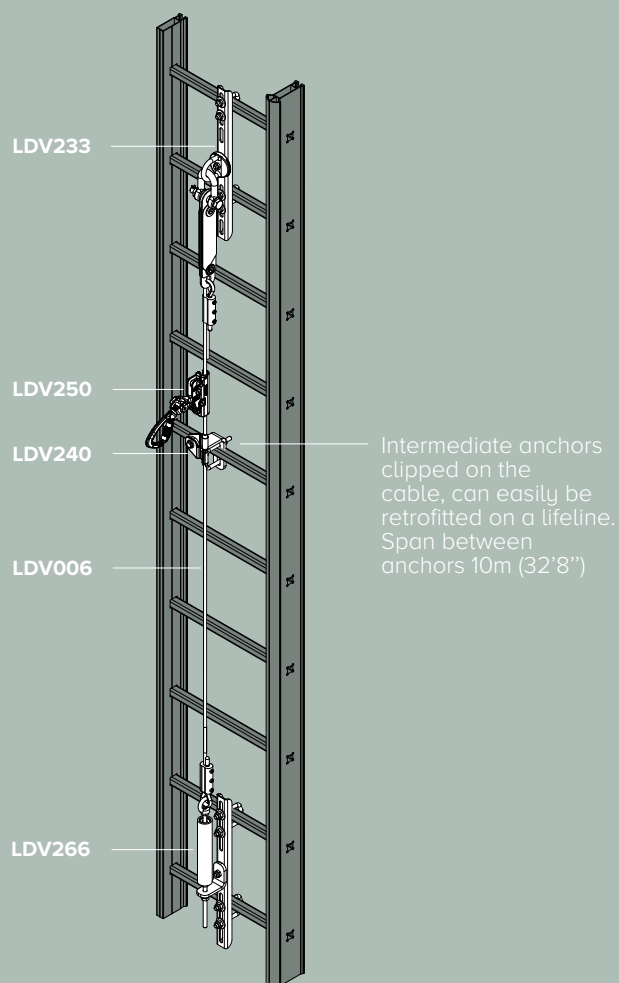**Click here to follow the product YouTube playlist**

SafeLadder Pro vertical fall arrest

The SafeLadder Pro is a ladder including an integrated fall arrest rail in its upright. Easy to install, it can be adapted to various confgurations, confined spaces, distance from the host structure, etc.

RHF518
The GRANVIA4 trolley equipped with an energy absorber follows the user's movements smoothly and blocks automatically in case of a fall

SAL210-213

The SafeLadder Pro offfers a wide range of fixation options for every type of host structure.

SecuRope QuickSet cable vertical lifeline system

The Quickset is a vertical safety line that can be installed quickly and easily. The Quickset is modular and provides integrable anchors, making it the ideal companion for works on pylones, windmills and any vertical structure.

LDV233

LDV250

LDV240

Intermediate anchors clipped on the cable, can easily be retrofitted on a lifeline. Span between anchors 10m (32'8")

