

# Fall Protection





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# Safety at height

Worker safety and ergonomic working conditions are the two key topics to consider when planning work at height.

## Collective protection

If working at height cannot be avoided, the installation of collective protection measures such as guard rails should be considered in the first instance. How to safely enter, exit and move around the area with collective protection are points that should be taken into consideration. All measures must be taken to prevent the performance of a particular job from leading to the temporary removal of collective protection equipment. In some instances the installation of temporary collective protection is also a good solution.



## Using fall protection PPE

If it is impossible to use collective protection to protect against falls from height, PPE can be used to ensure worker safety. Before any height safety PPE is used, a fall protection plan should be created.

A fall protection plan is a safety plan for workers who will be at elevated work areas. Having a detailed fall protection plan is essential to ensure the highest degree of worker safety. The plan aims to provide a safe working environment and to manage the use of fall protection measures, techniques and equipment.



The following 7 topics should always be addressed in your fall protection plan:

- Assess all fall hazards in the work area
- The fall protection applications employees will be conducting in and the equipment they will need to work safely
- Correct procedures for assembly, use, inspection, maintenance and disassembly of fall protection systems used
- Correct procedures for handling, storage and securing of tools and materials
- Training required for the workers working on the jobsite
- The fall protection plan must be job and site specific
- The fall protection plan must be available to all workers

# EN Standards

## HARNESSES

**EN361:** Personal protective equipment against falls from height. Harness belts for work restraint and fall arrest.

**EN358:** Personal protective equipment for work positioning and prevention of falls from a height. Belts for work positioning and restraint and work positioning lanyards. Normally encompassing side 'D' rings on the waist belt, this allows the user to incorporate a work positioning belt.

**EN813:** Personal protective equipment against falls from height. Work seats. The seat belt **EN813** can be incorporated on the harness **EN361**. These harnesses have a padded seat and are suitable for working in full suspension. This includes rope access and activities such as window cleaning. It allows greater comfort for the user and has an attachment point for attaching a descender.

**EN1497:** Rescue harness, dedicated to the design and test of the rescue features in a harness. **EN1497** can be incorporated on the harness **EN361**.

## LANYARDS

**EN354:** Personal protective equipment against falls from height. Lanyards. These can be made from webbing or rope and are suitable for work restraint.

**EN355:** Personal protective equipment against falls from height. Shock absorbers. These lanyards have a shock absorber and are suitable for fall arrest and work restraint. The maximum length of the lanyard is 2m.

## CONNECTORS

**EN362:** Personal protective equipment against falls from height. Connectors. These include connectors like karabiners, scaffold hooks and dual action hooks. They are used for connecting to anchor points and structures.

## ANCHOR POINTS

**EN795:** fall arrest anchorage point permitting connection to the structure. Two types:

**1. PPE anchorage:** is transportable anchorage not permanently fixed to the structure.

**type (B):** Temporary anchor points, **type (E):** Dead-weight anchors

**2. NOT PPE anchorage:** permanently fixed to the structure

**type (A):** Permanent anchoring, **type (C):** Permanent lanyard systems, **type (D):** Horizontal rail systems

## FALL ARREST/CONTROLLED RATE DESCENDERS/ROPE GRABS

**EN360:** Personal protective equipment against falls from height. Automatic Fall arresters with retractable lanyards These blocks can be made from webbing or steel wire rope and, depending on the model, can be used in horizontal or vertical applications.

**EN341:** Evacuator from height. Descender devices for rescue. These controlled rate descenders can be used to lower a casualty or for self rescue from height. These can be equipped with a rescue winch **EN1496**

**EN1496:** Rescue winch / Rescue lifting devices. These devices can be used to raise a casualty back to the anchor point in the event of an emergency. They are often used as a secondary device

**EN353-1:** Personal protective equipment against falls from height. Guided type fall arresters including a rigid anchor line. These are permanently installed systems that can be either wire rope or rail. They include a traveller that will allow the user to ascend and descend. This mechanism will lock off in the event of a fall.

**EN567:** This standard covers mountaineering equipment such as those used in rope access. It includes rope clamp and ascenders.

## RIGID & VERTICAL FALL ARREST

**EN353-2:** Personal protective equipment against falls from height. Guided type fall arresters including a flexible anchor line. These are temporary installed systems. Depending on the model, they can be used vertically or horizontally and for work restraint or fall arrest.

## HELMETS

**EN397:** Industrial safety helmets. Head protection suitable for construction site use.

## ADDITIONAL TECHNICAL SPECIFICATIONS

CNB/P/11.060 (horizontal use for the blocfor™ range)

CNB/P/11.062 (use with more than 100 kg user weight )

CNB/P/11.074 horizontal use for the lanyards range)

CNB/P/11.075 (horizontal use for the stopfor™ range)

CNP/P/11.085 (Retractable fall arrest device, Fall Factor 2)

## COLLECTIVE PROTECTION

**EN13374-A:** Temporary edge protection systems. Temporary guardrail. It specifies the requirements and test methods for temporary edge protection systems for use during construction or maintenance of buildings and other structures.

**EN14122-4:** Safety of machinery — Permanent means of access to machinery. It gives requirements for non-powered guardrails which are a part of a stationary machine, and to the non-powered adjustable parts (e.g. foldable, slidable) and movable parts of those fixed means of access.

# Norms

Before choosing fall protection, it is important to look at the environment and the situation in which you work. Each situation requires a specific approach, as well as appropriate equipment.

**European standards** recognize 5 types of fall protection.

## EQUIPMENT REQUIRED

- Anchoring (EN 795)
- Harness (EN 361)
- Fall arrester (EN 355, EN 353-2, EN 360)
- Safety helmet (EN 397)

## Fall arrest

A fall arrest system prevents the user from falling to the ground in the case of a free fall. Its role is to arrest a fall safely by limiting the force of shock suffered by the user. It must be used with enough space that is free from obstacles, allowing the free fall (fall clearance).

## EQUIPMENT REQUIRED

- Anchoring (EN 795-A, B, D)
- Harness (EN 361, EN 358, EN 813)
- Fall arrester (EN 360, EN 353-2)
- Ascender (EN 567)
- Descender (EN 341)
- Safety helmet (EN 397)

## Working while suspended (rope access work)

A suspension work system allows a user to move on a rope when they are no longer in contact with a structure. The user moves in suspension, using a safety harness equipped with an umbilical attachment point, to which a vertical displacement system is connected.

**This device is not intended to stop a fall and must be used in conjunction to a fall arrest system.**

## EQUIPMENT REQUIRED

- Anchoring (EN 795)
- Harness or safety belt (EN 361, EN 358)
- Lanyard (EN 354)
- Adjustable lanyard (EN 358)
- Safety helmet (EN 397)

## Work restraint

A restraint system allows delimitation of a workspace, preventing the worker from entering an area which has a risk of falling.

**This type of device is not intended to stop a fall from height.**

## EQUIPMENT REQUIRED

- Anchoring (EN 795)
- Harness (EN 361, EN 1497)
- Rescue or evacuation equipment (EN 341, EN 1496)
- Safety helmet (EN 397)

## Rescue

A rescue system can evacuate a user on a vertical axis from top to bottom or from bottom to top. The use must be assessed before each intervention and the rescue system should be adapted to the site. Staff must be trained in its use.

## EQUIPMENT REQUIRED

- Anchoring (EN 795)
- Work positioning harness and belt (EN 361, EN 358)
- Work positioning lanyard (EN 358)
- Safety helmet (EN 397)

## Work positioning

A work positioning system secures the operator at the place of work.

It consists of a work positioning belt and an adjustable lanyard. This system lets the operator make precise positional adjustments at the place of work while keeping both of his or her hands free to perform the task.

**The purpose of this device is not to arrest a fall, it must be used in conjunction with a fall arrest system.**



# Tractel's fall arrest equipment specifications

High capacity range 150 kg and use of fall arrest equipment on sharp edges

**Tractel** is one of the first manufacturers to develop a complete range of fall arrest systems with a capacity greater than 100 kg, compliant with the EC requirements.

This range, including anchoring systems, connectors, fall arresters, automatic fall arresters, sliding fall arresters, harnesses, belts, and thigh straps, is tested according to European specifications:

- CNB/P/11.062 (for use above 100 kg)
- CNB/P/11.060 – 074 – 075 (for horizontal use / EDGE compliant)

This range is tested to stop the fall of an operator weighing 150 kg (this figure includes the weight of a person and their equipment) and allows employees to work safely at height, both vertically and horizontally, and in roof / edge applications.

In order to provide protection for the user up to the maximum allowed weight, the entire security line (anchorage – fall arrester – harness) must be HIGH CAPACITY RANGE 150 KG.

**Please note:** The component with the lowest capacity always determines the maximum capacity of the entire fall arrest system.

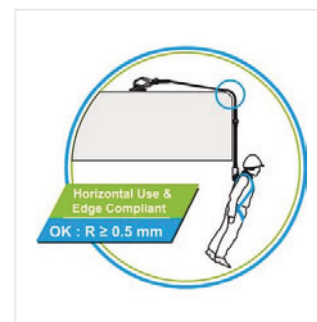
## Use of the Tractel® fall arrest equipment on sharp edges:

Tractel fall protection PPE is intended for working at height, where there is a risk of falling vertically, as well as for working at height on a horizontal surface, where there is a risk of falling over a sharp edge (roof terrace use.)

Therefore, our ranges blocfor™\*, stopfor™\* and lanyards\* are certified according to the sheets:

- **CNB/P/11.060** (for the blocfor range)
- **CNB/P/11.074** (for the lanyards range)
- **CNB/P/11.075** (for the stopfor range)

Tractel products are tested to stop the fall of a person, including safety equipment and tools, weighing up to 150 kg.



# Collective protection



# Guard Trac guardrail system

Guard Trac, the collective protection by Tractel is offering more configurations to meet a wide range of application. From the very robust Guard Trac plus version to Guard Trac WPS with the smallest footprint. Here is a look at the different versions Tractel can offer:

- Guard Trac plus
- Guard Trac (with or without toe-board, with or without adjustable barriers)
- Guard Trac WP & WPS

Our Guard Trac guardrail systems have a completely unique design, offering a simple and fast way to secure your roof, without jeopardising your waterproofing. Thanks to the patented design of our bracket and the integrated design, the entire system can be installed without a single tool.

The short bracket of the guard trac range reduces the footprint of the guardrail offering two significant advantage: the trip hazard risk is reduced and more space is available for the installation of other equipments inside the secured area (such as solar panels).

**Guard Trac™ is perfectly suited and certified for use in a variety of applications:**

- Solar panels
- Roof replacements / repair
- HVAC replacement and repair
- Rail car platforms
- Ramps
- Construction sites
- Dig sites
- Mezzanines
- Assembly and break areas
- Hoist areas

**Guard Trac™ a simple and fast way to secure your rooftop:**

#### SAFETY ON JOBSITE:

- Short counter-weight support
- Trip hazard reduced
- Limited number of components
- Lightweight components
- Any angle between 30° - 330°

#### INSTALLATION:

- Tool free
- Quick (30% faster than comparable solutions)
- Easy installation and customisable on site.





# Guard Trac guardrail

## Guard Trac

### EN 13374-A:2019

Guard Trac benefits and features:

- No risk of water penetration as no drilling is required for the installation.
- Thanks to our unique design, the installation is completely tool free.
- **Toe board option - when a parapet is not present**
- Fast Installation: 1 meter per minute.
- Compact footprint - ideal for installations with limited space
- Lightweight design
- The Guard Trac™ system can be installed on flat and inclined surfaces.
- The brackets are supplied in red. (other colours are available upon request.)
- The barriers are available in the lengths: 1.5 - 2 - 2.5 and 3 meters.
- The barriers are delivered in a natural aluminium finish (other colours are also available upon request.)
- The Guard Trac™ conforms and is certified according to **EN 13374-A:2019**.
- The inclination is limited to 10°.

#### COMPLETE RANGE:

- Range of standard barriers (1.5 - 2 - 2.5 and 3 m)
- Toe-board option
- Adjustable barrier & gate
- Easy stock management
- No additional components required



3m guard trac™ barrier with toe board

Model	Weight (kg)	Product Code
Standard barrier 3m	8.8	272047
Standard barrier 2.5m	8.2	272317
Standard barrier 2m	7.1	272327
Standard barrier 1.5m	6	272337
Standard barrier 3m with toe board	14.4	272347
Standard barrier 2.5m with toe board	12.3	272357
Standard barrier 2m with toe board	10.3	272367
Standard barrier 1.5m with toe board	8.3	272377
Adjustable barrier 1.50 - 2.25m	8	272027
Adjustable barrier 2.25 - 3.00m	9.7	272017
Latch	0.1	227015
Double bracket for Guard Trac™ and Guard Trac™ Plus	7	217447
Counterweight 25kg	25	186938
Counterweight interface	0.1	272077



# Guard Trac guardrail

## Guard Trac WP & WPS

### EN 13374-A:2019 - Con veletta

The **WP & WPS** versions: an extension of our **Guard Trac** range EN 13374-A:2019.

A lot of roofs are built with an integrate parapet. Therefore, we decided to evolve our Guard Trac solution and use these existing parapets.

The parapet ensures that the Guard Trac system installed on the roof stay in place and can't slip toward the outside of the roof.

Using the parapet as part of the Guard Trac system help to simplify the system.

- Guard Trac **WP** = Guard Trac With Parapet
- Guard Trac **WPS** = Guard Trac With Parapet & Short arm.

Thanks to this evolution, the angle between 2 barriers is now completely flexible and can be adapted on site to any angle of the building where the system is installed.


The **WPS** offers a **very narrow solution**: it takes only **0.52m** from the parapet to the back of the counterweight.


These versions require the presence of a parapet with a minimum height of 150mm as they will be in contact with the parapet.




Model	Weight (kg)	Product Code
Barrier Guard Trac™ WP & WPS 3m	9.4	272567
Barrier Guard Trac™ WP & WPS 2.5m	8.2	272557
Barrier Guard Trac™ WP & WPS 2m	7.1	272547
Barrier Guard Trac™ WP & WPS 1.5m	6	272537
Long, fully equipped double bracket	7	217447
Short, fully equipped double bracket WPS	5	272507
Counterweight 25kg	25	186938
Counterweight interface	0.1	272077



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Guard Trac guardrail

## Guard Trac Plus

### EN 13374-A:2019 & EN ISO14122-3:2016

The Guard Trac Plus version conforms and is certified to **EN 13374-A:2019 and the EN ISO 14122-3:2016.**

Its the strongest version of our Guard Trac range, thanks to the additional counterweight and welded clamp.

The deformation, when the system is loaded, is the smallest of our Guard Trac range.

This makes Guard Trac Plus the most suitable solution of our guardrail system in difficult environment.

The Guard Trac Plus system can be installed on flat and inclined surfaces. The inclination is limited to 10°.


Tractel® is one of the first manufacturer to certify and put on the market guardrails according to the standard EN ISO 14122-3 version 2016. In this new version, only 2 additional criteria were added, but their impact on the design are important.


Model	Weight (kg)	Product Code
Standard barrier 3m	8.1	272007
Short barrier 2m	6.6	272057
Adjustable barrier 2.00 - 2.40m	11.2	272037
Latch	0.1	227015
Double bracket for Guard Trac and Guard Trac Plus	7	217447
Single bracket for Guard Trac Plus	4,2	217437
Counterweight interface	0.1	272077
Counterweight 25kg	25	186938
Welded clamp	1.5	227045


## Adjustable gate for Guard Trac & Guard Trac Plus

Model	Weight (kg)	Product Code
Adjustable gate for Guard Trac and Guard Trac Plus	5.8	272067



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



# Selecting your fall protection PPE

Tractel® offers a full range of Personal Protective Equipment (PPE) in order to offer the support and safety necessary to protect yourself from the risk of falling when working at height. With over 70 years of industry experience, Tractel® has built a culture of safety through its ingenuity in manufacturing innovative and high quality products.

## BASIC REQUIREMENTS OF PPE

- PPE must be suitable for the user.
- PPE must be properly maintained and stored.
- The user must be trained and / or informed in the use, care and maintenance of the equipment.
- Employers must evaluate the PPE requirements.
- Employees must report any loss or damage to the PPE.
- PPE must be compatible with the systems used.

## CREATE YOUR FALL ARREST SYSTEM

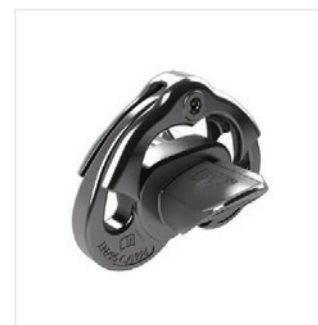
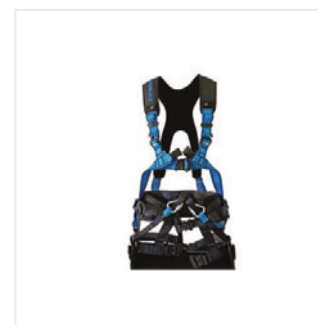
To protect yourself in the event of a fall, you must have a fall arrest system that will stop and support you.

This fall arrest system must contain:

- An anchor
- Fall arrester (rope grab, self-retracting lanyard, energy absorber)
- A safety harness

Your fall arrest system can be supplemented with a lanyard that limits your movements within a secured area

**While working at height using fall arrest equipment, a helmet must be worn that is certified to EN 397, with chin strap and 4 fixing points and classified as PPE category III.**



# Harness details

## Attachment points



### DORSAL

Fall arrest attachment point, marked with the letter "A", present on all EN 361-compliant harnesses.



### STERNAL

EN 361-compliant fall arrest attachment point, marked with the letter "A", and "A/2".



### THORACIC

EN 361-compliant fall arrest attachment point, marked with the letter "A", and EN 358-compliant work positioning point.



### UMBILICAL

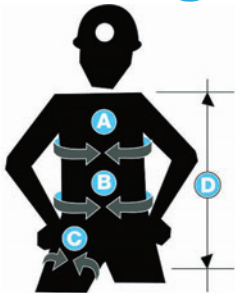
Attachment point for work while suspended (rope access work) EN 813.  
Cannot be used as an anchor point for fall arrest purposes.



### LATERAL

Attachment point for EN 358-compliant work positioning systems.  
Cannot be used as an anchor point for fall arrest purposes.

## Selecting the correct harness size



	S	M	XL	XXL*
A	60 - 100	80 - 120	100 - 160	130 - 170
B	75 - 100	90 - 110	100 - 150	130 - 170
C	45 - 60	45 - 70	45 - 80	80 - 90
D	55 - 65	65 - 80	80 - 90	90 - 100

in cm

\*XXL sizes are only available for specific models, indicated directly on the pages concerned.

# Harness series

## Specialist series

Designed to meet specific job requirements and extended use - EN358 / EN361 / EN813



HT Access

HT Promast

HT Secours

HT Transport

HT Greentool

HT Electra

HT Easyclimb

HT 55 A CS

HT ladytrac

## Expert series

Generalist harnesses designed for daily use – EN361



HT56

HT55

HT120

HT46

HT45

HT45 with jacket

HT44

## Pro series

Designed for regular use – EN361



HT34

HT43

HT42

HT22

HT22 with jacket

## Essential series

Designed for occasional use - EN361



HT21

HT11

HT10

ET11

ET10

# Specialist series

**NEW**

## HT Access

EN 361 - EN 358 - EN 813



The HT Access is a versatile and comfortable safety harness. It is perfect for rope access, rescue or fall arrest applications. We designed the HT Access to be the day-to-day working tool for everyone working at height.

Working in comfort reduces fatigue and the HT Access has been designed to do just that. This has a positive impact on the efficiency of the work carried out.

### Comfort and Fit

The HT Access was designed to maximise the user comfort. The belt and Y-pad are made with high-density foam to reduce fatigue during long working operations. The fabric on the inner lining reduces perspiration. We have also added padding on the belt, back pad and the leg straps.

The innovative design of the shoulder straps allows free movement of the shoulders. The left shoulder strap includes an adjustable automatic buckle to allow for easy adjustment and removal of the harness. The shoulder straps connect to the belt with a double safety connector.

A well-fitting harness is both comfortable and safe. We have made sure all that all straps that need to be adjusted are fitted with easy-to-use buckles. Please find more information about making sure your harness fits well here. Putting the HT Access on is easy and quick. Traditional safety harnesses are put on like a jacket, but with this harness you put it on like a pair of trousers.

The HT Access is available in sizes S / M / XL / XXL

### Connection points

While working at height, users want clarity. The sternal and back fall arrest connection points are in grey and equipped with a fall indicator. The work positioning and the umbilical rope access connection points are in blue. All connection points are made from aluminium and have a 65 mm diameter to increase the safety and comfort.

The wide umbilical connection point can easily be used with multiple rope access accessories.

When the work positioning connection points are not required, they can be folded away.

The 4 semi-rigid loops on the belt can be used to connect tools.

### Online access to all important documents

Like all Tractel fall-protection equipment, the HT Access is connected to our Tracinfo platform. By scanning a QR Code on the harness, you can access all important documentation specific to your harness. Tracinfo can also be used to store details of periodic inspections and to set automatic reminders for future inspections.

A wide range of accessories can be combined with the HT Access harness. Please refer to the rope access equipment section.



	S	M	XL	XXL
HT Access	86512	86522	86532	87012



Semi-rigid loops on the belt



Shoulder adjustment and automatic buckle



Sternal connection point



Umbilical connection point

# Specialist series

## Harness HT Promast

EN361 - EN358 - EN813



Harness for rope access work. Designed for working in a suspended position for long periods of time.

- 1 dorsal anchorage with a big forged D to eliminate the risk of carabiner disconnection.
- 1 sternal anchorage textile loop.
- 1 umbilical suspension point textile loop.
- 2 lateral belt-attachment points.
- X-pad comfort backrest: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Quick-release buckles.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Fall indicator on each attachment point.
- High-comfort, mountaineering design leg straps



	S	M	XL
HT Promast - Quick-release buckles	65242	65252	65262

## Harness HT Secours

EN361 - EN358 - EN813



This harness offers considerable freedom of movement for rope access work. Designed for working in suspension.

- 1 dorsal with a big forged D anchorage to eliminate the risk of carabiner disconnection.
- 1 sternal anchorage.
- 1 umbilical suspension point textile loop.
- 2 lateral belt-attachment points.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Standard or Quick release buckles.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Fall indicator on each attachment point.
- High-comfort, mountaineering design leg straps (adjustable slider).



	S	M	XL	XXL
HT Secours - Standard buckles	66132	66142	66152	-
HT Secours - Quick-release	65882	65892	65902	80812



# Specialist series



## Harness HT Transport

EN361 - EN358 - EN813



Harness for working on pylons, ensuring easy climbing, staying in position on the job and designed for working in suspension.



- 1 dorsal with a big forged D anchorage to eliminate the risk of carabiner disconnection.
- 1 sternal anchorage textile loop.
- 1 umbilical suspension point textile loop.
- 2 lateral belt-attachment points.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Quick-release buckles.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Fall indicator on each attachment point.
- High-comfort, mountaineering design leg straps (adjustable slider).