LDV006

LDV266

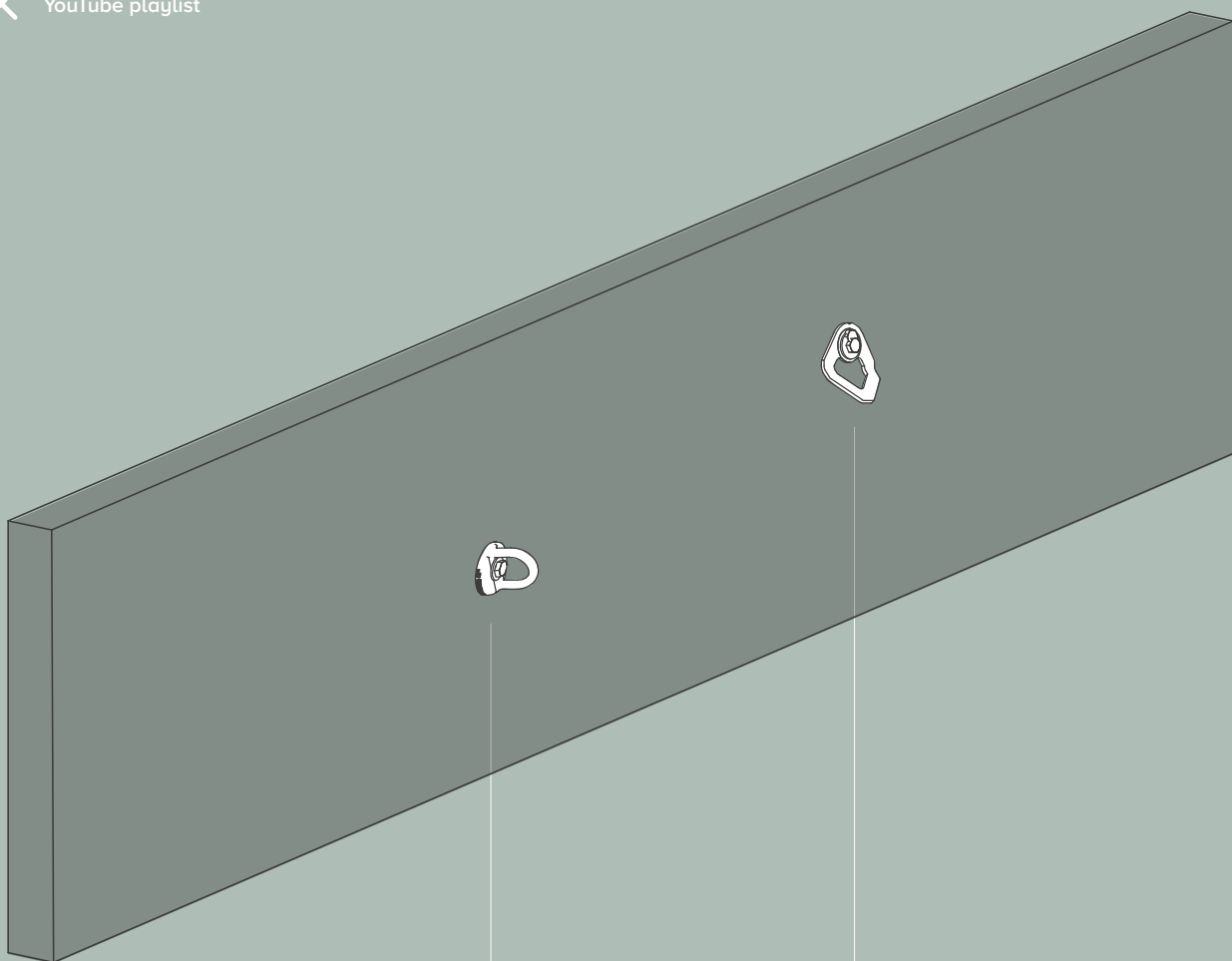📍 Warehouse maintenance

Anchor points

Fallprotec's anchor points enhance safety by ensuring workers can move confidently while performing tasks at elevated levels. By reducing the risk of falls and improving mobility in hard-to-reach areas, anchor points help streamline operations, minimize downtime, and increase overall productivity.

EN795:2012 Type A | CEN/TS 16514:2013 ASSP/ANSI Z359.18

x 2
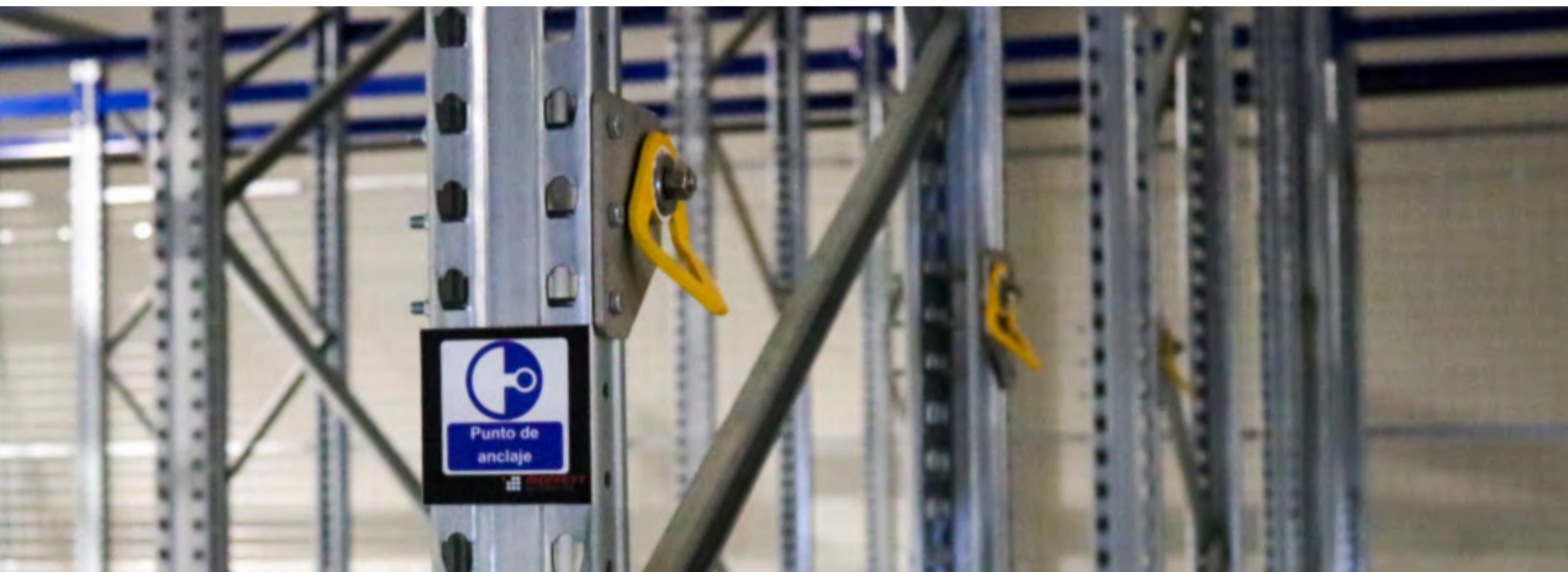
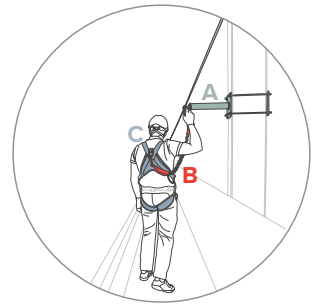**Click here to follow the product YouTube playlist**