	S	M	XL	XXL
HT Transport - Quick-release buckles	65942	65952	65962	-
HT Transport - Quick-release buckles with Elastrac™	65972	65982	65992	80832



## Work Seat

For working in a seated position for a long period of time.

The rigid sides avoid thigh compression.

It is equipped with three tool holders.

It can be installed by the user.

This work seat is compatible with the HT Secours, HT Access, HT Promast and HT Transport.

Model	Product Code
Work seat	65762

● Order products on day 1, will be shipped no later than day 2,

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

○ Available on request. Please enquire about delivery times of these items.

# Specialist series

## Harness HT Greentool

EN358, EN361, EN813



Arborist harness for tree surgeons, equipped with an ergonomic work seat.

- 1 dorsal with a big forged D anchorage to eliminate the risk of carabiner disconnection.
- 1 sternal anchorage textile loop.
- 1 umbilical suspension point textile loop.
- 2 lateral belt-attachment points.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Quick-release buckles.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Fall indicator on each attachment point.
- High-comfort, mountaineering design leg straps (adjustable slider).



	S	M	XL	XXL
HT Greentool - Quick-release buckles	66032	66042	66052	80772

## Harness HT Electra

EN361 - EN358



Harness designed for working in the utilities industry. The HT Electra belt rotates inside the harness to allow for freedom of rotation when working on pylons.

- 1 dorsal with a big forged D anchorage to eliminate the risk of carabiner disconnection.
- 1 sternal anchorage textile loop.
- 2 lateral belt-attachment points.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Quick-release buckles.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Fall indicator on each attachment point.
- High-comfort, mountaineering design leg straps (adjustable slider).



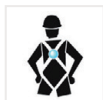
	S	M	XL	XXL
HT Electra - Quick-release buckles	65272	65282	65292	76012
HT Electra - Quick-release buckles with Elastrac™	65912	65922	65932	80722

# Specialist series



## Harness HT Easyclimb

EN361 - EN358



Harness designed for climbing up and down ladders equipped with EN 353-1 fall arrester, rails or wire rope. Its unique sternal attachment point (Tractel patent), situated on the belt, makes ladder movement easy.

- 1 dorsal with a big forged D anchorage to eliminate the risk of carabiner disconnection.
- 2 thoracic forged D anchorages.
- 1 attachment point umbilical forged D (anti roll-back).
- 2 lateral belt-attachment points.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Quick-release buckles.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Fall indicator on each attachment point.
- High-comfort, mountaineering design leg straps (adjustable slider).

	S	M	XL	XXL
HT Easyclimb - Quick-release buckles	66452	66462	66472	80712

● Order products on day 1, will be shipped no later than day 2,

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

○ Available on request. Please enquire about delivery times of these items.

## Harness HT55 Confined Space

EN 361



The HT55 harness can be used for confined space. It is particularly suited for use with a respiratory system which slides easily onto the belt.

Enhanced comfort is ensured by the back XPad, the mountaineering-type thigh straps, and the linkage between the shoulder straps and thigh straps by connecting buckles.

The harness is very easy to slip on as it opens fully at the front with the X-Pad preserving the harness form.

- Universal and very comfortable harness, automatic with extra comfort for long periods of work
- 1 dorsal with a big forged D anchorage to eliminate the risk of carabiner disconnection
- 1 sternal anchorage
- 1 special belt for respiratory system
- 1 comfort sub-pelvic strap
- Sliders for strap adjustment. Cannot be removed for security reasons
- 3 adjustment points
- Independent mountain leg strap High-comfort
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Fall indicator in each anchorage
- Label holder



	S	M	XL
HT55 AE Confined Space	83902	83912	83922

● Order products on day 1, will be shipped no later than day 2,

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

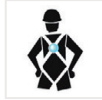
Available on request. Please enquire about delivery times of these items.

# ladytrac™ harness

A harness designed for women, a Tractel patented design.



## EN361



At last, a harness designed for women:

- IPAF Innovation Award (International Powered Access Federation), Bauma 2010
- 1st Prize for Innovation, Expoprotection

A design adapted to the female form:

- The position of the straps are adapted to a woman's shape
- No friction on the upper body caused by the positioning of the straps
- The jacket fits the user's shape
- Comfort dedicated to women: light belt with elastic canvas

Increased safety in case of a fall:

- Much lower risks of lesions to the breast caused by contact with the straps in the advent of a fall
- The ladytrac patented concept ensures an ideal position of the straps on a woman's body
- Universal and very comfortable harness
- 1 dorsal forged D anchorage
- 3 Adjustment points
- Comfortable elastic jacket

Comfort



Frequency of use



Integrated options



In addition, the Ladytrac B version has:

- 2 belt attachment points (lateral)
- 4 Adjustment points

	M	XL
HT ladytrac™ - Quick-release Buckles	55882	55892
HT ladytrac™ B version - Quick-release Buckles	55282	55292



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

## Harnesses HT56 and HT55

These harnesses are designed for a wide range of applications.

Enhanced comfort is ensured by the back X-Pad, the mountaineering-type thigh straps and the linkage between the shoulder straps and thigh straps by connecting buckles.

The harnesses are very easy to put on as it opens fully at the front with the X-Pad preserving the harness form.

- Universal and very comfortable harness automatic with extra comfort for long periods of work
- 1 dorsal with a big Forged D anchorage to eliminate the risk of carabiner disconnection & 1 sternal anchorage.
- 2 thoracic anchorage forged D for the HT56.
- 1 comfort sub-pelvic strap / 3 adjustment points.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Independent mountain leg strap High-comfort.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Fall indicator on each anchorage.
- Label holder: ideal to customise the harness with a name, logo, information, etc..

### Harness HT56

EN361

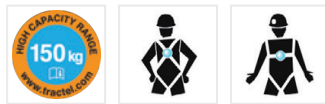


	S	M	XL	XXL
HT56 - Standard buckles	65302	65312	65322	-
HT56A - Quick-release buckles	65332	65342	65352	80682
HT56A - Quick-release buckles with Elastrac™	65682	65692	65702	80692



### Harness HT55

EN361



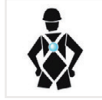
	S	M	XL	XXL
HT55 - Standard Buckles	65592	65602	65612	-
HT55A - Quick-release Buckles	65622	65632	65642	80632
HT55A - Quick-release buckles with Elastrac™	65652	65662	65672	-





## Harness HT120

EN361



Harness designed for movement (up or down) on structures equipped with an EN 353.1 rail or cable fall arrester device equipped with an approved fall arrest umbilical anti-fallback system attachment point.

The HT120 harness is equipped with an approved fall arrest umbilical attachment point. This attachment point, while being fall arrest approved, provides comfortable support going up or down. HT 120 is the only harness on the market that offers this type of attachment point.

The HT120 harness is particularly adapted for climbing on ladders equipped with a rail-mounted FABA type fall arrester, whether or not including a tractelift climbing aid system.

It's patented design prevents the user from falling backwards in the event of a fall, eliminating the risk of serious back injuries

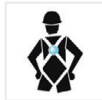
- 1 dorsal attachment point.
- 2 thoracic attachment points.
- 1 umbilical attachment point.

	S	M	XL
HT120 - Standard Buckles	61702	61712	61722



## Harness HT46

EN361



- Comfortable for long periods of work
- 1 dorsal "Forged D clip", 1 sternal and 2 thoracic ones
- 5 adjustment points.
- 1 sub-pelvic strap

- Sliders for strap adjustment. Cannot be removed for security reasons.
- High comfort independent mountain leg strap
- Label holder.

	S	M	XL	XXL
HT46 - Standard Buckles	55042	55052	55062	-
HT46A - Automatic Buckles	52972	52982	52992	80552
HT46A - Automatic Buckles with Elastrac™	54952	54962	54972	-

● Order products on day 1, will be shipped no later than day 2,

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

○ Available on request. Please enquire about delivery times of these items.

## Harness HT45

EN361



- Comfortable for long periods of work
- 1 dorsal "Forged D clip", 1 sternal anchorage
- 5 adjustment points.
- 1 sub-pelvic strap.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Label holder.

	S	M	XL	XXL
HT45 - Standard Buckles	55012	55022	55032	75532
HT45A - Automatic Buckles	53072	53082	53092	-
HT45 AE - Automatic Buckles - Elastrac	54922	54932	54942	-



## Harness HT45 with jacket

EN361 - EN471



	M	XL
HT45 with orange jacket - Flat buckles	83822	83832
HT45 with yellow jacket - Flat buckles	83802	83812



## Harness HT44

EN361



- Comfortable for long periods of work
- 1 dorsal "Forged D clip" and 2 thoracic ones.
- 5 adjustment points.
- 1 sub-pelvic strap.
- High comfort independent mountain leg strap
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Label holder.

	S	M	XL
HT44 - Standard Buckles	44102	44112	44122





# Pro series



Comfort

Frequency of use

Integrated options

## Harness HT34

EN361 - EN358



- Universal harness with belt.
- 1 dorsal forged D anchorage.
- 1 sternal anchorage.
- 2 thoracic anchorage.
- 2 lateral hitch D rings.
- 6 adjustment points.
- 1 sub-pelvic strap.

	S	M	XL
HT34 - Standard Buckles	35352	35362	35372
HT34 A - Size XL - Automatic Buckles	40782	40792	40802



Comfort

Frequency of use

Integrated options

## Harness HT43

EN361



- 1 dorsal forged D anchorage.
- 1 sternal textile loop anchorage.
- 2 thoracic anchorage.
- 5 adjustment points.
- 1 sub-pelvic strap.

	S	M	XL
HT43 - Standard Buckles	33302	33292	33312
HT43 A - Quick-release Buckles	33332	33322	33342



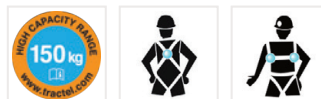
Comfort

Frequency of use

Integrated options

## Harness HT42

EN361

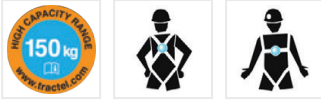


- 1 dorsal forged D anchorage.
- 2 thoracic anchorage.
- 5 adjustment points.
- 1 sub-pelvic strap.

	S	M	XL
HT42 - Standard Buckles	31622	10042	31082

## Harness HT22 with X-pad comfort back pad

EN361



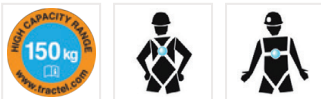
- 1 dorsal forged D anchorage.
- 1 sternal textile loop anchorage.
- 5 adjustment points.
- 1 sub-pelvic strap.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.

	M	XL	XXL
Harness HT22 with X-pad comfort back pad	69272	69292	80322



## Harness HT22

EN361



- 1 dorsal forged D anchorage.
- 1 sternal textile loop anchorage.
- 5 adjustment points.
- 1 sub-pelvic strap.
- Sliders for strap adjustment. Cannot be removed for security reasons.

	S	M	XL	XXL
HT22 - Standard Buckles	31592	14002	28502	79412
HT22 A - Automatic Buckles	31832	31822	31842	-



Order products on day 1, will be shipped no later than day 2,

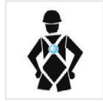
Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

# Pro series

## Harness HT22 with jacket

EN361 - EN471



- 1 dorsal forged D anchorage.
- 1 sternal textile loop anchorage.
- 5 adjustment points.
- 1 sub-pelvic strap.
- Sliders for strap adjustment. Cannot be removed for security reasons.
- Orange/ yellow jacket : comfortable lightweight high-visibility vest - **Already installed on the harness.**

	M	XL
HT22 with orange jacket - Standard Buckles	83782	83792
	M	XL
HT22 with yellow jacket - Standard Buckles	83762	83772

Comfort	<div style="width: 20px; height: 10px; background-color: #90EE90; border: 1px solid #000;"></div>
Frequency of use	<div style="width: 20px; height: 10px; background-color: #90EE90; border: 1px solid #000;"></div>
Integrated options	<div style="width: 20px; height: 10px; background-color: #90EE90; border: 1px solid #000;"></div>



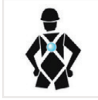
Order products on day 1, will be shipped no later than day 2,

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

## Harness HT22R

EN361 - EN1497



Universal harness with standard buckles and rescue straps.

The HT22R is a harness specifically designed to rescue an operator working in a confined space. It is equipped with an emergency strap attached to the shoulder straps. This strap allows the operator to be raised in a perfect vertical position which facilitates the exit of the body through the manhole.

- 1 dorsal anchor point.
- 1 sternal anchorage point in textile loop.
- 1 sub-pelvic strap.
- 5 adjustment loops.

	S	M	XL
HT22R	44952	44962	44972



## HT9 Evacuation triangle

EN1497



Special harness for evacuation operations, easy to install, even with a person lying on the ground.

Due to its 3 adjustment settings, the HT9 can be used with both children and adults

Model	Product Code
HT9 Evacuation Harness	17622



● Order products on day 1, will be shipped no later than day 2,

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

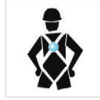
○ Available on request. Please enquire about delivery times of these items.

# Essential series



## Harness HT21

EN361



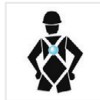
- 1 dorsal forged D anchorage.
- 1 sternal textile loop anchorage.
- 3 adjustment points.
- 1 sub-pelvic strap.

	S	M	XL
HT21 - Standard Buckles	31582	10012	29722



## Harness HT11

EN361



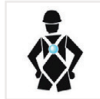
- 1 dorsal forged D anchorage.
- 3 adjustment points.
- 1 sub-pelvic strap.

	S	M	XL
HT11 - Standard Buckles	31192	10002	31182



## Harness HT10

EN361



- 1 dorsal forged D anchorage.
- Chest strap fitted with quick-release buckle.
- 3 adjustment points.

	M	XL
HT10 - Standard Buckles	17892	29702

# How to correctly put on a harness

1

Hold the harness up by the rear "D" ring and check for any twists or tangles.



2

Put both of your arms through the shoulder straps.



3

Connect the front buckle and tighten.



4

Connect the leg straps and tighten.



5

Adjust the straps. The harness should be snug but not overly tight.



6

The harness is now fitted correctly. The rear "D" ring should be between the shoulder blades and the sub pelvic strap should be positioned under the buttocks. If in doubt ask a colleague to check your harness.



Scan this QR code to visit our website ([tractel.com](http://tractel.com)) and view the video that shows you how to properly put on and adjust your harness.



Taking two minutes to view this video can mean the difference between safety and injury in the event of a fall.

# Helmets



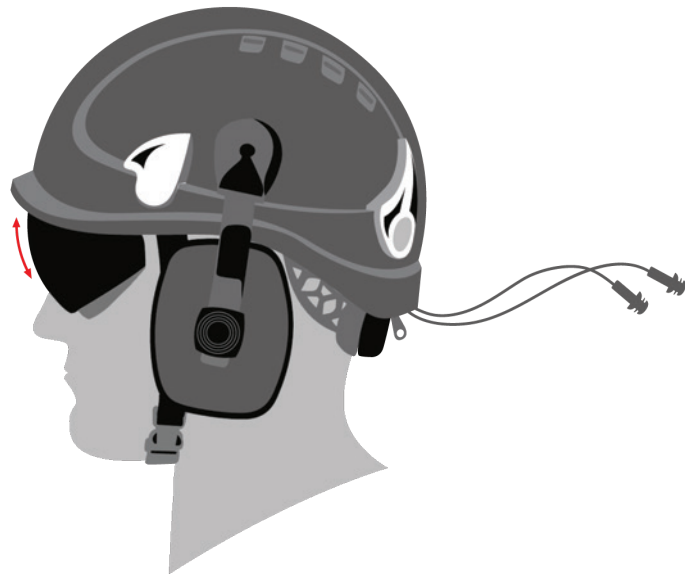
## TR2000 helmet with 4 point chinstrap

### EN397 - EN50365

Tractel's TR2000 helmet offers numerous advantages:


- Shell in polycarbonate for optimal protection from impacts and compression
- Short visor for easier upwards vision
- Available in 3 colours: blue, white and red
- Lightweight: 375 g
- Fast knurled wheel adjustment to head size 45 to 62 cm
- Fabric straps for ideal comfort
- Towelling all round sweatband
- Usage temperature -30°C to +40°C
- Service life: 5 years from the date of production
- Numerous accessories


Model	Product Code
Helmet - blue colour	60252
Helmet - red colour	60432
Helmet - white colour	60442




## TR2000 helmet accessories

Model	Product Code
integrated visor, clear	60272
Integrated visor, tinted	60262
in-ear defender	60292
mounted ear defenders	60282
head torch clip	60302
	62782

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

CE restraint belts feature side attachment points for a support lanyard and are equipped with three tool bag buckles. The size is easily and quickly adjusted by a single set of loops. The belt is held in place with plastic loops. They can be combined with any harness from our range, using belt loops, making a fully integrated belt-harness solution.



## Safety Belt CE06

### EN358

- Two wide easy access forged steel fastening buckles of 60mm.
- Large comfortable foam backpad.

Model	Size (Apparel)	Product Code
Safety Belt CE06 - Standard Buckles	S	80242
Safety Belt CE06 - Standard Buckles	M	80252
Safety Belt CE06 - Standard Buckles	XL	80262
Safety Belt CE06 - Quick-release buckles - Size S	S	80272
Safety Belt CE06 - Quick-release buckles - Size M	M	80282
Safety Belt CE06 - Quick-release buckles - Size XL	XL	80292



## Safety Belt CE01

### EN358

- Belt fits all harnesses with 2 pressed D ring of 45mm.

Model	Size (Apparel)	Product Code
Safety Belt CE01 - Standard Buckles	S	32882
Safety Belt CE01 - Standard Buckles	M	10052
Safety Belt CE01 - Standard Buckles	XL	10062
Safety Belt CE01 - Quick-release buckles	S	33202
Safety Belt CE01 - Quick-release buckles	M	33212
Safety Belt CE01 - Quick-release buckles	XL	33222



Order products on day 1, will be shipped no later than day 2.

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.



# Accessories



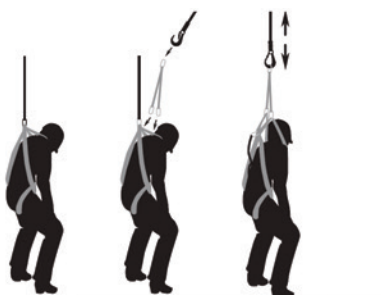
## Rescue lanyard option R

Rescue lanyard with 3 connectors M10 to evacuate a casualty. This 60 cm long webbing extension fits all Tractel harnesses.

It is fixed directly onto the shoulder straps of the harness via two M10 connectors.

The rescue system is fixed onto the other end using a connector.

Model	Product Code
Option R	83892



## Option RL

### EN354

45mm webbing anchorage extender that attaches to the back D-ring of a fall arrest harness.

The extender is equipped with a plastic loop that allows the soft strand of the webbing to be positioned on one of the harness back straps when the extender is not in use.

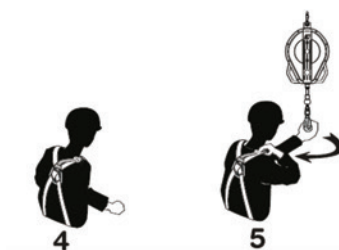
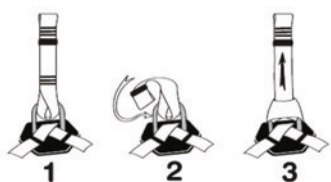
#### Dimensions (mm)


- Webbing width 45 mm
- Total length: 260 mm
- 2 sewn loops
- Max. working load: 150 kg


#### Material


- Webbing: polyester

Model	Product Code
Option RL	32872



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Accessories

## Suspension trauma straps

### Accessory for safety harnesses

The Suspension trauma straps is a portable, lightweight accessory that fits onto any harness and can be deployed in the event of a fall. The comfort strap has a foot loop for the user to stand in while suspended. It allows the user to stand up straight, relieving any pressure on the legs.

Suspension syncope can occur when the user is left suspended in a hanging position following a fall. During this time the harness can cut into the thighs, restricting blood flow, which can cause a series of complications including fainting and even death.

#### Specification

- Hardwearing zipped pouch, 80 mm diameter, 40 mm thick.
- Strap made from polyamide strap and zinc plated steel.
- Adjustment buckle.
- Easily adjustable up to 1.2 m to suit the height of the user.
- Weight: 100 g.
- User manual included within the pouch.
- Quick and easy to attach to the harness.
- Suitable for use with any Tractel harness.

#### Easy to Use

Step 1 - Unzip the pouch and deploy the leg loop.

Step 2 - Place both feet in the foot loop.

Step 3 - Adjust the strap as required.

Step 4 - Stand up straight to relieve pressure on the legs.



Model	Product Code
Suspension trauma strap	66182

## X-Pad

### Removable X-Pad for Tractel harnesses

The X-Pad can be installed on all Tractel existing harnesses (except the HT Ladytrac and HT Access), including those with the Elastrac option, by the users themselves.

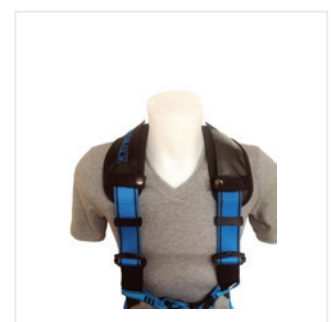
On the left shoulder strap, the X-Pad is equipped with a label holder designed to receive a traceability card dedicated to the user.

Following customers' feedback regarding the comfort around the neck, the 2 straps around the neck have now a wide opening.

Gives rigidity to hold the harness into a good shape for an easy put on.

The X-Pad is individually available.

The X-Pad is equipping our Specialties harness series and harness HT55 and HT56.



Model	Product Code
X-Pad	86612

# Accessories



## High-visibility vest

### EN471 - EC/ISO standard 20471, class 2

Comfortable lightweight high-visibility vest specifically developed for use with TRACTEL® harnesses without belt.

Reflective vests provide double security in those situations where there may not be enough light to be seen by others and by night. It makes the wearer visible at all times and in all weathers thanks to the retroreflective warning strips.

- Fluorescent outer fabric of polycotton (80% polyester / 20% cotton): resistant to all kinds of grease and dirt.
- Black honeycomb-structure lining, 100% polyester: reduces transpiration for the wearer's comfort.
- Two double pockets on the front of the vest, each with a flap that can be closed with press studs.
- Grey 50 mm-wide retro-reflective strip.
- Light weight: 660g.
- Easy to position the harness within the vest. Fast, simple and safe donning : once the harness has been set up in the vest, the user can easily slip on the garment with the harness fitted in.
- One size only : the sides can be let in or out thanks to clever inlays connected by an elastic cord, adjustable using a clip.
- Can be washed in a standard washing machine at 60°C.

Model	Product Code
High-visibility vest - Orange	75672
High-visibility vest - Yellow	75662



Order products on day 1, will be shipped no later than day 2,



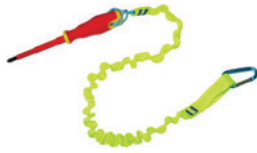
Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Tool holding accessories

Tractel tool holders are compatible with a vast majority of standard tools, weighing up to 5 kg. When a tool holder is utilised, it eliminates the risk of a serious accident caused by falling tools. This line of accessories does not inhibit a person's ability to fully utilise the required tools and ensures complete safety by eliminating the risk of objects falling from height.



ETL



ETLS



TL

Model	Product Code
ETL	74782
ETLS	74812
TL	74842
TLS	74872
TWB	74902
OAS	75572



TWB



OAS

## Tool holding bag


Designed to be attached to Tractel harness belts.


It's thoughtfully designed to enable the user to safely carry the tools and small components required when working at height.


- A main, open compartment measuring 220mm wide x 70mm deep x 350mm high. The base of the pouch is leather-reinforced to prevent it from being cut or pierced by sharp tools.
- A Velcro-closable pocket measuring 220mm wide x 20mm deep x 180mm high.
- Two front pockets measuring 110mm wide x 20mm deep x 180mm high



Model	Product Code
Tool holding bag	75582

 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Bags

Model	Description	Product Code
Cloth pocket bag	Zip fastening / Size : 400 x 290 x 20 mm	11942
Cloth shoulder bag	Zip fastening / Size : 430 x 310 x 150 mm	10542
Backpack	Zip fastening / Size : 420 x 260 x 120 mm	67392
Combipro 20L	Waterproof canvas carrying bag Zip fastening / Size : 360 X 320 mm	50992
Combipro 30L	Waterproof canvas carrying bag Zip fastening / Size : 570 X 410 mm	20812
Combipro 60L	Waterproof canvas carrying bag Zip fastening / Size : 680 X 510 mm	20822
derope™ drop bag	Backpack / Size: 430 x 310 x 150 mm	67422
tracpode canvas bag	Zip fastening / Size : 1900 x 290 x 290 mm	31572
Transport bag	Zip fastening / Size : 1550 x 270 x 270 mm	68752



**Cloth pocket bag**



**Cloth shoulder bag**



**Backpack**



**combipro 20L**



**combipro 30L**



**combipro 60L**



**derope bag**



**tracpode bag**



**Door anchor bag**

# How to choose your fall arrest device

## Selecting the right fall arrest device



### Self-retracting fall arrest: blocfor range

These fall arrest devices are particularly well suited to all types of work involving vertical and horizontal movement. They facilitate the operator's horizontal movement over surfaces covered with obstacles such as flat roofs or industrial sites.

Conform to standard EN360 and to European data sheets CNB/P/11.060 (for horizontal use) & CNB/P/11/062 (for use above 100 kg).

#### WORK APPLICATIONS

- Working on scaffolding, in cradles, etc.
- Working on flat roofs.
- Maintenance work.

### Guided-type fall arrest on an anchor line: stopfor range

These fall arrest devices are recommended for work involving vertical movements. Some of them have also been tested for horizontal movements, which require manual assistance.

Conform to standard EN353-2 and to European data sheets CNB/P/11.060 (for horizontal use) & CNB/P/11/062 (for use above 100 kg).

#### WORK APPLICATIONS

- Working on ladders.
- Working on roofs.
- Cleaning windows.
- Rope access work.

### Shock-absorbing fall arrest: shock-absorbing lanyard range

These fall arrest devices are suited to tasks where there is limited freedom of movement.

Conform to European data sheets CNB/P/11.060 (for horizontal use) & CNB/P/11/062 (for use above 100 kg).

#### WORK APPLICATIONS

- Working on roofs.

## Applicable standards

### • EN 360 : (Blocfor range)

An automatic fall arrest device is a device equipped with a lanyard (cable or strap) kept constantly in tension. It allows for the movement of users without manual intervention. The system automatically locks when there is an acceleration of the lanyard and immobilizes the user in case of a fall. These fall arrest devices exist in different lengths and different materials are used for the lanyard.

### • EN 353-2: (Stopfor range)

A fall arrest device on a flexible belay is a device that moves freely during ascent and descent and automatically locks on the rope in case of a fall. The belaying support may be stranded rope or braided rope. These flexible supports must be weighted with a counterweight.

### • EN 355: (shock absorber lanyard range)

An energy absorbing fall arrester makes it possible to arrest a fall in a short distance (max 2m). Its design ensures total safety for a fall factor of 2. In case of a fall the absorber will tear out sufficiently to reduce the force of the impact.

Each fall arrest described above, in the event of a fall,  
will ensure that the user will not be subjected to an impact of more than 600 daN.

# Blocfor fall arrest devices

Tractel offers a wide range of Blocfor, self-retracting fall arrest device, ranging from 1.8m to 30m with different material for the rope.

The versions up to 6m included are equipped with a webbing lanyard. The versions from 10m to 30m can be delivered with a galvanised steel, stainless steel or synthetic rope depending the application.

Tractel also offers Blocfor combined with rescue device; the Blocfor 20 and 30. These versions are designed to provided a simple and quick rescue solution. In the event of fall with a Blocfor rescue, the integrated rescue winch can be activated easily, the person can be rescued within minutes.

The choice of rope type for the versions between 10m and 30m depends on the application.

- The galvanised steel rope is an allrounder and can be used on most common application
- The stainless steel rope version should be preferred in food, humid or chemical environments
- The synthetic rope version should be preferred in anti-static and electrical environments as the rope is non-conductive.

On some of the Blocfor, the additional edge test specified in the CNB/P/11.060 are performed to ensure these Blocfor can be used over a sharp edge.

The Blocfor 1.8 EVO ESD is designed to withstand a fall with a fall factor 2. The certification tests are described in the CNB/P/11.085.

Most of our Blocfor are rated 150kg, and to ensure their conformity, they are tested according to the CNB/P/11.062 which defines the tests for fall arrest device with a capacity higher than 100kg.

	1.8 ESD	1.8 EVO ESD	1.8 DUO EVO	5 ESD	6 ESD	10 ESD	20 EVO	20 R ESD	30 ESD	30 R ESD
<b>Type of rope</b>										
Webbing	✓	✓	✓	✓	✓					
Galvanised steel						✓	✓	✓	✓	✓
Stainless steel						✓	✓	✓	✓	✓
Synthetic						✓	✓			
<b>Flat roof application (PPE-R/11.060)</b>	✓	✓	✓	✓	✓	✓*	✓*		✓*	
<b>Fall factor 2 (PPE-R/11.085)</b>		✓	✓							
<b>150 kg (PPE-R/11.062)</b>	✓	✓	✓	✓	✓	✓	✓	✓*	✓	✓*
<b>Housing material</b>										
ABS plastic, UV resistant	✓	✓	✓	✓	✓	✓	✓	✓		
Aluminium									✓	✓
<b>Application</b>										
Scaffolding	✓	✓	✓							
Industrial				✓	✓	✓	✓		✓	
Rescue								✓		✓
Access to confined spaces	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* except stainless steel version





## Blocfor fall arrest devices

 <p><b>Blocfor 1.8 A ESD</b> Strap : 1.8 m</p>	 <p><b>Blocfor 1.8 B ESD</b> Strap : 1.8 m</p>	 <p><b>Blocfor 1.8 A EVO ESD</b> Strap : 1.8 m</p>	 <p><b>Blocfor 1.8 B EVO ESD</b> Strap : 1.8 m</p>
 <p><b>Blocfor 1.8 Duo ESD</b> 2 straps : 1,8 m</p>	 <p><b>Blocfor 5 / 6 ESD</b> Strap : 5 m / 6 m</p>	 <p><b>Blocfor 10 ESD</b> • Galvanised • Synthetic rope Rope : 10 m</p>	 <p><b>Blocfor 10 ESD I</b> • Stainless Steel Rope : 10 m</p>
 <p><b>Blocfor 20 ESD EVO</b> • Galvanised • Synthetic rope • Stainless steel* Rope : 20 m <i>*(Stainless steel version only suitable for vertical use)</i></p>	 <p><b>Blocfor 30 ESD</b> • Galvanised • Stainless steel* Rope : 30 m <i>*(Stainless steel version only suitable for vertical use)</i></p>	 <p><b>Blocfor 20R ESD / Blocfor 30R ESD</b> • Galvanised • Stainless steel Rope : 18 m / 30 m</p>	



High Capacity range 150 kg.



Can be used on flat roof



Can be used in a fall factor 2

(For explanation regarding factor 2 see page 186)

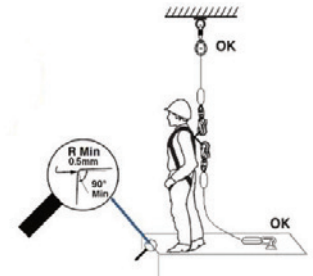


# Blocfor 1.8 ESD fall arrest devices

Automatic fall arrester with 1.8 m strap, for vertical or horizontal use.

The Blocfor 1.8A & 1.8B ESD has many advantages for the user:

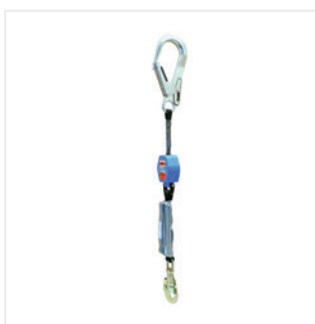
- Lightweight and compact, which makes it easy to carry and use.
- Aramid strap : 15 mm width, 1.45 m length.
- Plastic housing, anti-UV, very resistant to shocks and ageing.
- Easy to install on different types of anchors thanks to several connectors (M10, M51 or M53).
- Easy to connect to the harness thanks to the M47 safety hook connector.
- Flexible unwinding system eliminates sticking or stopping during use.
- Presence of a swivel at the end of the strap allows for easy winding, the strap is free of any twists.
- In the event of a fall, the device triggers in less than 100 mm, reducing the distance of a fall.
- Shock-absorption system ESD is also a fall indicator, making it easy to identify whether the block has been involved in a fall. It ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.



## Blocfor 1.8A ESD 150kg

EN 360, PPE-R/11.060, PPE-R/11.062

Model	Description	Weight (kg)	Product Code
Blocfor 1.8A ESD M10 M47	1.8 m – webbing – M10 and M47 connector	1.36	70592
Blocfor 1.8A ESD M11 M47	1.8 m – webbing – M11 and M47 connector	1.36	75482
Blocfor 1.8A ESD M51 M47	1.8 m – webbing – M51 and M47 connector	1.63	70602
Blocfor 1.8A ESD M53 M47	1.8 m – webbing – M53 and M47 connector	1.69	70612
Blocfor 1.8A ESD M24 M47	1.8 m – webbing – M24 and M47 connector	1,41	86192





## Blocfor 1.8B ESD 150kg


EN 360, PPE-R/11.060, PPE-R/11.062

Unlike blocfor™ 1.8A ESD, the shock-absorption system ESD of the blocfor™ 1.8B ESD is positioned on the side of the attachment point of the harness, between the blocfor™ and the fall arrest point on the user's harness. The strap (fitted with an M51 connector) is connected to the anchor point of the blocfor™ on the structure.

Model	Description	Weight (kg)	Product Code
Blocfor 1.8B ESD 150kg M51 M47	1.8 m – webbing – M51 and M47 connector	1.63	72462

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Blocfor 1.8 EVO ESD fall arrest devices

To minimise the impact on a user in case of a fall, an anchor point above their head is ideal. This means the fall arrest device used comes into action immediately and therefore reduces significantly the impact energy that needs to be absorbed and the distance of the fall.



However, such an anchoring point is not always possible: Often, the only place to anchor is at, or even below, the level of the user's feet, as well as close to the edge where you can fall. This means that in the case of a fall, the user can fall the length of the lanyard before the fall arrest device activates, generating much higher energy levels that need to be absorbed to prevent harm to the user.

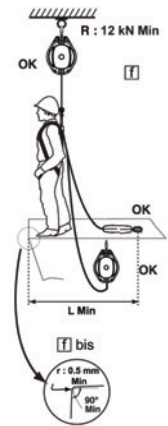
**This situation is often described as Fall Factor 2 and many fall arrest blocks explicitly forbid this kind of use in the user manual.**

**Tractel has now developed the Blocfor 1.8 Evo to work specifically in this situation.**

Fall arrest device with ESD technology, suitable for vertical or horizontal use. 1.8 metre webbing.

High Capacity Range 150 kg. Complies with CNB/P/11.062.

- Complies with EN 360 and CNB/P/11.060 standards for use on edges with a minimal 0.5 mm curve radius
- Can be used vertically or with a standard deviation of 20° in relation to vertical
- Can be used horizontally without the use of a lanyard between the end of the strap and harness
- **Can be used in FALL FACTOR 2**
- Flexible unwinding system which doesn't jerk during operator movement
- Responsive system which locks automatically in the event of a fall, reducing the total drop height
- Includes Energy System Dissipater (ESD) technology which enables the device to arrest a fall even when the webbing is fully unwound
- Integrated fall indicator
- Length 1.8 metres, webbing version
- Lightweight
- ABS fibre reinforced polyamide housing
- Standard M47 swivel connector at end of shock absorber



## Blocfor 1.8A EVO ESD 150KG

**EN 360, CNB/P/11.060, CNB/P/11.062, CNB/P/11.085**

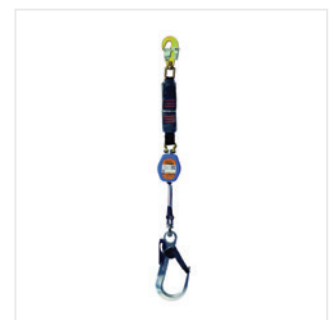
Model	Weight (kg)	Product Code
Blocfor 1.8A EVO ESD M10 M47	1,41	84052
Blocfor 1.8A EVO ESD M24 M47	1,41	86082
Blocfor 1.8A EVO ESD M53 M47	1,72	84062
Blocfor 1.8A EVO ESD M51 M47	1,72	84072
Blocfor 1.8A EVO ESD M23 M47 - DIN	1.69	84092



## Blocfor 1.8B EVO ESD 150KG

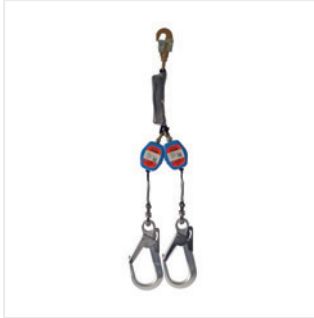
**EN 360, CNB/P/11.060, CNB/P/11.062, CNB/P/11.085**

Model	Weight (kg)	Product Code
Blocfor 1.8B EVO ESD M51 - M47	1.55	84082
Blocfor 1.8B EVO ESD 150KG	1.55	86292



# Blocfor 1.8 DUO ESD fall arrest devices

**NEW**



## Double SRL for scaffolding fall protection

Depending on your activity, you can be in situations where you have to regularly change to another anchorage point. However, due to the fact you are probably in an area where there is a risk of falling, it is vital that you stay constantly connected.


For this reason, we have developed a double blocfor, the blocfor 1.8 duo evo ESD. With this new product, you can be connected with 1 hook to the structure and if you have to pass an obstacle or change to another anchorage point, you attach the second hook to the structure. When the second hook is connected you can remove the first hook. This ensures that you will always be secured.


The Blocfor 1.8 duo evo ESD, self-retracting fall arrester is equipped with the new ESD system (Extremity System Dissipator). The ESD system ensures the user an impact of less than 600 daN, even if he falls when the lanyard is fully unwound. The ESD system reduces the impact on the user's body in the event of a fall.


Can be used for maintenance operations in gondolas, on scaffolding, climbing, in masts and pylons.

- Suitable for horizontal use with edges with a minimum radius of 0.5mm.
- Can be used in fall factor 2: possibility to work above the equipment anchorage point.
- Unit equipped with an M47 connector and an M51 connector. M51 is a connector with a big opening, made in aluminium: universal and light.
- Reduced space requirement.
- Very lightweight.
- Good ergonomics that ensure a perfect grip.
- One end is equipped with the Tractel ESD system.

Model	Weight (kg)	Product Code
Blocfor 1.8B DUO ESD 150KG M47-M51	2.66	84762
Blocfor 1.8B DUO ESD 150KG M47-M54	3.60	86992

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

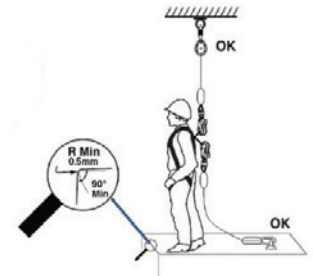
 Available on request. Please enquire about delivery times of these items.

# Blocfor 5 and 6 ESD fall arrest devices

Automatic fall arrester for **vertical and horizontal use**.

For the user, the blocfor™ 5/6 ESD has many advantages:


- Plastic housing made of a polyamide/ABS blend : very resistant to shocks and to UV.
- Aramid strap : Width of 25 mm. - length of 5 m (Blocfor 5 ESD), or 6 m (Blocfor 6 ESD).
- Simplified mechanism to optimize maintenance.
- Shock-absorption system ESD is also a fall indicator, making it easy to identify whether the block has been involved in a fall.
- Shock-absorption system ESD ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.
- Ergonomically shaped: easy to transport and to install.





## EN 360, PPE-R/11.060, PPE-R/11.062

Model	Description	Weight (kg)	Product Code
Blocfor 5 ESD M10 M47	5 m – webbing – M10 and M47 connector	2.86	70652
Blocfor 6 ESD M10 M47	6 m – webbing – M10 and M47 connector	2.76	70662
Blocfor 6 ESD M11 - M47	6 m – webbing – M11 and M47 connector	2.76	74672
Blocfor 6 ESD M24 M47	6 m – webbing – M24 and M47 connector	2.76	86202



 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Blocfor 10 ESD fall arrest devices

Automatic fall arrester with rope (galvanised or synthetic) for vertical or horizontal use.

**For the user, the Blocfor 10 ESD has many advantages:**

- Plastic housing made of a polyamide/ ABS blend : very resistant to shocks and and to UV.
- Galvanised rope (Blocfor 10 ESD G) / Synthetic rope (Blocfor 10 ESD SR)
- Simplified mechanism to optimize maintenance.
- Shock-absorption system ESD ensures that the user will not be subjected to an impact of more than 600 daN, even if the fall occurs when the cable is fully unwound. The fall indicator makes it easy to identify if the block has been involved in a fall.
- Ergonomically shaped.



## Blocfor 10 ESD 150kg fall arrest device

**EN 360, CNB/P/11.062, CNB/P/11.060**

Model	Description	Weight (kg)	Product Code
Blocfor 10 ESD G M10–M47	Galvanised rope	5.52 kg	70572
Blocfor 10 ESD G M24–M47	Galvanised rope	5.52 kg	86092
Blocfor ESD SR M10–M47	Synthetic rope	4.50	74372



## Blocfor 10 ESD I 150kg stainless steel fall arrest device

**EN 360, CNB/P/11.062**

The blocfor™ 10 ESD I 150kg is an automatic fall arrester equipped with a shock-absorption system (ESD), equipped with stainless steel components.

The ESD (Extremity System Dissipator) system ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.

The blocfor 10 ESD I 150kg with stainless steel cable is used when working in aggressive environments, such as chemical plants or sewage. In fact, in these environments, high humidity level or other atmospheric gases/particals could influence the normal wire rope.

**For the user, the blocfor™ 10 ESD I has many advantages:**

- Simplified mechanism to optimize maintenance.
- Shock-absorption system ESD (Extremity System Dissipator).
- Ergonomically shaped.
- Ultra-resistant to shocks and to UV.
- **Stainless steel wire rope**

Model	Weight (kg)	Product Code
Blocfor 10 I ESD 150kg M10I M10I	4,86	79002

# Blocfor 20 EVO ESD 150kg

EN 360, PPE-R/11.060, PPE-R/11.062

## Self-retracting fall arrest device

The **Blocfor 20 EVO ESD** is:

- A self-retracting fall arrest device
- With guaranteed 20 meters of wire rope made in:
  - Galvanised steel,
  - Stainless steel,
  - Or synthetic rope.
- Equipped with our ESD (Extremity System Dissipator) absorption system.
- Suitable for user with a weight up to 150kg
- That works in both vertical and horizontal (edge certification) applications.

The **latest innovation from Tractel** in self-retracting fall arrest device.

- A simple and proven mechanism to optimise its operation and maintenance.
- In the event of fall, its ESD system ensures that the impact on the operator is less than 600 daN. Even if the operator falls when the wire rope is unwound.
- Ergonomic handle for easy handling during transport and installation.
- Lightweight thanks to its plastic housing.
- Smooth to use. The proven mechanism prevents the unintentional locking of the system.
- A reinforced spring which ensures a perfect winding of the entire wire rope.
- Impact-resistant and UV-resistant housing

### Configuration in use

The Blocfor 20 EVO ESD fall arrest device can be used:

- For user with a weight up to 150kg including their equipment. Certified according to the PPE-R/11.062 "fall arrester with a capacity greater than 100kg",
- In vertical application with an angle up to 20° at the vertical of the anchor point.
- For horizontal application with edges having a radius of more than 0.5 mm, for galvanised and synthetic rope version only. Certified according to the PPE-R/11.060 "horizontal use"

### Connector

Galvanised and synthetic versions

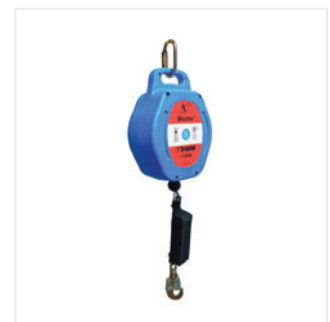
M24 twin-lock connector on top and M47 automatic connector with integrated swivel on the absorber.

Stainless steel version

M10 manual connector in stainless steel on both ends. With an inline swivel on the absorber end.

Model		Material	Weight (kg)	Product Code
Blocfor 20 EVO ESD G 150 kg	<b>N</b>	galvanised rope	9.4	<b>86662</b>
Blocfor 20 EVO ESD I 150 kg	<b>N</b>	Stainless steel rope	9.1	<b>86672</b>
Blocfor 20 EVO ESD SR 150 kg	<b>N</b>	Synthetic rope	8	<b>86652</b>

(Blocfor 20 EVO ESD I only suitable for vertical use)



**Order products on day 1, will be shipped no later than day 2,**

**Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.**

Available on request. Please enquire about delivery times of these items.