LDV140

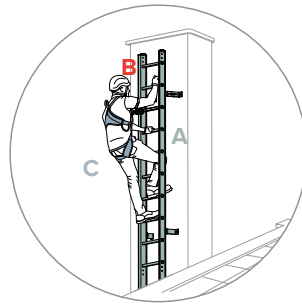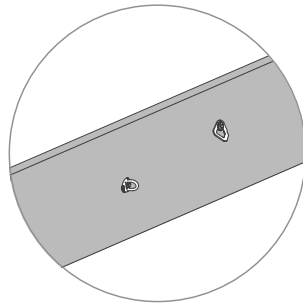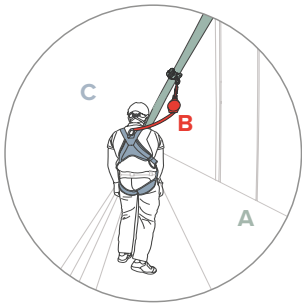**LDV029**

SECURA anchor point

EyeAnchor

📍 Storage facility upkeep

Fall protection & access equipment

A

Anchorage

Structure capable of supporting 6kN per user attached as part of a complete personal fall arrest system which maintains a safety factor of at least two.

Fallprotec's systems:

1) SecuRail Pro lifeline rail system
2) SecuRope Neo Pro cable lifeline system overhead
3) Vertical systems
4) Anchor points

All systems are suitable for intensive use in complex industrial environments. Its components are reliable and durable.

Fixing brackets:

Fallprotec's internal engineering department offers bespoke fixation assemblies, adapted to various beam sizes and distances between them and walkways.

B

Connecting Devices

PPE Equipment connecting the operator to the system, restraining them in case of a fall.
The PPE are designed to limit the energy transmitted to the user to a maximum of 6KN.

Fallprotec PPE:
—
Complete range of self retractable lanyard with aluminium casing and galva steel rope.
IHWS

EN354/355/362

👤	x 1	KG	3,70

With aluminium casing and galva steel rope.

—

Single & Double lanyard 2 m
HAR076 | HAR016

EN354/355/362

👤	x 1	KG	0,60	0,80	↔ 2m

Fitted with energy absorber

C

Body Support

A safety harness is a personal protective equipment (PPE) that is designed to catch a person in the event of a fall while working at height.
Our full body harness distributes fall arrest forces across the shoulders, thighs and pelvis.

Fallprotec PPE:
—
Harness Prolight
HAR001 / 002 / 003

EN361:2012

👤	x 1	KG	0,930

Resistant, lightweight fabric. Comfortable for the user.

—

Ergonomic helmet for works at height
HAR087

EN12492

👤	x 1

Fallprotec's products installations

CHOOSING FALLPROTEC MEANS

- One reference for global assistance
- Certified by notifying bodies as per latest European standard
- Quality control: ISO9001:2015. E.C. Quality of Production « Article 11D »
- Product liability insurance
- Warranty
- One-Stop-Shop

apave | TÜV AUSTRIA | BUREAU VERITAS

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Height Safety Products