# Blocfor 30 ESD fall arrest devices


## EN 360, PPE-R 11.060, PPE-R 11.062


- Complies with EN 360 for self-retracting lanyard.
- High Capacity Range 150 kg. Complies with PPE-R 11.062.
- The galvanised version complies with PPE-R 11.060 standards for use on edges with a minimal 0.5 mm curve radius. Fall arrest device with ESD technology suitable for use on flat roofs.
- Can be used vertically or with a standard deviation of 20° in relation to vertical.
- Flexible unwinding system which doesn't shake during operator movement.
- Responsive system which locks automatically in the event of a fall, reducing the total drop height.
- Includes Energy System Dissipater (ESD) technology which enables the device to arrest a fall even when the webbing is fully unwound
- Integrated fall indicator
- Length 30 metres, version with galvanised or stainless steel.
- The housing is made of coated aluminium: highly resistant to shocks and abrasion
- Lightweight
- M47 swivel connector at end of shock absorber (Stainless steel version with stainless steel M10 connector and inline swivel)
- A blocking mechanism with a double locking pin which reduces the activation time




Model	Description	Weight (kg)	Product Code
Blocfor 30 ESD 150 kg M10 M47	Galvanised rope	16.6	74532
Blocfor 30 ESD 150 kg M24 M47	Galvanised rope	16.6	86122
Blocfor 30 ESD I 150kg	Stainless steel rope	17.6	79032

(Blocfor 30 ESD I only suitable for vertical use)

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Blocfor R EVO ESD

Fall arrest device with integrated rescue winch

## EN 360 - EN 1496-B - PPE-R/11.062

The Blocfor R EVO ESD 150 kg functions like a standard retractable fall arrester to stop the fall of an operator. It also features an integrated rescue winch system that can be easily activated after a fall to rapidly evacuate a person upwards or downwards in case of a rescue operation.

### Features:

- Available in 10 and 20 m
- Handle-type anchorage capable of receiving large-diameter connectors.
- Automatic fall arrester with an **integrated winch** for ascending or descending during a potential rescue operation.
- Housing casing made of a polyamide/ABS blend, UV-resistant, highly resistant to impact and aging.
- Equipped with an ESD energy absorber, traceability label and a fall indicator. That ensures that the user will not experience an impact of more than 600 daN even if the fall occurs when the cable or strap is fully extended.
- Allows horizontal use (for the version with galvanized cable).
- Blocfor R EVO ESD I are only suitable for vertical use.



Blocfor 20 R & 10 R EVO ESD G





Blocfor 20 R EVO ESD I


The associated mounting brackets allow for installation on Tracpode and Tracpode Pro tripods, Davitrac davits, Davimast masts, as well as the Tracrod anchorage point for easy winch handling.

Model	Length (m)	Description	Weight (kg)	Product Code
Blocfor 10 R EVO ESD G	10	Galvanised rope	11.2 kg	87742
Blocfor 20 R EVO ESD G	20	Galvanised rope	12.5 kg	87492
Blocfor 20 R EVO ESD I	20	Stainless steel rope	12.2 kg	87502



 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



# Blocfor 30 R ESD

Fall arrest device with integrated rescue winch

## EN 360, EN 1496-B, PPE-R/11.062

Automatic fall arrester with galvanised rope, with integrated winch that's highly effective and easy to operate.

This product can be used as a standard fall arrest device when the winch is not engaged and to lift a worker for a safe rescue when activated after a fall.

For the user, the Blocfor 20 R ESD / 30 R ESD has many advantages:

- Plastic housing made of a polyamide/ABS blend (blocfor 20R) / Aluminium housing (blocfor 30R) : Anti-UV, very resistant to shocks and ageing.
- Shock-absorption system ESD is also a fall indicator, eliminating the risk of using the device after a fall. It ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.
- Integrate winch : Automatic fall protection device with integrated winch for ascending or decending during a possible rescue operation.



### A 25mm anchorage

- Can accommodate large-diameter connectors.

### Integrate winch

- Automatic fall protection device with integrated winch for ascending or decending during a possible rescue operation.

### Casing

- Aluminium housing.
- Anti-UV, very resistant to shocks and ageing.

### Shock-absorption system ESD

- With traceability label.
- Fall indicator.
- Ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.
- Enables horizontal use.
- Only available in galvanised rope.

Model	Weight (kg)	Product Code
Blocfor 30R ESD G 150kg	20	75502



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Stopfor fall arrest devices






Tractel offers a complete range of Stopfor. It is primarily split in two:






- Stopfor on stranded rope Ø14mm
- Stopfor on braided rope Ø11mm

The choice between the two kinds of product depends on the use of the Stopfor.

The braided rope is much lighter than stranded increasing the comfort of use with a long rope. While the Stopfor with the stranded rope can all be used horizontally (e.g. flat roof).

Inside each category, different versions are available depending on the application.

		Stopfor for stranded rope				
		B16	B	BF	MSP	SL
Product						
150kg		✓	✓	✓	✓	✓
Anti-reversibility		-	-	-	✓	✓
Pre-installed on rope		-	-	✓	-	-
Can be installed and removed at any point on the rope		✓	✓	-	✓	✓
Safety Park function		-	-	-	✓	✓
Vertical use		✓	✓	✓	✓	✓
Horizontal use (e.g. on flat roof)		-	✓	✓	✓	✓

		Stopfor for braided rope				
		KS 150kg	KSP 150kg	K	KS	KSP
Product						
150kg		✓	✓	-	-	-
Anti-reversibility		✓	✓	-	✓	✓
Pre-installed on rope		-	-	✓	-	-
Can be installed and removed at any point on the rope		✓	✓	-	✓	✓
Safety Park function		-	✓	-	-	✓
Vertical use		✓	✓	✓	✓	✓
Horizontal use (e.g. on flat roof)		-	-	✓	✓	✓

The version with the safety park function will be preferred when working on a roof with high inclination and work positioning is required.

A pre-installed Stopfor on a rope will be preferred when it is important for the user or owner that the rope cannot be separated from the Stopfor.



High Capacity range 150 kg

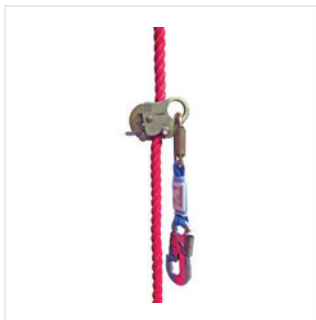


Can be used on flat roof

# Fall Arresters - Stopfor 150 kg

Fall arresters on a flexible anchor line

**NEW**



## Stopfor B16 150 kg

**EN353-2 - CNB/P/11.062**

The Stopfor B16 fall arrester has been specially designed to ensure the safety of operators who work under power on electricity transmission networks with a maximum voltage greater than 50 kV and less than or equal to 420 kV.

The Stopfor B16 fall arrester is currently the only rope-based fall arrester that meets the requirements for under power working. This certification was carried out in collaboration with the company MS, which manufactures insulating rope that complies with standard V2016/425/EU.

Tractel is the first manufacturer to be referenced with an EN 353.2 fall arrester that can be used carrying out work under electrical voltage.

- Vertical applications.
- Use on 16 mm Tractel waxed polypropylene stranded rope.
- Designed to be openable, it can be installed or removed at any point on the rope.
- Lightweight & ergonomic.
- Easy to use & to transport.
- Bichromate steel, better corrosion resistance.

Model	Length (mm)	Product Code
Stopfor B16 - Strap + M42	30	86412

**NEW**



## Stranded insulated PPE Rope 16fmm

**For Stopfor B16**

16 mm red PP waxed stranded PPE rope for use with a Stopfor B16 fall arrest system.

This rope is equipped with a double safety connector with a ¼ turn rings in zinc-plated steel M24 and an NFC chip for its identification.

Specially designed for live work.

Model	Description	Product Code
PPE rope 30 m	30 meter / M24	86422
PPE rope 50 m	50 meter / M24	86442
PPE rope 100 m	100 meter / M24	86452
PPE rope 140 m	140 meter / M24	86462
PPE rope 200 m	200 meter / M24	86472

# Fall Arresters - Stopfor

150kg / Fall arresters on a flexible anchor line

## Stopfor B

### EN353-2 - CNB/P/11.075 - CNB/P/11.062

- Vertical & horizontal applications.
- Use on 14 mm diameter stranded rope.
- Installs & removes at any point of the rope.
- Lightweight & ergonomic.
- Easy to use & to transport.
- Aluminium.

Model	Length (cm)	Product Code
Stopfor B M10	-	106189
Stopfor B - strap + M41	30	106169
Stopfor B - strap + M42	30	106179



## Stopfor BF

### EN353-2 - CNB/P/11.075 - CNB/P/11.062

- Vertical & horizontal applications.
- Use on 14 mm diameter stranded rope.
- Product delivered already on the rope.
- Easy to use.
- Aluminium

Model	Length (m)	Product Code
Stopfor BF - rope 10m - strap + M41	10	79992
Stopfor BF - rope 15m - strap + M41	15	80002
Stopfor BF - rope 20m - strap + M41	20	80012
Stopfor BF - rope 30m - strap + M41	30	80072
Stopfor BF - rope 40m - strap + M41	40	80082



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Fall Arresters - Stopfor

150kg / Fall arresters on a flexible anchor line



## Stopfor MSP

**EN353-2 - CNB/P/11.075 - CNB/P/11.062**

- Vertical & horizontal applications.
- Use on 14 mm diameter stranded rope.
- Anti-reversibility system : impossible to assemble upside down, enhanced security.
- With park function : locks manually on the rope for a hold at the station.
- Easy to use & to transport.
- Installs & removes at any point of the rope.
- Galvanised steel.

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.

Model	Product Code
Stopfor MSP	207018





## Stopfor SL


**EN353-2 - CNB/P/11.062**

- Vertical applications.
- Use on 14 mm diameter stranded rope.
- Anti-reversibility system : impossible to assemble upside down, enhanced security.
- Installs & removes at any point of the rope.
- Stainless steel.

Model	Product Code
Stopfor SL - M10	276389
Stopfor SL - strap + M10	206918
Stopfor SL - strap + M41	206958
Stopfor SL - strap + M11	206928

 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Rope RLX

For Stopfor B / BF/ MSP / SL

RLX rope anchor line  $\varnothing$  14 mm. Complies with EN 353-2 standard

- Type: stitched

## RLX14 - stop end + M10

- Equipped with an M10 connector at the top and a plug at the bottom.

Model	Description	Product Code
RLX 14 5-10-B	5 metre / stitched / M10	45372
RLX 14 10-10-B	10 metre / stitched / M10	45092
RLX 14 15-10-B	15 metre / stitched / M10	45102
RLX 14 20-10-B	20 metre / stitched / M10	45112
RLX 14 30-10-B	30 metre / stitched / M10	45132
RLX 14 40-10-B	40 metre / stitched / M10	45142
RLX 14 50-10-B	50 metre / stitched / M10	45152



## RLX14 - stop end + spliced buckle end

- Equipped with a spliced buckle at the top and a plug at the bottom.

Model	Description	Product Code
RLX14 10-A	10 metre	72692
RLX14 20-A	20 metre	81152



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Fall Arresters - Stopfor

150kg / Fall arresters on a flexible anchor line



## Stopfor KS 150kg

**EN353-2 - CNB/P/11.062**

- Vertical applications.
- Use on 10.5-12.5mm diameter braided rope.
- Lightweight & ergonomic.
- Anti-reversibility system : impossible to assemble upside down, enhanced security.
- Easy to use & to transport.
- Aluminium.

Model	Product Code
Stopfor KS 150kg - M10	276279
Stopfor KS 150kg - M11	86182





## Stopfor KSP 150kg


**EN353-2 - CNB/P/11.062**

- Vertical applications.
- Use on 10.5-12.5mm diameter braided rope.
- Lightweight & ergonomic.
- Anti-reversibility system : impossible to assemble upside down, enhanced security.
- With park function : locks manually on the rope for a hold at the station.
- Easy to use & to transport.
- Aluminium.

Model	Product Code
Stopfor KSP 150kg - M10	79062
Stopfor KSP 150 kg - M24	86172

 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Fall Arresters - Stopfor

100kg / Fall arresters on a flexible anchor line

## Stopfor K - 100kg

**EN353-2 - CNB/P/11.075**

- Vertical & horizontal applications.
- Use on 10.5 - 12.5 mm diameter braided rope.
- Lightweight & ergonomic.
- Easy to use & to transport.
- Installs & removes at any point of the rope.
- Aluminium.

Model	Product Code
Stopfor K - M10 - without lanyard	79922
Stopfor K LS30 M41	79932
Stopfor K LS30 M42	79942



## Stopfor KS - 100kg

**EN353-2 - CNB/P/11.075**

- Vertical & horizontal applications.
- Use on 10.5 - 12.5 mm diameter braided rope.
- Lightweight & ergonomic.
- Anti-reversibility system : impossible to assemble upside down, enhanced security.
- Easy to use & to transport.
- Installs & removes at any point of the rope.
- Aluminium.

Model	Product Code
Stopfor KS - M10	79952
Stopfor KS - M24	86152
Stopfor KS - strap + M41	79962
Stopfor KS - strap + M42	79972



## Stopfor KSP - 100kg

**EN353-2 - CNB/P/11.075**

- Vertical & horizontal applications.
- Use on 10.5 - 12.5 mm diameter braided rope.
- Lightweight & ergonomic.
- Anti-reversibility system : impossible to assemble upside down, enhanced security.
- With park function : locks manually on the rope for a hold at the station.
- Easy to use & to transport.
- Installs & removes at any point of the rope.
- Aluminium.

Model	Product Code
Stopfor KSP 100kg - M10	80022
Stopfor KSP 100kg - M11	86162
Stopfor KSP 100kg - strap + M41	79072
Stopfor KSP 100kg - strap + M42	79082





# Braided rope RLXD

for Stopfor KS / KSP / K

RLX D anchor line for the stopfor™ fall arresters. Complies to EN 353-2 standard. Braided rope anchor line ø 11 mm



## RLXD - stop end + M10 - for Stopfor

- Equipped with an M10 connector at the top and a plug at the bottom.

Model	Description	Product Code
RLXD 11 5-10-A	5 metre / stitched / M10	37532
RLXD 11 10-10-A	10 metre / stitched / M10	37542
RLXD 11 15-10-A	15 metre / stitched / M10	37552
RLXD 11 20-10-A	20 metre / stitched / M10	35562
RLXD 11 30-10-A	30 metre / stitched / M10	37572
RLXD 11 40-10-A	40 metre / stitched / M10	37582
RLXD 11 50-10-A	50 metre / stitched / M10	37592
RLXD 11 60-10-A	60 metre / stitched / M10	44722
RLXD 11 70-10-A	70 metre / stitched / M10	51952

## RLXD - stop end + spliced buckle end

- Equipped with a spliced buckle at the top and a plug at the bottom.

Model	Description	Product Code
RLX D11 5-A	5 metre / stitched	17412
RLX D11 10-A	10 metre / stitched	14102
RLX D11 10-A	15 metre / stitched	17422
RLX D11 20-A	20 metre / stitched	14112
RLX D11 30-A	30 metre / stitched	14122
RLX D11 40-A	40 metre / stitched	14132
RLX D11 50-A	50 metre / stitched	14142
RLX D11 60-A	60 metre / stitched	17492

## RLXD - stop end + M41 - for Stopfor

Equipped with an M41 connector at the top and a plug at the bottom.

Model	Description	Product Code
RLXD 11 5-41-A	5 metre / stitched / M41	17002
RLXD 11 10-41-A	10 metre / stitched / M41	17012
RLXD 11 15-41-A	15 metre / stitched / M41	17022
RLXD 11 20-41-A	20 metre / stitched / M41	17032
RLXD 11 30-41-A	30 metre / stitched / M41	17052
RLXD 11 40-41-A	40 metre / stitched / M41	17062
RLXD 11 50-41-A	50 metre / stitched / M41	17072

# Absorbing and standard lanyards

Tractel offers a complete range of 150 kg lanyards. The choice depends on the activity the user has to perform, one is not excluding another. It will often happen that the user might need more than one lanyard. It is primarily split in three:

## Fall arrest lanyard EN 355

## Restraint lanyard EN 354

## Work positioning lanyard EN 358

### Fall arrest lanyards

Designed to be used in a fall arrest system, they are equipped with a shock absorber to ensure that in the event of fall, the maximum force transmitted to the user is less than 600daN. They must be used in combination with a certified safety harness and an anchor point or system. A fall arrest lanyard has the advantage to be lighter than other fall arrester.

Tractel offers **3 types of material** for its fall arrest lanyard:

- Webbing
- Braided rope
- Elastic webbing

The webbing material will be preferred for short term or occasional use, as the braided rope and the elastic webbing will be preferred for frequent and long use.

Fall arrest lanyards exist in **2 configurations**:

- Single lanyard
- Twin lanyard

The twin lanyard is designed to allow the user to move between anchor points ensuring that he is always secured. The single lanyard can be used with lifeline where there is no need to disconnect to cross anchors.



### Restraint lanyards

When the lanyard is used between the harness and the anchorage point without a fall arrest system, the lanyard is intended to prevent the operator from accessing a fall hazard zone. The double lanyard version must be used in the same way, but allows movement along a fixed line while permanently connected.

*RESTRAINT LANYARDS ARE NOT TO BE USED AS FALL-ARRESTERS*

### Work positioning lanyards

Work positioning lanyards: Designed to support the user comfortably when a hands free environment is needed. It must be connected by its two ends to the two points of attachment on either side of the belt or on the two chest anchorage points on the harness.

Tractel offers **2 types of work positioning lanyard**:

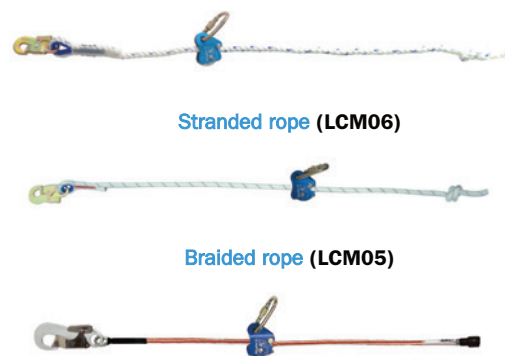
- With adjustment loop (LDR)
- With jaw tensioning device (LCM)

The first one is intended for short-term interventions and for restricted mobility. While the second one is intended for regular intervention and allows for an easy adjustment of the length of the lanyard.

The LCM03 is protected against from tools such as chainsaw or grinder.

The LCM05 with its braided offers a lighter alternative to the stranded rope of the LCM06.

The work positioning lanyard is existing in **3 different materials**:



**Stranded rope (LCM06)**

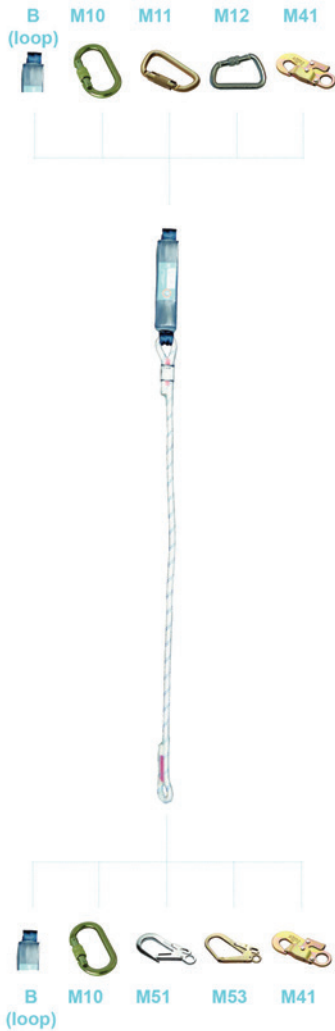
**Braided rope (LCM05)**

**Braided rope reinforced with a steel core (LCM03)**

*WORK POSITIONING LANYARDS ARE NOT TO BE USED AS FALL-ARRESTERS.*

# LDA 150kg

Absorbing lanyards



## EN355 - CNB/P/11.074 - CNB/P/11.062

Braided rope lanyard 12,5 mm, made of polyamide fibers 6.6 te,x with shock absorber.

Lanyard with energy absorber provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness.

The energy absorber safely arrests a fall from a height. Without the shock absorber, a free fall of more than 50 cm can cause serious injury.

Model	Length (m)	Product Code
LDA 1-M10-M10	1	77502
LDA 1-M10-M53	1	81962
LDA 1-11-53	1	84192
LDA 1.5-BB	1,5	77512
LDA 1.5-M10-M10	1,5	77532
LDA 1.5-M10-M51	1,5	77562
LDA 1.5-M10-M41	1,5	77552
LDA 1.5-M11-M51	1,5	82142
LDA 1.5-M10-M53	1,5	77572
LDA 1.5-M12-M51	1,5	77602
LDA 1.5-M41-M53	1,5	77652
LDA 1.5-M41-M51	1,5	77642
LDA 1,5-11-53	1,5	84202
LDA 2-BB	2	77692
LDA 2-M10-M10	2	77712
LDA 2-M10-M53	2	77752
LDA 2-M11-M51	2	77762
LDA 2-M10-M51	2	77742
LDA 2-M12-M51	2	77782
LDA 2-M41-M53	2	77832
LDA 2-M41-M51	2	77822
LDA 2-11-53	2	84212

More details regarding connectors page 214

Order products on day 1, will be shipped no later than day 2,

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

# LDAD 150kg

Absorbing lanyards

## EN355 - CNB/P/11.074 - CNB/P/11.062


Twin braided rope lanyard 12,5 mm, made of polyamide fibers 6.6 te,x with shock absorber.


Double lanyard with energy absorber provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness. It is an ideal fall protection so that the operator is never disconnected.


Model	Length (m)	Product Code
LDAD 1-M10-M51-M51	1	77862
LDAD 1-M11-M53-M53	1	84452
LDAD 1-M10-M53-M53	1	77872
LDAD 1.5 BBB	1,5	77902
LDAD 1.5-M10-M10-M10	1,5	77942
LDAD 1.5-M11-M53-M53	1,5	78022
LDAD 1.5-M10-M53-M53	1,5	77992
LDAD 1.5-M12-M51-M51	1,5	78052
LDAD 1.5-M10-M51-M51	1,5	77982
LDAD 1.5-M11-M51-M51	1,5	78012
LDAD 1.5-M41-M51-M51	1,5	78102
LDAD 2 BBB	2	78122
LDAD 2-M10-M10-M10	2	78132
LDAD 2-M10-M53-M53	2	78172
LDAD 2-M11-M53-M53	2	82162
LDAD 2-M23-M51-M51	2	81472
LDAD 2-M10-M51-M51	2	78162
LDAD 2-M11-M51-M51	2	82152

More details regarding connectors page 214



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# LSA 150kg

Absorbing lanyards



## EN355 - CNB/P/11.074 - CNB/P/11.062

Single webbing fall arrest lanyard 30mm made of polyester fibers 6.6tex, with an energy absorber.


Webbing lanyard with energy absorber provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness.


The energy absorber safely arrests a fall from a height. Without the shock absorber, a free fall of more than 50 cm can cause serious injury.




Model	Length (m)	Product Code
LSA 1.5-CC	1,5	75172
LSA 1.5-10-10	1,5	75182
LSA 1.5-10-11	1,5	75192
LSA 1.5-10-51	1,5	75212
LSA 1.5-10-53	1,5	75232
LSA 2-CC	2	75312
LSA 2-10-10	2	75322
LSA 2-10-41	2	75342
LSA 2-10-51	2	75352
LSA 2-10-53	2	75362

More details regarding connectors page 214

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# LSAD 150kg

Absorbing lanyards

## EN355 - CNB/P/11.074 - CNB/P/11.062


Twin webbing fall arrest lanyard 30mm made of polyester fibers 6.6tex, with an energy absorber.


Double lanyard with energy absorber provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness. It is an ideal fall protection so that the operator is never disconnected.


Model	Length (m)	Product Code
LSAD 1.5-10-10-10	1,5	74992
LSAD 1.5-10-51-51	1,5	75022
LSAD 1.5-10-53-53	1,5	75032
LSAD 2-10-10-10	2	75102
LSAD 2-10-51-51	2	75132
LSAD 2-10-53-53	2	75142

More details regarding connectors page 214



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# LSEA 150kg

Absorbing lanyards



## EN355 - CNB/P/11.074 - CNB/P/11.062

**Strap Elastic lanyard 35 mm with energy absorber.**

The elastic lanyards LSEA are lanyards formed by a strap made of rigid polyester fiber woven on an elastic fiber core.


This elastic fiber has elongation properties which allow the lanyard to stretch by one-third of its contracted length.


The outer strap made of polyester fibers woven on the elastic fiber core gives the elastic lanyards excellent resistance to abrasion and cutting when it comes into contact with a sharp edge, including in the event of a fall.


With respect to standard lanyards, the elastic lanyards LSEA provide the advantage of being more compact and therefore more comfortable in use. With respect to the elastic lanyards currently on the market, formed by a tubular strap with an elastic material inside the lanyard, the Tractel elastic lanyards LSEA provide a much higher degree of resistance to ageing (the strap keeps its elasticity much longer) and has a much more attractive design.

Model	Length (m)	Product Code
LSEA 1.5-10-10	1,5	79202
LSEA 1.5-10-53	1,5	79262
LSEA 1.5-10-51	1,5	79242
LSEA 1.5-41-53	1,5	79302
LSEA 1.5-41-51	1,5	79282
LSEA 1.8-10-10	1,8	79212
LSEA 1.8-10-53	1,8	79272
LSEA 1.8-10-51	1,8	79252
LSEA 1.8-41-51	1,8	79292

More details regarding connectors page 214

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

### EN358 - CNB/P/11.062

Adjustable lanyard LDR  $\varnothing$  11mm provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness.

#### This lanyard is a work positioning lanyard.

The LDR lanyard is formed by a stranded rope  $\varnothing$ 11mm made of rigid polyamide fibers, against the abrasion and the cut.

*This lanyard is not a fall arrest.*

Model	Length (m)	Product Code
LDR 11 1,5-B	1,5	78222
LDR 11 / 1,5 / 10-10	1,5	78232
LDR 11 / 1,5 / 10-11	1,5	78242
LDR 11 / 1,5 / 41-10	1,5	78272
LDR 11 / 1,5 / 41-10	1,5	78262
LDR 11 / 1,5 / 10-51	1,5	78252
LDR 11 / 2 / B	2	78332
LDR 11 / 2 / 10-10	2	78362
LDR 11 / 2 / 10-11	2	78372
LDR 11 / 2 / 10-41	2	78402
LDR 11 / 2 / 10-53	2	78432
LDR 11 / 2 / 10-51	2	78422

More details regarding connectors page 214



Order products on day 1, will be shipped no later than day 2.

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.



# LCM03

Work positioning lanyards



## EN358 - CNB/P/11.062

The work positioning lanyard LCM03 is a manually adjusted tensioner-reducer. This device works on a low-stretch rope with soul in steel diameter of 12.5 mm.

The LCM03 is compact and ergonomic and perfectly suited for work positioning.

The lanyard LCM03 is equipped with a compact, ergonomic tensioner-reducer. The device is made of high-strength aluminium. The tensioner-reducer LCM03 slide along the rope . In the event of a fall or loss of balance, the tensioner automatically locks.

The lanyard is formed by a braided rope reinforced with steel wire core, external diameter of 12.5 mm and length of 2m, 3m or 4m, equipped with a connector M10 on the tensioner and a connector M40 on the end of the rope

*This lanyard is not a fall arrest.*

Model	Length (m)	Product Code
LCM 03 - M42 M10T - 2 m	2	85292
LCM 03 - M42 M10T - 3 m	3	85302
LCM 03 - M42 M10T - 4 m	4	85312
Sleeve	-	18192

More details regarding connectors page 214



Order products on day 1, will be shipped no later than day 2



Order products on day 1, will be shipped no later than day 3. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# LCM05 / LCM06

Work positioning lanyards

## Adjustable Lanyard - LCM05

**EN358 - CNB/P/11.062**

The work positioning lanyard LCM05 is a manually adjusted tensioner-reducer. This device works on a low-stretch braided rope in polyamide diameter of 12.5 mm.

The LCM05 is compact and ergonomic and perfectly suited for work positioning.

The LCM05 is equipped with a compact, ergonomic tensioner-reducer. The device is made of high-strength aluminium. The tensioner-reducer LCM05 slide along the rope. In the event of a fall or loss of balance, the tensioner automatically locks.

The unit is supplied with braided rope diameter of 12.5 mm and length of 2m, 3m or 4m, equipped with a connector M10 on the tensioner and a connector M40 on the end of the rope

*This lanyard is not a fall arrest.*

Model	Length (m)	Product Code
LCM 05	2	79122
LCM 05	3	79132
LCM 05	4	79142
Sleeve	-	18192

More details regarding connectors page 214



## Adjustable Lanyard - LCM06

**EN358 - CNB/P/11.062**

The work positioning lanyard LCM06 is a manually adjusted tensioner-reducer. This device works on a low-stretch stranded rope in polyamide diameter of 14 mm.

The LCM06 is compact and ergonomic and perfectly suited for work positioning.

The LCM06 is equipped with a compact, ergonomic tensioner-reducer. The device is made of high-strength aluminium. The tensioner-reducer LCM06 slide along the rope. In the event of a fall or loss of balance, the tensioner automatically locks.

The unit is supplied with stranded rope diameter of 14 mm and length of 2m, 3m or 4m, equipped with a connector M10 on the tensioner and a connector M40 on the end of the rope

*This lanyard is not a fall arrest.*

Model	Length (m)	Product Code
LCM 06	2	79152
LCM 06	3	79162
LCM 06	4	79172
Sleeve	-	18192

More details regarding connectors page 214



# LD 11 - Braided Rope Lanyard

Restraint lanyards



Versions with M11 connectors : no risk for the operator to forgot to screw in his connector, increased safety.

## EN354 - CNB/P/11.062

**Braided Rope Lanyard  $\varnothing$  11mm made of polyamide of 6.6 tex with extremity uckled and stitched.**

Lanyard LD provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness.

Model	Length (m)	Product Code
LD 1-BB	1	33692
LD 1-10-10	1	37762
LD 1-10-51	1	40202
LD 1-10-53	1	40422
LD 1-11-53	1	83952
LD 1.5-10-B	1,5	76722
LD 1.5-BB	1,5	37752
LD 1.5-10-10	1,5	37772
LD 1.5-10-51	1,5	40212
LD 1.5-10-53	1,5	40432
LD 1.5-11-53	1,5	83962
LD 2-BB	2	33702
LD 2-10-10	2	37782
LD 2-10-51	2	40222
LD 2-10-53	2	40442
LD 2-11-53	2	83972

More details regarding connectors page 214

Order products on day 1, will be shipped no later than day 2,

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

# LDF 11 - Braided Rope Lanyard

Restraint lanyards

## EN354 - CNB/P/11.062

Double braided Rope Lanyard  $\varnothing$  11mm made of polyamide of 6.6 tex with extremity uckled and stitched.


Double lanyard LDF provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness.


Model	Length (m)	Product Code
LDF 0.5/1-BCC	0,5	37962
LDF 1 - BBB	1	37842
LDF 1-10-10-10	1	40232
LDF 1-10-53-53	1	40392
LDF 1-11-53-53	1	84222
LDF 1-10-51-51	1	37932
LDF 1.5-BBB	1,5	37852
LDF 1.5-10-10-10	1,5	40242
LDF 1.5-11-53-53	1,5	84232
LDF 1.5-10-53-53	1,5	40402
LDF 1.5-10-51-51	1,5	37942
LDF 2-BBB	2	37862
LDF 2-10-10-10	2	40252
LDF 2-10-53-53	2	40412
LDF 2-11-53-53	2	84242
LDF 2-10-51-51	2	37952


More details regarding connectors page 214



Versions with M11 connectors : no risk for the operator to forgot to screw in his connector, increased safety.

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# LS - Webbing lanyard

Restraint lanyards




## EN354 - CNB/P/11.062


Single webbing lanyard, 30 mm-wide strap made of polyester, without shock absorber.


The LS lanyard provides a connecting element between a fixed or mobile anchor points and the attachment point on the harness.

Model	Length (m)	Product Code
LS 1-BB - loops	1	10932
LS 1-M10-M10	1	12692
LS 1.5-BB - loops	1,5	10952
LS 1.5-M10-M10	1,5	12712
LS 1.5-M10-M51	1,5	35082
LS 2-BB - loops	2	10972
LS 2-M10-M10	2	12012

More details regarding connectors page 214

 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# LSE - Elastic Webbing Lanyards

Restraint lanyards

## EN354 - CNB/P/11.062

**Strap elastic webbing lanyard 30 mm, without shock absorber.**

The elastic lanyards LSE are lanyards formed by a strap made of rigid polyester fiber woven on an elastic fiber core.

This elastic fiber has elongation properties which allow the lanyard to stretch by one-third of its contracted length.

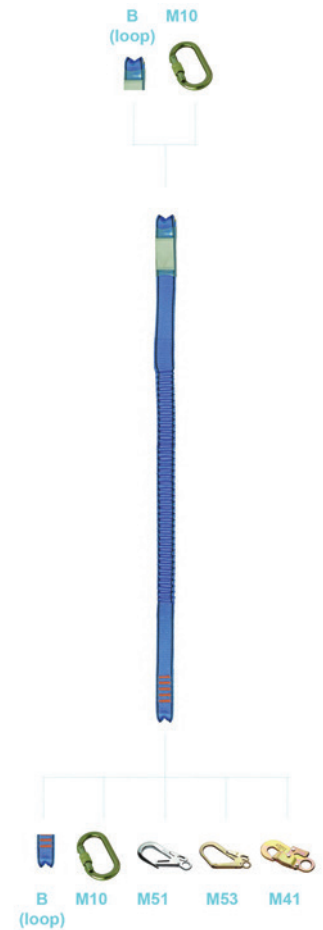
The outer strap made of polyester fibers woven on the elastic fiber core gives the elastic lanyards LSE excellent resistance to abrasion and cutting when it comes into contact with a sharp edge.

With respect to standard lanyards, the elastic lanyards LSE provide the advantage of being more compact and therefore more comfortable in use.

With respect to the elastic lanyards currently on the market, formed by a tubular strap with an elastic material inside the lanyard, the Tractel® elastic lanyards LSE provide a much higher degree of resistance to ageing (the strap keeps its elasticity much longer) and has a much more attractive design.

Model	Length (m)	Product Code
LSE 1.5-b-b	1,5	54092
LSE 1.5-10-10	1,5	54132
LSE 1.5-10-41	1,5	54172
LSE 1.5-10-51	1,5	54212
LSE 1.5-10-53	1,5	54252
LSE 1.75-10-10	1,75	54142
LSE 1.75-10-53	1,75	54262
LSE 2-b-b	2	54112
LSE 2-10-10	2	54152
LSE 2-10-51	2	54232

More details regarding connectors page 214



● Order products on day 1, will be shipped no later than day 2,

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

# Safety connectors

## Steel Connectors

### EN362



Model	Description	Anchorage Hook Gate Opening	Weight (kg)	Product Code
M10	Manual screw locking	ø 15 mm	0.180	31652
M10T	Manual screw locking	ø 18 mm	0,163	76312
M11	semi-automatic locking - 17 mm opening	ø 17 mm	0.250	31662
M23T	Automatic locking triple safety	ø 17 mm	0.195	59002
M24T	Automatic locking double safety	ø 19 mm	0,193	78742
M41	Double trigger automatic locking	ø 18 mm	0.267	31722
M47	Double trigger automatic locking	ø 17 mm	0.250	33032
M53	Double trigger automatic locking	ø 53 mm	0.510	31772
M60	Semi-automatic locking	ø 47 mm	0.404	32482
M61	Manual screw lock	ø 47 mm	0,404	33082
MR9	Manual screw locking	ø 11 mm	0,144	39822

## Stainless Steel Connectors

### EN362



Model	Description	Anchorage Hook Gate Opening	Weight (kg)	Product Code
M31	Automatic locking by spring cover	ø 75 mm	0.310	10432
M32	Automatic locking by spring cover	ø 100 mm	0.360	10442
M33	Automatic locking by spring cover	ø 140 mm	0.400	10452
M10 I	Manual screw locking	ø 17 mm	0,174	44202



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.


# Safety connectors


## Aluminium Connectors


### EN362



Model	Description	Anchorage Hook Gate Opening	Weight (kg)	Product Code
M12	Manual screw locking	Ø 23 mm	0.100	31672
M15	Semi-automatic locking	Ø 23 mm	0.090	31692
M22	Triple safety lock	Ø 23 mm	0.105	56222
M42	Double trigger automatic locking	Ø 18 mm	0.160	31732
M51	Double trigger automatic locking	Ø 60 mm	0.480	31752
M52	Sliding lock	Ø 59 mm	0.254	31762
M54	Double trigger automatic locking	Ø 110 mm	0.910	32462

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



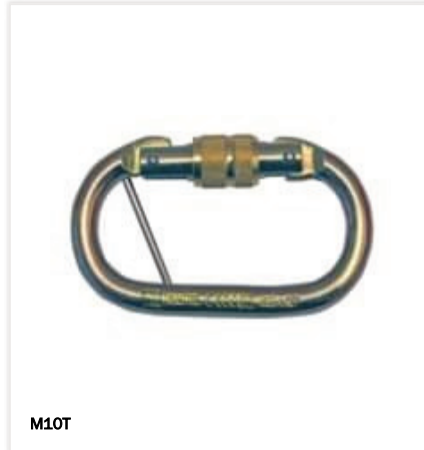
# Steel Connectors

EN 362



M10

- Permanent connection
- High capacity range 150kg
- Manual screw locking
- Carbon steel yellow zinc
- Opening  $\varnothing$  15 mm



M10T

- Permanent connections.
- High capacity range 150kg
- Manual screw locking
- Carbon steel yellow zinc
- Opening  $\varnothing$  18 mm

Model with captive pin. The pin is supplied separately and needs to be fitted by the user. Once fitted, the components cannot be disassembled.



M11

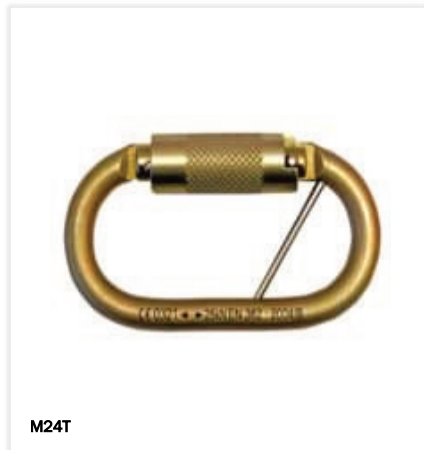
- Frequent connection
- High capacity range 150kg
- Twist lock
- Carbon steel yellow zinc
- Opening  $\varnothing$  17 mm



M23T

- Frequent connection
- High capacity range 150kg
- Triple safety lock
- Carbon steel yellow zinc
- Opening  $\varnothing$  17 mm

Model with captive pin. The pin is supplied separately and needs to be fitted by the user. Once fitted, the components cannot be disassembled.



M24T

- Frequent connections.
- High capacity range 150kg
- Double safety lock
- Carbon steel yellow zinc
- Opening  $\varnothing$  19 mm

Model with captive pin. The pin is supplied separately and needs to be fitted by the user. Once fitted, the components cannot be disassembled.

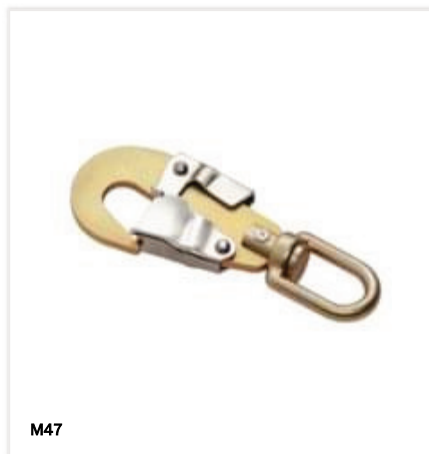


M41

- Frequent connection
- High capacity range 150kg
- Double safety lock
- Carbon steel yellow zinc
- Opening  $\varnothing$  18 mm

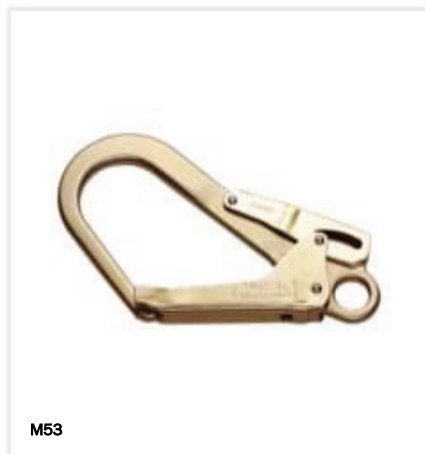
# Steel Connectors / Stainless Steel Connectors

EN 362



M47

- Frequent connection
- High capacity range 150kg
- Double lock
- Twist
- Carbon steel yellow zinc
- **Without fall indicator**
- Opening  $\varnothing$  17 mm



M53

- Frequent connection on structures
- High capacity range 150kg
- Double safety lock
- Carbon steel yellow zinc
- Opening  $\varnothing$  53 mm



M60

- Frequent connection
- High capacity range 150kg
- Twist lock
- Carbon steel yellow zinc
- Opening  $\varnothing$  47 mm



M61

- Permanent connection
- High capacity range 150kg
- Manual screw locking
- Carbon steel yellow zinc
- Opening  $\varnothing$  47 mm

Model with captive pin. The pin is supplied separately and needs to be fitted by the user. Once fitted, the components cannot be disassembled.



MR9

- Permanent connection
- High capacity range 150kg
- Manual screw locking
- Stainless steel 316l
- Opening  $\varnothing$  11 mm

# Stainless Steel Connectors

EN 362



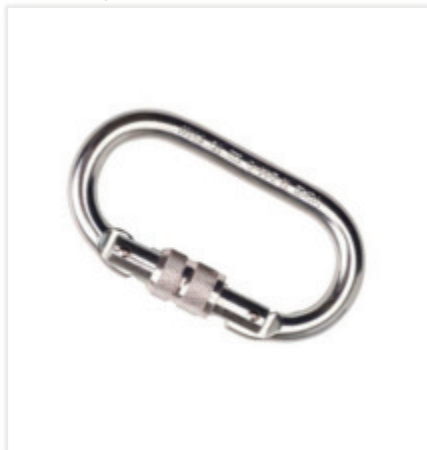
- Frequent connection on tubular framework
- High capacity range 150kg
- Double safety lock
- Stainless steel
- Opening 75 mm



- Frequent connection on tubular framework
- High capacity range 150kg
- Double safety lock
- Stainless steel
- Opening 100 mm



- Frequent connection on tubular framework
- High capacity range 150kg
- Double safety lock
- Stainless steel
- Opening 140 mm



- Permanent connection
- High capacity range 150kg
- Manual screw locking
- Body : Stainless steel
- Opening 17 mm

# Aluminium Connectors

EN 362



M12

- Permanent connection
- Manual screw locking
- Aluminium
- Opening  $\varnothing$  23 mm



M15

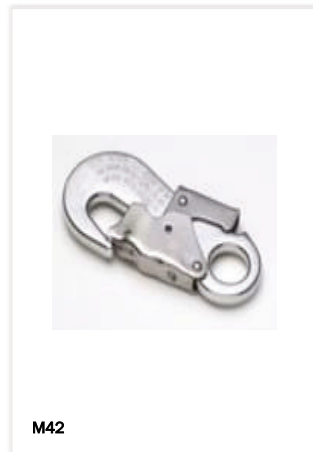
- Frequent connection
- Triple safety lock
- Aluminium
- Opening  $\varnothing$  23 mm



M22

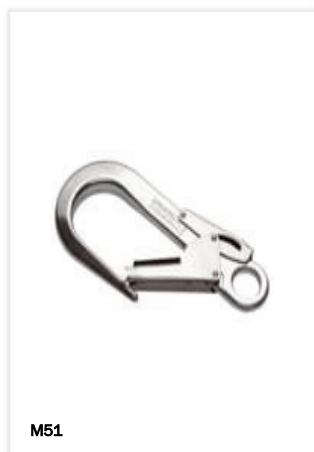
- Frequent connection
- Triple safety lock
- Aluminium
- Opening  $\varnothing$  23 mm

Model with captive pin. The pin is supplied separately and needs to be fitted by the user. Once fitted, the components cannot be disassembled.



M42

- Frequent connection
- Double safety lock
- Aluminium
- Opening  $\varnothing$  18 mm



M51

- Frequent connection on structures
- Double safety lock
- Aluminium
- Opening  $\varnothing$  60 mm



M52

- Frequent connection
- Sliding lock
- Aluminium
- Opening  $\varnothing$  59 mm



M54

- Frequent connection on structures
- Double safety lock
- Aluminium
- Opening  $\varnothing$  110 mm

# Anchor points

Applicable standards : EN 795: An anchor point is a point to which the fall-arrest system can be attached reliably so as to guarantee the safety of the operator.

Before selecting an anchor point, it is essential to determine where it will be installed. The strength of the structure supporting the anchor point must be considered.

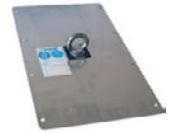
## EN 795 Type A

Anchor devices which require one or more structural anchors to be secured.

- PAS
- PA anchor
- ringsafe
- PO



- ringflex
- Roof anchor
- Anchor posts



## EN 795 Type B

Temporary and transportable anchor devices.

- AS19S
- AS19S GA
- AS30S
- corso



- rollbeam
- rollclamp
- ballsafe
- Door anchor



## EN 795 Type C

Anchor devices using a flexible horizontal anchor line.

- tempo 2
- tempo 3
- tirsafe™



- travsafe™
- travflex™ 2
- travsmart
- travspring™
- travspring™ One



## EN 795 Type D

Anchor devices using a rigide horizontal anchor line.

- travrail



## EN 795 Type E

Deadweight anchor devices.

- mobifor



# Anchor points

Type A anchor: fixed anchors

## Anchor - PA

EN795-A - CEN/TS16415 for use by two people



Tested to stop the fall of 2 users, 150kg

Tested to stop the fall of two operators weighing 150kg each (including the weight of their equipment)

- Aluminium anchor point
- Secured with M12 screw at 100mm intervals
- Includes traceability label

Model	Product Code
PA Aluminium	64488
PA Black	64448
PA Grey	64458
PA Red	64438
PA Yellow	64468

## Anchor - PO

EN795-A - CEN/TS16415 for use by two people



Tested to stop the fall of 2 users, 150kg

Tested to stop the fall of two operators weighing 150kg each (including the weight of their equipment)

- Stainless steel.
- Includes traceability label.

Model	Product Code
PO Anchor	196428

## Anchor - Ringsafe

EN795-A



Tested to stop the fall of 1 user, 150kg

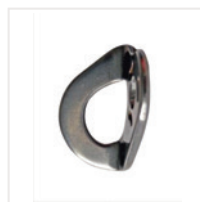
Tested to stop the fall of one operator weighing 150kg (including the weight of his equipment)

- Includes fall indicator.
- Stainless steel.

Model	Product Code
Ringsafe Anchor	76299

## Anchor - PAS

EN795-A



Tested to stop the fall of 1 user, 150kg

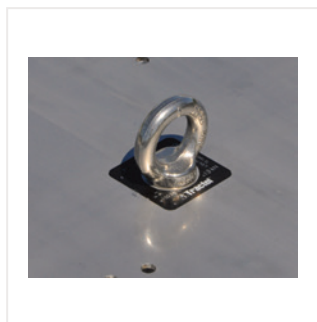
Tested to stop the fall of one operator weighing 150kg (including the weight of his equipment)

- Stainless steel.

Model	Product Code
PAS Anchor	196418

# Anchor points

Type A anchor: fixed anchors



Tested to stop the fall of 2 users,  
150kg

NB : The ringflex is sold without  
an anchor plate.

\*For using universal plate, you  
have to order 4 clamps or 12  
rivets.

## Anchor - Ringflex


### EN795-A - CEN/TS16415 for use by two people


The Ringflex anchor point is designed for installation on flexible roofs of corrugated tray (steel or aluminium), dry tray or rolled tray (top seal) types.


The Ringflex is installed by means of different anchor plates, specific to each type of roof.

Model	Product Code
Ringflex anchor ring single item	193858
Universal plate for extremity and intermediate bracket in galvanised steel (thickness 3mm)	207788
Universal plate for extremity and intermediate bracket in stainless steel (thickness 3mm)	206888
Kit 4 clamps + 1 bolt M16	232577
Kit 12 rivets + rubber sealing bands + 1 bolt M16	232587



 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Anchor points

Type A anchor: fixed anchors

## Anchor - Roof Permanent Anchor

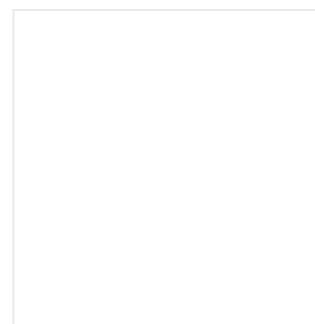
### EN795-A

Tractel roof anchor points are designed to support a ladder and attached fall prevention devices.

They are secured directly into wooden roof trusses using annealed crampons or spikes.

- Materials: Galvanised or stainless steel.

Model	Product Code
galvanized, flat	66618
galvanized, curved	66628
galvanized, twisted	66638
stainless steel, flat	66648
stainless steel, curved	66658
stainless steel, twisted	66668
spike 50 mm	66928
spike 90 mm	66938
spike 130 mm	66948
galvanized, annealed tips	66958



Tested to stop the fall of  
1 user, 100 kg



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

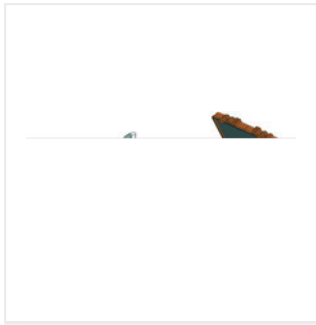


Available on request. Please enquire about delivery times of these items.



# dynaline - dynaplug

Measuring Devices for Fixed Anchors



## Dynaline HF 45

### Adapted for lifeline

Specific model, based on HF37 technology, adapted to measure precisely tension in lifelines.

- Quick direct mounting on the wire or rope thanks to modified fixing hooks
- Capacity range from 50 to 600 kg
- Specific lifeline wire rope database
- 3% accuracy of measuring range, if wire rope and diameter included in the database
- Compatible with diameters from 8 to 12 mm
- LCD display directly on the sensor
- Possibility to add a wire or rope in the database

Model	W.L.L	Rope Diameter	Product Code
Kit Dynaline HF45/1/LPT	50 - 600	8 - 12	187998



## Dynaplug HF 44

### Electronic anchor tester

The Dynaplug anchor tester is an electronic load cell designed to measure anchor strength in construction material. Its shape as a tripod has been especially designed to minimize its influence on the concrete around the fixing.

- Stand-alone anchor tester
- Capacity range from 1 500 to 5000 daN
- 0.5% accuracy of measuring range
- Height of legs adjustable between 70 and 190 mm
- Multiple accessories provided with the tester
- LCD display integrated on the device
- Data saving and possibility to monitor the tension on a PC in option

Model	W.L.L	Product Code
Kit Dynaplug HF44/1/LPT	1500	190028
Kit Dynaplug HF44/2/LPT	2500	190038
Kit Dynaplug HF44/3/LPT	5000	190048



## Anchor Tester TA

Anchor testers TA are test specimens endowed with a breaking section calibrated to break under a determined traction force. The anchor tester must be installed between the anchor point to be tested and the loading

device by means of shackles or any other adequate mechanical connection.

- Quick and reliable test
- Unique usage
- Capacity range from 600 to 4000 daN
- Breaking tolerance  $\pm 10\%$


Model	Breaking load (daN)	Product Code
TA 600 - 20 plates	600	193269
TA 1000 - 20 plates	1 000	261769
TA 1200 - 20 plates	1 200	261779
TA 1500 - 20 plates	1 500	193279
TA 2000 - 20 plates	2 000	193289
TA 4000 - 10 plates	4 000	193299

# Posts

## Galvanised anchor posts

### EN795-A

- Anchor posts fitted with a stainless steel anchor ring.
- 70x70 mm cross-section, made of galvanised steel.

-  Tested to stop the fall of 1 user, 100 kg



Square base



Square base plate 20° inclined



Rectangular base



Base plate for roof ridges

### Height: 250mm


Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	72178
Anchor post with a square base plate 270 x 270 mm, 20° inclined.	72318
Anchor post with a rectangular base plate 352 x 160 mm.	72038
Anchor post with a base plate for roof ridges 350 x 370 mm.	72048


### Height: 500mm


Model	Product Code
Anchor post with a square base plate 270 x 270 mm, 20° inclined	72328
Anchor post with a rectangular base plate 352 x 160 mm.	72058
Anchor post with a base plate for roof ridges 350 x 370 mm.	72068

### Height: 750mm

Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	72338
Anchor post with a rectangular base plate 352 x 160 mm.	72348

 Order products on day 1, will be shipped no later than day 2,

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 Available on request. Please enquire about delivery times of these items.

# Posts

## Insulated anchor posts

### EN795-A

Insulated anchor posts with a stainless steel anchor ring. 70x70 mm cross-section, made of galvanised steel, with thermal protection. They are designed to eliminate the risk of condensation in winter when the outside temperature drops below 0° C. They also help to keep your roof insulation to its optimal efficiency, reduce heat energy waste and protect the post thanks the external cover in stainless steel.



Tested to stop the fall of 1 user, 100 kg



Square base



Square base plate 20° inclined



Rectangular base



Base plate for roof ridges

### Height: 250mm

Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	186548
Anchor post with a square base plate 270 x 270 mm, 20° inclined.	186558
Anchor post with a rectangular base plate 352 x 160 mm.	186568
Anchor post with a base plate for roof ridges 350 x 370 mm.	186578

### Height: 500mm

Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	186588
Anchor post with a square base plate 270 x 270 mm, 20° inclined.	186598
Anchor post with a rectangular base plate 352 x 160 mm.	186608
Anchor post with a base plate for roof ridges 350 x 370 mm.	186618

### Height: 750mm

Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	186628
Anchor post with a rectangular base plate 352 x 160 mm.	186638

### Accessories


Model	Product Code
Sealing collar for post section 70 x 70 mm	129505
Back plate in galvanized steel ep. 10 mm for post 70 x 70mm height 250 and 500 mm square plate 270 x 270 mm	130995
Back plate in galvanized steel ep. 10 mm for post 70 x 70 mm height 750 mm square plate 270 x 270 mm	133295

# Posts

## Stainless steel anchor posts

### EN795-A

- Anchor posts with a stainless steel anchor ring, 80x80 mm cross-section
- Made of stainless steel.

-  Tested to stop the fall of 1 user, 100 kg



Square base



Rectangular base




Base plate for roof ridges


### Height: 250mm


Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	186748
Anchor post with a rectangular base plate 352 x 160 mm.	186758
Anchor post with a base plate for roof ridges 350 x 370 mm.	186768

### Height: 500mm

Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	186778
Anchor post with a rectangular base plate 352 x 160 mm.	186788
Anchor post with a base plate for roof ridges 350 x 370 mm.	186798

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# Anchor points

Type B anchor: mobile anchors



Tested to stop the fall of  
1 user, 150 kg

## Anchor AS19S

### EN795-B

- To create an anchor point on a frame.
- Width 19 mm.

Model	Product Code
AS19S - 0.6 m	38382
AS19S - 0.8 m	38392
AS19S - 1.0 m	38402
AS19S - 1.2 m	80842
AS19S - 1.5 m	80852
AS19S - 2 m	72152



Tested to stop the fall of  
1 user, 150 kg

## Anchor Point AS19S GA

### EN795-B

Ring (supplied without connector) for anchoring on a structure on which a fall-arrest system has been installed.

The AS19S GA is delivered with a protective sleeve against sharp or abrasive edges made of kevlar. The kevlar sheath provides optimum protection against cuts and abrasion.

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.

Model	Product Code
AS19S GA - 0.6 m	81412
AS19S GA - 0.8 m	81422
AS19S GA - 1 m	81432
AS19S GA - 1.2 m	81442
AS19S GA - 1.5 m	81452
AS19S GA - 2 m	81462

# Anchor points

Type B anchor: mobile anchors

## Anchor AS30S

### EN795-B

- To create an anchor point on a frame.
- Width 30 mm.

Model	Product Code
AS30S 0.6m	57272
AS30S 0.8m	57282
AS30S 1m	57292
AS30S 1.2m	59372
AS30S 1.5m	59382
AS30S 2m	59392
Sleeve	18192



Tested to stop the fall of  
1 user, 150 kg

## Anchor - corso

### EN795-B


corso clamp beam clamp with adjustable threaded bar.


- Compact and strong construction.
- Fast and simple adjustment to section.


Model	Weight (kg)	Product Code
corso LT-1B Beam Clamp	4.380	97929



Tested to stop the fall of  
1 user, 150 kg

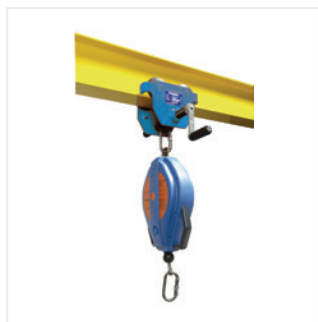
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 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Anchor points

Type B anchor: mobile anchors



Tested to stop the fall of  
1 user, 150 kg

## Rollbeam

### EN795-B

- Push trolley.
- Travels on lower iron footplate.

Model	Description	Weight (kg)	Product Code
rollbeam SB	Standard - adjustable from 58 - 220 mm	11,7	54369
rollbeam LB	Extra wide - adjustable from 220 - 300 mm	12,7	88559



Tested to stop the fall of  
1 user, 150 kg

## Rollclamp

### EN795-B

Enables the creation of a mobile anchor point on an R.S.J. and the ability to work safely while retaining a wide range of movement. Thanks to its 4 bearing rollers, the rollclamp follows movement around the framework with minimal user intervention.

- Medium adjustable: 90- 400 max.
- Large adjustable: 200 - 615 max.
- Can be installed on the upper or lower soleplate.
- rollclamp Weight: M 1.48 kg and L 2.04 kg.

Model	Weight (including packaging) (kg)	Product Code
medium	1.500	86009
large	2.080	86019



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Anchor points

Type B anchor: mobile anchors

## Anchor - Ballsafe

### EN795-B - CEN/TS16415 for use by two people

The ballsafe anchor point is made up of a four block plug and a female socket. It is sealed into concrete or a material of equal density using a chemical compound.

Model	Product Code
ballSafe eye	89776
ballSafe female socket	89786



Tested to stop the fall of 2 users,  
100 kg

## Door anchor bar 150kg

### Temporary anchor point

The Tractel® door bar anchor is a mobile anchor point that complies with the EN 795B standard.

This bar has been specially designed to create a reliable and quick to install anchor point. It is positioned in the opening of a sufficiently strong window or door.

This product is designed for people accessing area with a risk of fall from height in the vicinity of a door or window such as in construction sector or during the inspection of the building façade.

The door anchor bar is adjustable from 640 to 1100 mm.

It can be used simultaneously by 2 operators of 150 kg each.

It is made of galvanised steel and measures 1410 x 110 x 170mm and weighs 9 kg.

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.



Tested to stop the fall of 2 users,  
150kg.

Model	Weight (kg)	Product Code
Door anchor bar 150kg <span>N</span>	9	294649



## Door anchor bag

Model	Product Code
Transport bag	68752





# Anchor points

Type B anchor: mobile anchors



## EN795-B

6 meters long pole. Enables the setting up of a lifeline from the ground.

- polyester pole
- With adapter for karabiner AM53 or AM54
- Pole weight : 2.685 kg
- Karabiner weight : 0.765 kg

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.



AM53



AM54

Model	Product Code
Pole- 6 meter long	106697
AM53 connector	106117
AM54 Connector	113427
Pole + AM53 Connector	59452
Pole + AM54 Connector	59462



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Mobifor

Deadweight Anchor Point for installation on flat roof and fall risk areas

## EN795-E

The Mobifor is a revolutionary, deadweight anchoring system, for installation on flat roofs and fall risk areas. The set consists of 24, steel-reinforced, concrete blocks, positioned on four steel arms. The arms are connected at the centre by a joining plate equipped with a rotary anchor point with an energy dissipater.

### SPECIFICATION

- 4 arms made of galvanised steel.
- 24 concrete weights.
- Rotary anchor point.
- Conforms to standard EN 795-E.

### NO TOOLS REQUIRED

- The connecting plate is set up with no need to drill holes in the roof.
- The arms click easily into the plate.
- Weights automatically interlock.

### EASY TO SET UP

- Takes less than 5 minutes to set up.
- The system uses ergonomic weights with large handles.
- Overall weight is distributed across 24 separate weights making it easy to lift and carry.
- The weights are easy to install on the arms.

### ENHANCED FALL PROTECTION

- 360 degree movement possible thanks to the rotary anchor point.
- Compatible with a variety of fall arrest devices.

### EXTREMELY VERSATILE

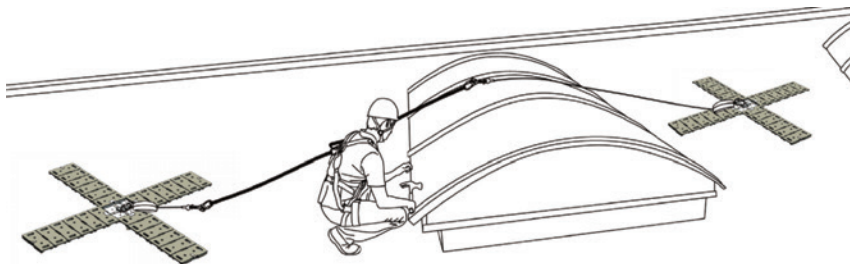
- Adapts to all horizontal roofs meeting European requirements.
- Its weight and volume allows for installation in places where traditional anchoring systems cannot be installed.
- Can be placed on a slope with an inclination of up to 5 degrees.
- Can be installed without penetrating the roof surface.
- Can be installed on the following roof surfaces: EPDM, bitumen, PVC.

Model	Weight (kg)	Product Code
Mobifor mobile anchor point	650	279409



Tested to stop the fall of 1 user, 100kg.

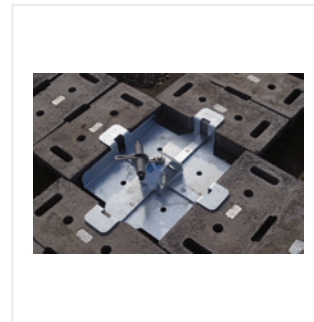
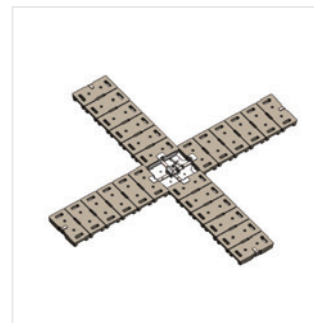
Example of application:



The installation and maintenance work of skylights on flat or slightly inclined shed roofs involves situations of risk of exposure of the operator with a pendulum effect and high stopping distances, even within the perimeter of the eaves line. Below we illustrate, through the combined use of two Blocfor heatsinks connected to two Mobifor anchor points, a procedure that allows you to reduce the distances of intervention.



Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



Tested to stop the fall of 1 user, 100kg.

# Lifelines



# Temporary Lifelines

Type B anchor: mobile anchors

## Tempo 2 - Temporary Lifeline

### EN795 - CEN/TS16415

Tempo 2 is a temporary lifeline, easy and quick to install when there are two anchoring points offering sufficient resistance (28 kN). Lightweight, it allows total freedom of horizontal movement. The Tempo 2 lifeline can be installed on the ridge tiling of a roof or onto a metal structure.

- Synthetic fibre webbing straps, adjustable from 5 to 20 m.
- Can be used by 2 people.
- 7 metres clearance.
- Supplied with 2 AS30S webbing strap rings, 2 MR9 connectors and a shoulder bag.

Model	Product Code
Tempo 2 kit	206018



## Tempo 3 - Braided Rope - Temporary Lifeline

### EN795 - CEN/TS16415

Tempo 3 is a compact, temporary lifeline, and is the fastest, most efficient lifeline available on the market.

Using a static rope line, N.G.R reinforced, and a tensioning system, the tempo 3 allows for simultaneous use by 3 users. This lifeline offers the possibility of setting up a temporary lifeline with a maximum length of 18 metres between two anchor points of sufficient strength (15 kN).

- Static rope line, N.G.R reinforced, adjustable from 5 to 18 m.
- Supplied with two AS30S webbing strap rings, 2 M10 connectors and a shoulder bag.

Model	Product Code
Tempo 3 kit	207068



## Tirsafe Wire Rope Temporary Lifeline

### EN795 - CEN/TS16415

Tirsafe T3 is a temporary lifeline that is easy and quick to install when there are two anchoring points offering sufficient support (30 kN). It allows for total freedom of horizontal movement. Adjustable from 5 to 30 m.

The Tirsafe T3 temporary lifeline includes:

- 1 anchoring point with Tirsafe T3 energy shock-absorber.
- 1 tirfor T3 cable winch.
- 2 x 2 metre slings.
- The Tirsafe T3 temporary lifeline guarantees the safety of 3 people.

Model	Description	Product Code
Tirsafe kit	with a 20m, 8.3 mm diameter cable	280559
Tirsafe kit	with a 30m, 8.3 mm diameter cable	276149



# Permanent lifelines

EN 795-C:2012, CEN/TS 16415:2013

Permanent lifelines are part of fall arrest systems when they are used as the anchor solutions. As an anchor solution, their certification is related to the norm EN 795 of 2012 for single user and CEN/TS 16415 of 2013 for multi users.

Permanent lifelines are designed to stop the fall of one (or more, as specified below) users and to absorb part of the energy transmitted to the supporting structure. When used as a part of a fall arrest system, the user must always wear a safety harness and a fall arrester with shock absorber limiting the impact of the fall to 600daN on his body.

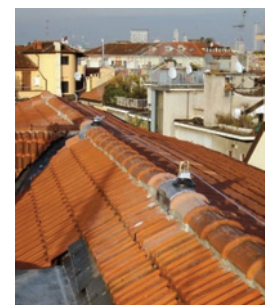
Tractel offers a wide range of permanent lifelines including a rigid rail solution to suit best each application.

	Travsafe	Travrail	Travflex 2	Travsmart	Travspring	Travspring One
<b>Intermediate anchor crossing (Comfort of use)</b>	Excellent, away from the lifeline	Excellent, away from the lifeline	Good, away from the lifeline	Good, away from the lifeline	Manual and near to the lifeline	Manual, near to the lifeline & disconnecting from the lifeline
<b>Lifeline length</b>	Up and above 200m		Up to 200m			
<b>Frequency of use</b>	Daily		Regular		Occasional	
<b>Sliders availability</b>	Standard, Opening, Rollsafe for overhead	Standard, Rolling/rope access, Rope access for wall	Bi-directional slider <sup>3</sup>		Not available	
<b>Installation type</b>						
Overhead	✓	✓	-	✓	-	-
Wall and floor				✓		
<b>Distance between anchor<sup>1</sup></b>	30 m	6 m	15 m			
<b>Deflection of the lifeline<sup>1</sup></b> (Configuration: 5x 15m, 1 user 150kg)	1,4 m (with bi material absorber ring 2.94 m)	0 m (with 6m between brackets)	3 m	2,8 m	2,8 m	2,8 m
<b>Force on end anchor<sup>1</sup></b> (Configuration: 5x 15m, 1 user 150kg)	High 28 kN	Low 7 kN <sup>2</sup>	Lowest 6 kN	Low 7 kN	Medium 10 kN	Medium 10 kN
<b>Specific installation</b>	Heavy structure	Standard structure	Lightweight structure	Standard structure		
<b>Maximum of simultaneous user</b>	3 x 150 kg or 5 x 100 kg	3 x 100 kg	2 x 150 kg or 3 x 100 kg	3 x 150 kg or 5 x 100 kg		
<b>Main material</b>	Stainless steel or galvanised steel	Aluminium	Stainless steel or galvanised steel		Galvanised steel	

<sup>1</sup> (depending on the specific configuration of the lifeline)

<sup>2</sup> (irrelevant of the number of simultaneous user with max weight of 100 kg)

<sup>3</sup> (switch from one side to the other side of the wire rope without disconnecting)



# Travsafe

Twin cables lifeline



## EN795-C - CEN/TS16415

The new Travsafe lifeline is an evolution of the previous version. It complies with the European norm EN795-C and the CEN/TS16415 for multi-user. The Travsafe lifeline with its two cables is the most efficient and sophisticated lifeline on the market.

As an extension of Tractel High Capacity Range, the Travsafe lifeline is now certified for user weighing up to 150kg including all their equipment.

This lifeline is certified for a simultaneous use for a maximum of 5 users 100kg or 3 users 150kg.

Tractel has performed compatibility tests for all of its self-retracting fall arrester (EN360) and guided type fall arresters (EN353-2) rated 150kg on the Travsafe lifeline. All lanyards certified EN 355 can be used with the Travsafe lifeline.

Thanks to its specific design, the slider easily moves past the intermediate cable brackets, with no need for any manual intervention.

Two versions are now available:

- Travsafe with stainless steel shock absorber rings
- Travsafe with two-material shock absorber ring

These two Travsafe lifeline versions are designed for overhead, on wall or ground installations. The anchors can be installed on any structure or by using post interfaces. Intermediate anchors must be positioned no more than 15 meters apart.

When configured in stainless steel (anchors, wire ropes and absorber rings), the Travsafe offers the possibility to have a distance between anchors from **0.8m to 30m** in both single span and multi spans configuration.

The Travsafe is particularly well suited for long applications (over 200m). On overhead application, the Rollsafe slider ensures a smooth gliding of any fall arrester (including heavy self-retracting block) on the twin system.

For more information please contact Tractel.

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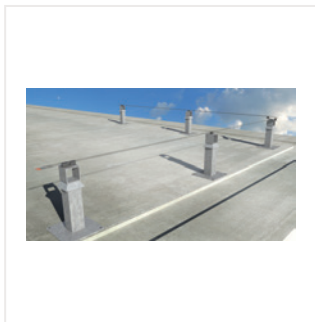
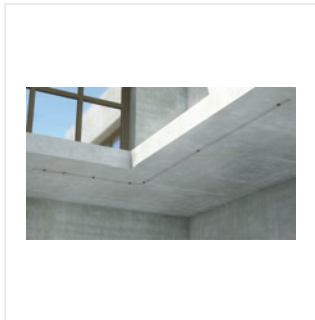
Tested to stop the fall of  
3 users, 150kg

OR



5 users, 100kg





Start kits and kits allow you to have the basic elements to build your lifeline. Then add the length of wire rope needed for your project. If applicable, you should also incorporate compatible intermediate anchors and curve kits. Don't forget your Travsafe sliders.

## Galvanised steel wire ropes

Model	Product Code
Travsafe Kit: galvanised wire rope, aluminium anchors & stainless steel absorbers	277467
Travsafe Kit: galvanised wire rope, stainless steel anchors & absorbers	277487
Travsafe Kit: galvanised wire rope, aluminium anchors & bi-material absorbers	277507
Travsafe Kit: galvanised wire rope, stainless steel anchors & bi-material absorbers	277527
Start kit galvanised 5m	277547
Additional meter of wire rope galvanised	274247

## Stainless steel wire ropes

Model	Product Code
Travsafe Kit: stainless steel wire rope, stainless steel anchors & rings	277497
Travsafe Kit: stainless steel wire rope, stainless steel anchors & bi-material absorbers	277537
Start kit stainless steel 5m	277557
Additional meter wire rope stainless steel	274257

## Anchors and absorber rings

Model	Product Code
Intermediate aluminium anchor	20715
Intermediate stainless steel anchor	126435
Kit stainless steel absorbers (4pcs)	293679
Kit bi-material absorbers (4pcs)	293689
Curve kit stainless steel anchors & stainless steel absorbers	74317
Curve kit stainless steel anchors & bi-material absorbers	193048

## Sliders

Model	Product Code
Standard slider	76149
Opening slider	76159
Rollsafe slider	251649

## Accessories

Model	Product Code
Additional sign plate EN/FR/DE/IT/ES/NL	277127
Kit language EN/RU/DK/PT/PL	293649
Additional sign plate EN/RU/DK/PT/PL	277237
Travsafe post galvanised 500mm	104565
Counter plate Travsafe™ post	130995
Curve plate for post installation	114375
Repair rings	20875

# Travflex 2



## EN795-C - CEN/TS16415

The new Travflex 2 lifeline is an evolution of the previous version. It complies with the European norm EN795-C and the CEN/TS16415 for multi-user.

As an extension of Tractel High Capacity Range, the Travflex 2 lifeline is now certified for user weighing up to 150kg including all their equipment.

This lifeline is certified for a simultaneous use for a maximum of 3 users 100kg or 2 users 150kg.

Intermediate anchors must be positioned no more than 15 meters apart.

Tractel has performed compatibility tests for all of its self-retracting fall arrester (EN360) and guided type fall arresters (EN353-2) rated 150kg on the Travflex 2 lifeline. All lanyards certified EN 355 can be used with the Travflex 2 lifeline.

Travflex 2 is the dedicated Tractel lifeline for light structure. Combined with the universal plate, it can be installed on a large range of light structures such as steel deck, sandwich panel and standing seam.

The Travflex 2 lifeline is certified for the following installation: on a wall, on an inclined surface up to 15° or on the ground.

The Travflex 2 lifeline advantages:

### MEETS THE USER'S NEEDS:

- Choices of installations and uses (ergonomics).
- Automatic anchor crossing thanks to the travsmart slider.
- The user can work on either side of the lifeline without the need to disconnect (improved safety).
- Wire rope available in galvanized steel or stainless steel.

### MEETS THE INSTALLER'S NEEDS:

- No special tools are required for the installation of the lifeline.
- Thanks to the wedge socket, the risk of the cable clamp nuts coming loose over time is fully eliminated.
- Quick and easy installation of the lifeline thanks to the design of the intermediate anchor.
- In the event of a fall, there is no need to fully dismantle the lifeline. Simply loosen the cable to remove and reinstall the failed intermediate supports (installation time reduced).

The kits Travflex 2 include two end anchors respectively in stainless steel or galvanised steel.

For more information please contact Tractel.

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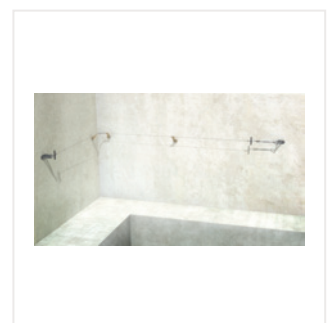
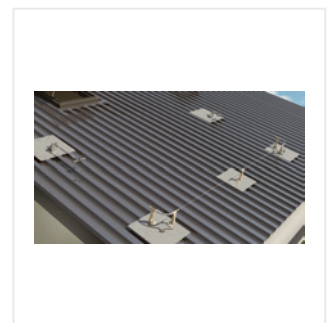


Tested to stop the fall of  
2 users, 150kg

OR

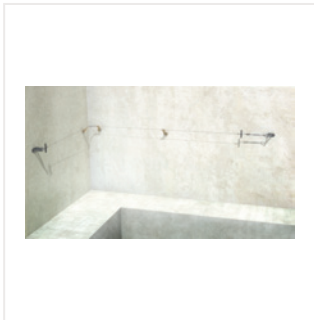
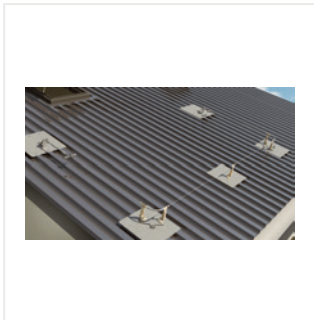


3 users, 100kg





# Travflex 2



Start kits and kits allow you to have the basic elements to build your lifeline.

Then add the length of cable needed for your project.

If applicable, you should also incorporate compatible intermediate and turn anchors.

Don't forget your slider.

Model	Product Code
Kit Travflex 2 stainless steel	293639
Start kit stainless steel	57262
Additional meter of stainless steel wire rope	277137
Travsmart / Travflex II slider	251349

Model	Product Code
Kit Travflex 2 galva	293629
Start kit galvanised 5M	57252
Additional meter galvanised wire rope	238497
Travsmart / Travflex II slider	251349


Model	Product Code
Intermediate anchor	100398
Curve kit stainless steel for installation on concrete	100628
Curve kit stainless steel for installation on plate	100418
Curve kit galvanised for installation on concrete	100618
Curve kit galvanised for installation on plate	100408
Additional sign plate	277127
Riveter machine	100568


Example:


**I wish to install a Travflex 2 lifeline with galvanised cable for application on rigid structure, 45 m.**

I have to order :

- 1 kit Travflex 2 galvanised
- 1 start kit galvanised
- 40 meters of galvanised cable (start kit has already 5 m of cable)
- 2 Intermediate anchor
- 1 slider

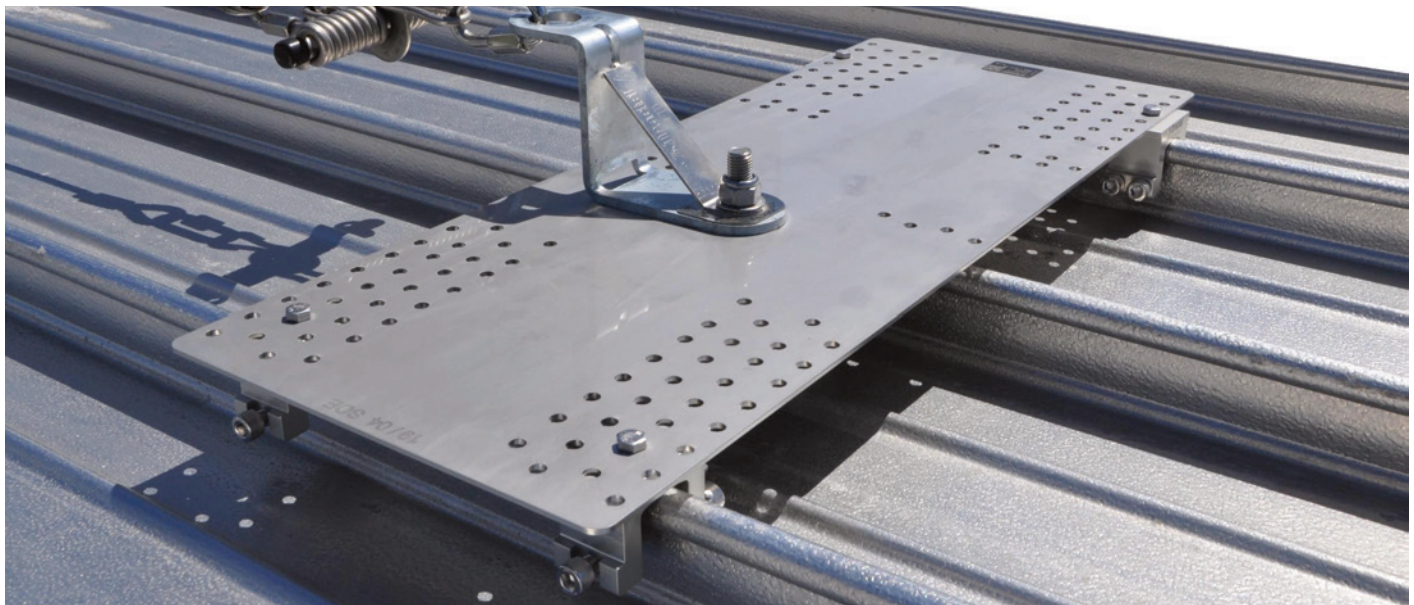
 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Travflex 2

Universal plate



## Universal mounting plate for Travflex 2 on light structures

The universal plate is designed to be installed on light structures for our Travflex 2 lifeline and ringflex anchor point.

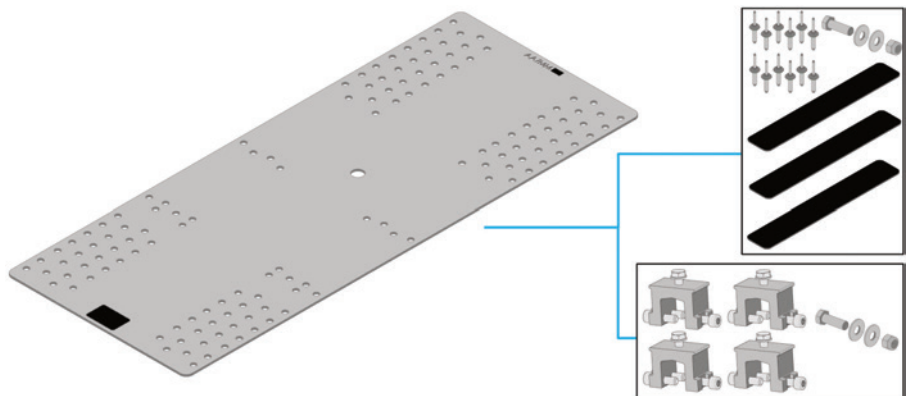
There are two versions available, depending on the intended use:

- Plate for extremity & intermediate bracket or anchor point.
- Plate for curved bracket.

The plate can be mounted on a wide range of roofs:

- Metal sheet roofing.
- Sandwich panel.
- Aluminium standing seam.

Depending on the application, the plate is supplied with a set of 4 clamps or a set of 12 rivets.



Model	Product Code
Extremity & intermediate universal plate in stainless steel	206888
Extremity & intermediate universal plate in galvanized steel	207788
Curve universal plate in stainless steel	206878
Kit 4 clamps + 1 bolt M16	232577
Kit 12 rivets + rubber sealing bands + 1 bolt M16	232587

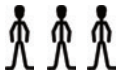
\* Extremity & intermediate universal plate is also suitable for the ring flex.

### Delivery

Every universal plate is supplied with the installation manual

Both the 4 clamp kit and the 12 rivet kit are delivered with 1x screw HM16, 2x M16 washers, 1x M16 locknut.

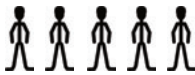




Tested to stop the fall of

3 users, 150kg

OR



5 users, 100kg



## EN795-C - CEN/TS16415

The Travsmart lifeline complies with the European norm EN795-C and the CEN/TS16415 for multi-user.

As an extension of Tractel High Capacity Range, the Travsmart lifeline is now certified for user weighing up to 150kg including all their equipment.

This lifeline is certified for a simultaneous use for a maximum of 5 users 100kg or 3 users 150kg.

Intermediate anchors must be positioned no more than 15 meters apart.

In single span configuration (without intermediate anchor), Tractel has certified the travsmart lifeline with a maximum distance between end anchors of **30m!**

Tractel has performed compatibility tests for all of its self-retracting fall arrester (EN360) and guided type fall arresters (EN353-2) rated 150kg on the Travsmart lifeline. All lanyards certified EN 355 can be used with the Travsmart lifeline.

Travsmart is the most polyvalent lifeline of Tractel' portfolio. The Travsmart lifeline is certified for the following installation: overhead, on a wall, on an inclined surface up to 15°, on the ground or on a post.

The Travsmart lifeline advantages:

### MEETS THE USER'S NEEDS:

- Choices of installations and uses (ergonomics).
- Automatic anchor crossing thanks to the travsmart slider.
- The user can work on either side of the lifeline without the need to disconnect (improved safety).
- Wire rope available in galvanised steel or stainless steel.

### MEETS THE INSTALLER'S NEEDS:

- No special tools are required for the installation of the lifeline.
- Thanks to the wedge socket, the risk of the cable clamp nuts coming loose over time is fully eliminated.
- Quick and easy installation of the lifeline thanks to the design of the intermediate anchor.
- In the event of a fall, there is no need to fully dismantle the lifeline. Simply loosen the cable to remove and reinstall the failed intermediate supports (installation time reduced).

For more information please contact Tractel.

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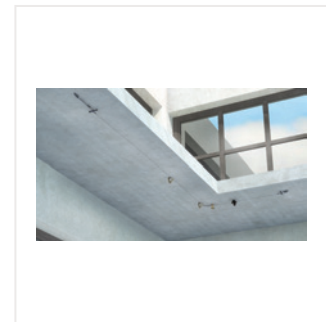
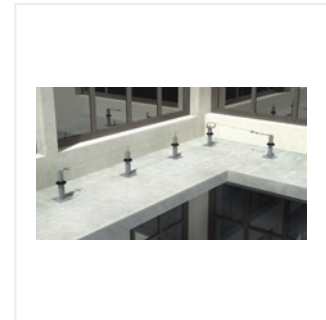
Start kits and kits allow you to have the basic elements to build your lifeline.  
 Then add the length of cable needed for your project, as well as two end anchors.  
 If applicable, you should also incorporate compatible intermediate anchors and turn kits.  
 Don't forget your Travsmart slider.



Model	Product Code
Kit travsmart stainless steel 150kg	277167
Start kit stainless steel	57262
Additional meter of stainless steel wire rope	277137
travsmart slider	251349

Model	Product Code
kit travsmart galvanised 150kg	277157
Start kit galvanised	57252
Additional meter galvanised wire rope	238497
travsmart slider	251349

Model	Product Code
travsmart end anchor for ground, wall and overhead	193897
End anchor for post	66698
travsmart standard intermediate anchor	193847
travsmart overhead intermediate anchor	193857
travsmart standard corner kit	193867
travsmart overhead corner kit	193877
travsmart corner plate for standard corner kit on post	193887
Additional sign plate	277127



Example:

**I would like to install a travsmart lifeline with stainless steel cable for wall application, 45m.**

I have to order :

- 1 kit travsmart stainless steel
- 1 start kit stainless steel
- 40 meters of stainless steel wire rope (start kit has already 5 m of wire rope)
- 2 travsmart end anchors for ground, wall and overhead
- 2 intermediate anchors
- 1 travsmart slider



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.



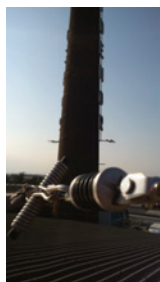
Tested to stop the fall of

3 users, 150kg

OR



5 users, 100kg



## EN795-C - CEN/TS16415

The Travspring lifeline complies with European norms EN795-C and CEN/TS16415 for multi-user. It is certified for users weighing up to 150kg and allows simultaneous use for a maximum of 5 users at 100kg or 3 users at 150kg

When configured with one INRS absorber, intermediate anchors can be positioned from **1.8 to 28.5m**. In a configuration with 2 INRS absorbers, intermediates must be positioned no more than 15 meters apart.

In single span configuration (without intermediate anchor), Tractel has certified the Travspring lifeline with a maximum distance between end anchors of **30m!**

### MEETS THE USER'S NEEDS:

- Proximity lifeline
- Choices of installations and uses (ergonomics).
- The user can work on either side of the lifeline without the need to disconnect (improved safety).
- Wire rope available in galvanised steel or stainless steel.

### MEETS THE INSTALLER'S NEEDS:

- No special tools are required for the installation of the lifeline.
- Thanks to the wedge socket, the risk of the cable clamp nuts coming loose over time is fully eliminated.
- Quick and easy installation of the lifeline thanks to the design of the intermediate anchor.
- In the event of a fall, there is no need to fully dismantle the lifeline. Simply loosen the cable to remove and reinstall the failed intermediate supports (installation time reduced).

For more information please contact Tractel.

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# Travspring

Start kits and kits allow you to have the basic elements to build your lifeline.  
Then add the length of cable needed for your project.  
If applicable, you should also incorporate compatible intermediate and turn anchors.

Model	Product Code
Kit Travspring stainless steel 150kg	276977
Start kit stainless steel	57262
Additional meter of stainless steel wire rope	277137

Model	Product Code
Kit Travspring galva 150kg	276967
Start kit galvanised	57252
Additional meter galvanised wire rope	238497

Model	Product Code
End anchor for ground and wall	66848
End anchor for post	66698
Travspring intermediate anchor	66868
Travspring corner kit	66878
Travspring corner plate	66998
Additional sign plate	277127

Example:

**I would like to install a travspring™ lifeline with galvanised cable for application on post, 122m, and a total of two INRS shock absorbers.**

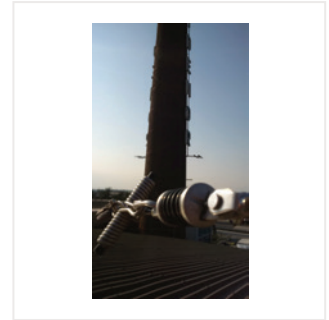
I have to order :

- 1 kit Travspring galvanised
- 1 start kit galvanised
- 117 meters of galvanised cable (start kit have already 5 m of cable)
- 2 End anchor for post
- 8 intermediate anchor
- 1 INRS absorber
- 1 Additional sign plate

## Galvanised post

- Interface posts for the end or intermediate anchors, including curves for the travsmart, travspring™ or travspring™ one lifelines.
- 70x70 mm cross-section, made of galvanised steel.

Model	Product Code
with pulley 500mm for travspring™	68478
Counter plate for square base post 250mm and 500mm	130995
Counter plate for square base post 750mm	133295

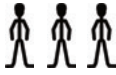


Order products on day 1, will be shipped no later than day 2,

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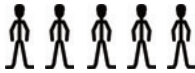
# Travspring one



Tested to stop the fall of

3 users, 150kg

OR



5 users, 100kg



## EN795-C - CEN/TS16415

The new Travspring One lifeline is a derivative of the Travspring lifeline. It complies with the European norm EN792-C:2012 and the CEN/TS16415:2013 for multi-user.

It is designed as a simple and inexpensive lifeline for occasional use. The system requires a double lifeline to pass the intermediate supports and curves.

### 150kg High Capacity Range

As an extension of Tractel High Capacity Range, the Travspring One lifeline is now certified for user weighing up to 150kg including all their equipment. This lifeline is certified for a simultaneous use for a maximum of 5 users 100kg or 3 users 150kg. In order to comply with the 150 kg classification, the harness and connection (lifelines, automatic fall arrest devices or guided fall arresters with flexible anchor line) must all have a 150 kg classification.

### Specifications

Intermediate anchors must be positioned no more than 15 meters apart. In single span configuration (without intermediate anchor), Tractel has certified the Travspring lifeline with a maximum distance between end anchors of 30 meter.

The Travspring lifeline is certified for the following installation: on a wall, on an inclined surface up to 15°, on the ground or on a post. In addition, in a single span configuration, travspring™ can be installed overhead.

The system is supplied with a visual tension indicator and an in-line energy absorber.

Tractel has performed compatibility tests for all of its self-retracting fall arrester (EN360) and guided type fall arresters (EN353-2) rated 150kg on the Travspring One lifeline. All lanyards certified EN 355 can be used with the Travspring One lifeline.

### Benefits

- Thanks to the wedge socket, the risk of the cable clamp nuts coming loose over time is fully eliminated.
- No special tools are required for the installation of the lifeline.
- Few components to install.

# Travspring one

Start kits and kits allow you to have the basic elements to build your lifeline.

Then add the length of cable needed for your project.

If applicable, you should also incorporate compatible intermediate and turn anchors.

Model	Product Code
Kit Travspring One galva 150kg	277177
Start kit galvanised	57252
Additional meter galvanised wire rope	238497

Model	Product Code
Travspring end anchor ground and wall	66848
Travspring One end anchor for post	87368
Travspring One intermediate anchor for post	113297
Travspring One intermediate anchor for wall	113247
Travspring corner kit	66878
Travspring corner plate	66998
Additional sign plate	277127

Example:

**I would like to install a travspring™ lifeline with galvanised cable, 122m.**

I have to order :

- 1 kit travspring™ One galva
- 1 start kit galvanised
- 117 meters of galvanised cable (start kit have already 5 m of cable)
- 2 End anchors
- 8 intermediate anchors





## Galvanised post


- Interface posts for the end or intermediate anchors, including curves for the travsmart, travspring™ or travspring™ one lifelines.
- 70x70 mm cross-section, made of galvanised steel.

Model	Product Code
with pulley 500mm for travspring™	68478
Counter plate for square base post 250mm and 500mm	130995
Counter plate for square base post 750mm	133295



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 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



# Interface posts for lifeline

Galvanised posts



Square base



Square base plate 20° inclined



Rectangular base



Base plate for roof ridges

## Height: 250mm

Model	Description	Product Code
250 mm	Galvanised with inclined base	72278
250 mm	Galvanised with rectangular base	71968
250 mm	Galvanised with base plate for roof ridges	71988

## Height: 500mm

Model	Description	Product Code
500 mm	Galvanised with inclined base	72288
500 mm	Galvanised with rectangular base	71978
500 mm	Galvanised with base plate for roof ridges	71998

## Height: 750mm

Model	Description	Product Code
750 mm	Galvanised with square base	72298
750 mm	Galvanised with rectangular base	72308

For calculation of these posts, please contact [Tractel®](#)



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Interface posts for lifeline

## Insulated anchor posts

Insulated anchor posts with a stainless steel anchor ring. 70x70 mm cross-section, made of galvanised steel, with thermal protection. They are designed to eliminate the risk of condensation in winter when the outside temperature drops below 0° C. They also help to keep your roof insulation to its optimal efficiency and reduce heat energy waste.



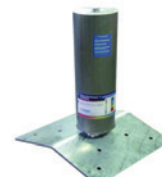
Square base



Square base plate 20° inclined



Rectangular base



Base plate for roof ridges

### Height: 250mm

Model	Description	Product Code
250 mm	Insulated with square base	186648
250 mm	Insulated with inclined base	186658
250 mm	Insulated with rectangular base	186668
250 mm	Insulated with a base plate for roof ridges	186678

### Height: 500mm

Model	Description	Product Code
500 mm	Insulated with square base	186688
500 mm	Insulated with inclined base	186698
500 mm	Insulated with rectangular base	186708
500 mm	Insulated with a base plate for roof ridges	186718

### Height: 750mm

Model	Description	Product Code
750 mm	Insulated with square base	186728
750 mm	Insulated with rectangular base	186738

### Accessories

Model	Product Code
Counter plate for square base post 750mm	133295
Counter plate for square base post 250mm and 500mm	130995

# Interface posts for lifeline

Stainless steel anchor posts



Square base



Rectangular base



Base plate for roof ridges

## Height: 250mm

Model	Description	Product Code
250 mm	Stainless steel with a square base plate	186808
250 mm	Stainless steel with a rectangular base plate	186818
250 mm	Stainless steel with a base plate for roof ridges	186828

## Height: 500mm

Model	Description	Product Code
500 mm	Stainless steel with a square base plate	186838
500 mm	Stainless steel with a rectangular base plate	186848
500 mm	Stainless steel with a base plate for roof ridges	186858

For calculation of these posts, please contact [Tractel®](#).



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Interface posts for lifeline

Hot roof post - For Travsmart and Travspring



## Hot roof post

Model	Product Code
End and corner post	218278
Intermediate post	218288
Intermediate post, PVC base	218298
End and corner post, PVC base	218308

Configure the number of posts according to site configuration. When top membrane is in PVC, the post with a PVC is required.

## Bolting

Model	Product Code
Set of 4 x M10 concrete dowels	288447
M12 concrete dowel	288457
Set of 4 x M10 toggle bolts	288467
M12 Toggle bolt	288477

A kit of 4 bolts is required for each extremity or corner post. A kit of 1 bolt is required for each intermediate post.

## Sealing rosette

Model	Product Code
Bitumen sealing rosette for intermediate post	288487
Bitumen sealing rosette for end and corner post	288497
PVC sealing rosette for intermediate post	288507
PVC sealing rosette for end and corner post	288517
EPDM sealing rosette for intermediate post	288527
EPDM sealing rosette for end and corner post	288537

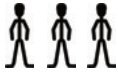
Type of membrane depends on waterproofed top layer of the roof

## Tools

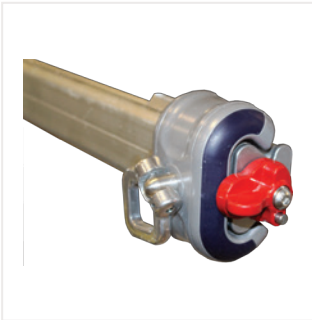
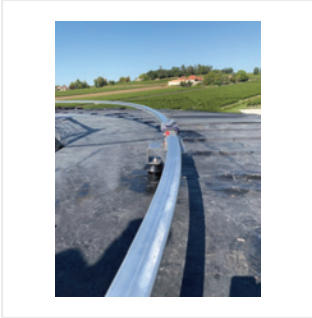
Model	Product Code
Toggle bolt tool M12	288547
M10 socket wrench extension	288557
M12 socket wrench extension	288567
Hole saw Ø30mm	288577
Hole saw Ø44mm	288587
Quick-hitch arbor for hole saw Ø30mm	288597
Quick-hitch arbor for hole saw Ø44mm	288607

# Travrail

Horizontal fall protection for attachment to a slider



Tested to stop the fall of  
3 users, 100kg



## EN 795-D

Travrail is a horizontal rigid anchor rail. It is designed to protect workers in the event of a fall, during tasks such as cleaning or maintenance work, checking an installation or safely entering a structure. It allows the slider to move freely over the intermediate anchors, enabling the user to move easily from one side of the rail to the other.

The rail makes it possible to secure 3 people (each weighing up to 100 kg including equipment and tools) at the same time (one person per slider).

The rail can also be used as an anchor point for Rope Access work (wall and floor applications only). In this case, each user must always be equipped with 2 sliders:

- 1 for the work rope
- 1 for the safety rope

The maximum distance between brackets of the aluminium rail is 6m (3m for rope access applications). 90° bends available for wall mounting and floor/ceiling mounting. The rail can be mounted on the floor, on the wall or overhead.

Travrail features:

- Detachable end stop for inserting or retrieving sliders
- Complies with EN 795-D
- Complies with CEN/TS 16415 for 3 simultaneous users
- To be used with EN 360 retractable fall arresters
- To be used with EN 353-2 guided type fall arresters with flexible anchor line
- To be used with EN 355 energy absorbers and decelerators
- To be used with EN 361 full body harnesses

Model	Product Code
Rail aluminium 3000 mm	232665
External corner rail   aluminium	232685
Internal corner rail   aluminium	232695
Overhead corner rail   aluminium	232705
Connection rail   aluminium	232715
Fix end stop	232745
Removable end stop	232655
Bracket	232725
Expansion bracket	232785
Standard slider	232675
Slider for rope access   overhead	242485
Slider for rope access   wall	232795
Sign plate	233245
Drilling kit	232765
Rail trimming and finishing ( factory)	223326

Example:

For 8 m of rail, I order 3 rails of 3 m (3 x 232665) + a rail cutout (223326).  
Will be delivered 2 rails of 3 m and 1 rail of 2 m.

# Stopcable S 150 kg

Vertical lifeline

## EN353-1 - EN 353-2 - PPE-R/11.062

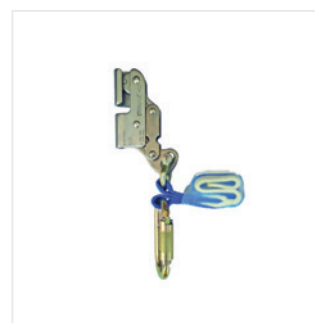
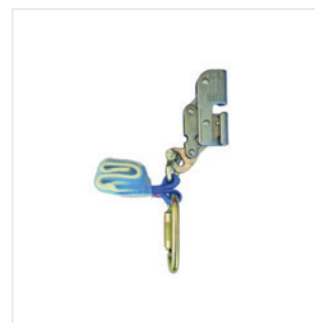
The use of a ladder to gain access to a high level workstation can pose an element of risk.

The Stopcable S vertical lifeline is a fall protection device that allows a person to get on and off in complete safety. It is mainly used to secure the ascent of people on simple fixed ladders. It consists of a fixed point and individual mobile equipment (slider). The slider follows you constantly during your ascent and locks in the event of a fall.

This device is used in various fields such as wind power, telecommunications, sanitation, nuclear power plants or any other industries requiring access to platforms or tanks.

The vertical lifeline must consist of a high anchor point complying with standard EN795, one or more intermediate fixings, a low attachment with cable tensioning system, cable, sliding fall arrester and a signage plate.

Model	Product Code
Stopcable S 150 kg (fall arrester)	87042
Extremity KIT Stopcable 353-1 GALVA	288967
Extremity KIT Stopcable 353-2 GALVA	288997
Galvanised anchor	17872
1m of cable galva	281767
Extremity KIT Stopcable 353-1 SS	289057
Extremity KIT Stopcable 353-2 SS	289257
Stainless steel anchor	32902
1m of cable stainless steel	281757
Plate Stopcable - FR/EN/DE/IT/ES/NL	289007
Kit of anchor for side bar	87378
Stopcable SS JUMPER - U Bolt - Diameter 27 mm	18132
Stopcable SS JUMPER - U Bolt - Diameter 34 mm	18142
Tensioning device	261809
Cable guide	108857
Energy shock-absorber	90049
Counterweight	129445



# Permanent safety ladders

## FABA system

### EN353-1

The FABA range is a fall arrest system on a rail for vertical movements. The vertical rails are separately available for mounting on an existing ladder or can be supplied with an integrated ladder. The FABA systems include accessories such as rest platforms or access blocking systems. They are built to be adapted to all types of supports. These products can be supplied in galvanised steel, stainless steel or aluminium.

FABA ladders are complete systems in which all components are aligned with each other. The rigid rail allows the user to better control the movement of the slider. Unlike cable systems, several people can climb up the ladder one after the other (with sufficient spacing). Ideal for use over long distances.

The products of the FABA range have been tested to meet the requirements of the European EN 353-1 standard. Areas of application: along towers, chimneys, tanks, bridge piers, masts, antenna supports, access to mines, pits, sludge lagoons, cat walks, dams, tank lorries, cranes, roof terraces, waste water systems, etc.

For more information please contact Tractel.



See our harnesses, especially dedicated and patented for being used with FABA ladders :



HT120 (page 167)



HT Easyclimb (page 163)



Since 1965, Tractel is offering vertical and horizontal access solutions (FABA systems) based on modular, robust designs.

FABA offers complete solutions and safety rails for safe access to your workplaces at height. A complete range of standard components guarantees a fall protection system according to EN 353-1. FABA fall arrest systems allow safe climbing on

fixed vertical ladders at any height and on horizontal access routes.

**Area of application:** Towers, pillars, lighting or antenna masts, pylons, chimneys.



## FABA System AL2

The FABA AL2 System has been on the market since 2000. It is based on the principle of the FABA A12 System and is suitable for material in anodised aluminum. The design of the safety rail and sliders is asymmetrical and guarantees sliders are always used in the right direction.

- Dimensions rail profile (H-shaped): 48 x 65 x 3-6mm
- Material: Anodised aluminum
- Design: Ladder with a central upright or with additional side uprights or just rail
- Spacing in between stops: 70 mm
- Spacing in between rungs: 280 mm
- Rungs: Straight, inserted and set on the back of the rail
- Ladder width: 414 mm
- Primary lengths: 5600 and 2800 mm
- Adjustment lengths: 560, 840, 1120, 1400, 1680, 1960, 2240, 2520, 3080, 3360, 3640, 3920, 4200, 4480, 4760, 5040 and 5320 mm
- Maximum distance between fixings: 1680 mm for the ladder with central upright, 2520 mm suitable for ladder with side uprights or the rail.

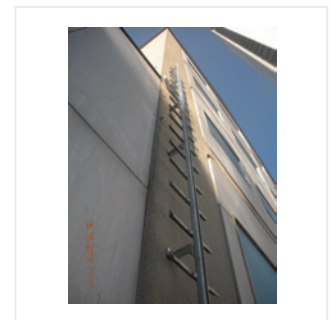
For more information please contact Tractel® .



## FABA System A12

The FABA A12 System has been on the market since 1995. It is a logical evolution of the FABA A11 System but a lighter and smaller version. The design of the safety rail and carriages is asymmetrical and guarantees that the carriages are always used in the right direction.

- Dimensions rail profile: 48 x 32 x 3 mm
- Material: Hot-dipped galvanised steel or stainless steel (1.4571)
- Design: Ladder with central upright or just rail
- Spacing in between stops: 40 mm
- Spacing in between rungs: 280 mm
- Rungs: Straight and welded on the back of the rail
- Width of the ladder: 380 mm
- Primary lengths: 5600 and 2800 mm
- Adjustment lengths: 560, 840, 1120, 1400, 1680, 1960, 2240, 2520, 3080, 3360, 3640, 3920, 4200, 4480, 4760, 5040 and 5320 mm
- Maximum distance between fixings: 1400 mm for the ladder and 1960 mm for the rail.





# FABA A12 & AL2

## Sliders



The slider is mobile component of the FABA system and is attached to the user with a carabiner. All FABA sliders are certified to the latest applicable standard (EN353-1) and comply with the European Regulation 2016/425 (PPE Regulation) with a maximum user weight of 150kg.

The following sliders are compatible with the FABA system A12 and AL2:

- AL-D
- Grip
- EZ

Each slider is designed for different uses according to the user needs and the following table is aimed at guiding the user's choice.

The safety rail of FABA is C-shaped rail and the sliders are gliding inside the rail. This offers the advantage of compacity of the system and increase the comfort of use as the rail and slider take less place in front of the user.

	AL-D	Grip	EZ
<b>Frequency of use</b>			
Occasional	V	-	V
Daily	-	V	V
<b>Application</b>			
Industrial use	V	-	-
Rescuer	-	-	V
Extensive climbing height	-	V	-
Confined access	V	-	V
<b>Features</b>			
Insertable and retrievable and at any location	-	-	V
Anti-reversibility	V	V	V
<b>Compatibility</b>			
A12	V	V	V
AL2	V	V	V
<b>Connector</b>			
Manual locking (M10)	V	-	V
Automatic tri-lock (M23)	V	V	V



AL-D



Grip



EZ

### FABA EZ 150kg

FABA EZ, simply said "easy"

- The biggest advantage and differentiator of this slider is its possibility to be inserted and retrieved at any place of a rail or a ladder,
- Thanks to its unique design, you insert or retrieve it with only one hand,
- Developed and compatible with FABA A12 & AL2,
- Introduction is only possible in the correct direction thanks to asymmetric profile,
- Robust and self mechanical locking system,
- Inside sliding,
- Good gliding,
- Available with manual (M10) or trilock connector (M23),
- User up to 150kg

Model	Product Code
FABA™ EZ 150kg M23	513878
FABA™ EZ 150kg M10	513888



### FABA AL-D 150kg

The slider FABA AL-D 150kg is conform to the latest applicable standard EN 353-1 and to the European Regulation 2016/425 and is certified for a user weighing up to 150kg.


The slider is certified and compatible with the rail and ladder of FABA A12 galvanized steel or stainless steel and the rail and ladder of FABA AL2 and its related products, the FABA AL2 Mobil and the FABA AL2 Mobil-F.


This rigid vertical fall arrester is tested to stop the fall of one operator, with its tools and equipment, weighing up to 150 kg. It enables several operators to work in safety (each operator having his own FABA AL-D slider) if there are no more than two operators within 10m and at least 3m between them.


In order to provide protection for the user up to the maximum allowed weight, all the products of the system must be HIGH CAPACITY RANGE 150 KG (**Please note:** The component with the lowest capacity always determines the maximum capacity of the entire fall arrest system. ).

Model	Product Code
FABA AL-D - M10	514008
FABA AL-D - M23	514018



 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



### FABA Grip 150kg

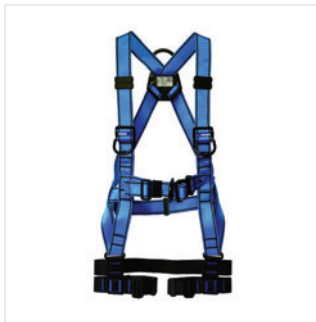
The slider FABA Grip 150kg is conform to the latest applicable standard EN 353-1 and to the European Regulation 2016/425 and is certified for a user weighing up to 150kg.

The slider is certified and compatible with the rail and ladder of FABA A12 galvanized steel or stainless steel and the rail and ladder of FABA AL2 and its related products, the FABA AL2 Mobil and the FABA AL2 Mobil-F.

This rigid vertical fall arrester is tested to stop the fall of one operator, with its tools and equipment, weighing up to 150 kg. It enables several operators to work in safety (each operator having his own FABA Grip slider) if there are no more than two operators within 10m and at least 3m between them.

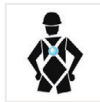
In order to provide protection for the user up to the maximum allowed weight, all the products of the system must be HIGH CAPACITY RANGE 150 KG (PLEASE NOTE: The component with the lowest capacity always determines the maximum capacity of the entire fall arrest system. ).

Model	Product Code
FABA™ Grip	514408



### Harness HT120

#### EN361



Harness designed for movement (up or down) on structures equipped with an EN 353.1 rail or cable fall arrester device equipped with an approved fall arrest umbilical anti-fallback system attachment point.

The HT120 harness is equipped with an approved fall arrest umbilical attachment point. This attachment point, while being fall arrest approved, provides comfortable support going up or down. HT 120 is the only harness on the market that offers this type of attachment point.

The HT120 harness is particularly adapted for climbing on ladders equipped with a rail-mounted FABA type fall arrester, whether or not including a tractelift climbing aid system.

It's patented design prevents the user from falling backwards in the event of a fall, eliminating the risk of serious back injuries

- 1 dorsal attachment point.
- 2 thoracic attachment points.
- 1 umbilical attachment point.

	S	M	XL
HT120 - Standard Buckles	61702	61712	61722

Order products on day 1, will be shipped no later than day 2,

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

# FABA A12 ladder with fall arrest rail

(353-1 / 14122-4)

## Hot-dip galvanised steel version

Model	Length (cm)	Weight (kg)	Product Code
2	560 mm	2,5	501237
840 mm	840 mm	4,05	501257
1120 mm	1120 mm	5,4	501297
1400 mm	1400 mm	6,7	501317
1680 mm	1680 mm	8	501337
1960 mm	1960 mm	8,5	501367
2240 mm	2240 mm	10,8	501387
2520 mm	2520 mm	12,15	501407
2800 mm	2800 mm	13,5	501427
3080 mm	3080 mm	14,8	501447
3360 mm	3360 mm	16,2	501467
3640 mm	3640 mm	17,55	501487
3920 mm	3920 mm	18,9	501507
4200 mm	4200 mm	20,25	501527
4480 mm	4480 mm	21,6	501547
4760 mm	4760 mm	22,9	501567
5040 mm	5040 mm	24,3	501587
5320 mm	5320 mm	26,1	501607
5600 mm	5600 mm	27	501627

## Stainless steel version

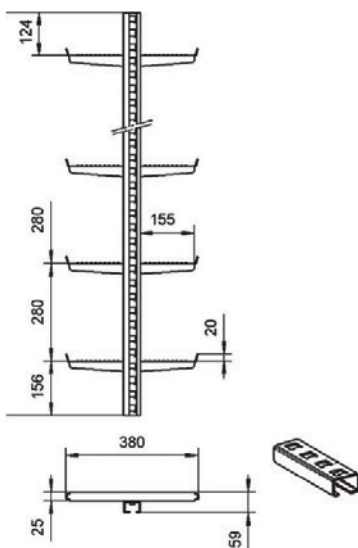
Model	Length (cm)	Weight (kg)	Product Code
560 mm	560	2,7	501247
840 mm	840 mm	4	501267
1120 mm	1120 mm	5,4	501307
1400 mm	1400 mm	6,75	501327
1680 mm	1680 mm	8	501357
1960 mm	1960 mm	8,5	501377
2240 mm	2240 mm	10,8	501397
2520 mm	2520 mm	12,1	501417
2800 mm	2800 mm	13,5	501437
3080 mm	3080 mm	14,8	501457
3360 mm	3360 mm	16,2	501477
3640 mm	3640 mm	17,5	501497
3920 mm	3920 mm	18,9	501517
4200 mm	4200 mm	20,2	501537
4480 mm	4480 mm	21,7	501557
4760 mm	4760 mm	24	501577
5040 mm	5040 mm	24,3	501597
5320 mm	5320 mm	24	501617
5600 mm	5600 mm	27	501637

## Ladder with release facility

Model	Length (cm)	Weight (kg)	Product Code
Hot-dip galvanised	1680 mm	8.1	501288

## Ladder with release facility

Model	Length (cm)	Weight (kg)	Product Code
Stainless steel	1680 mm	8.1	501298



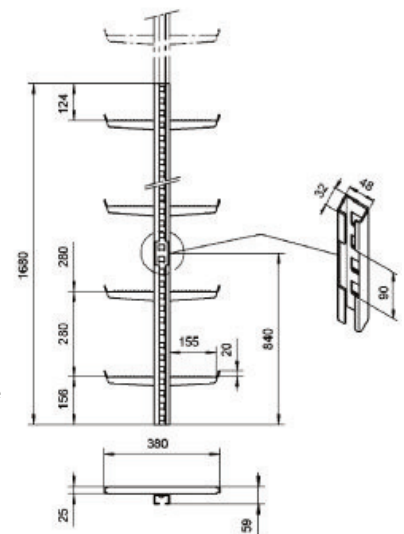
### FABA A12 ladder with fall arrest rail.

- Available in various lengths from 560 to 5,600 mm.
- Recommended length up to **2,800mm** for transport optimisation and ease of installation.
- Distance between rungs 280 mm.
- Catching cut-outs in fall arrest rail every 40 mm.
- Rungs with anti-slip surface and 20 mm high lateral safety catch.
- Rungs 155 mm wide on each side.
- Material: Hot-dip galvanised steel or stainless steel
- Standard: EN 353-1, BGV D36, DIN 18799-2

### Ladder with release facility

The ladder with release facility enables the comfortable insertion and retrieval of the FABA™ slider at the lower end of the ladder.

The installation of a detachable catch above the release is mandatory to prevent any involuntary retrieval of the slider.



# FABA A12 fall arrest rail

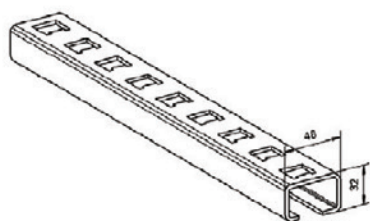
(353-1 / 14122-4)

## Hot-dip galvanised steel version

Model	Length (cm)	Product Code
560 mm	560 mm	502845
840 mm	840 mm	500038
1120 mm	1120 mm	502855
1400 mm	1400 mm	502865
1680 mm	1680 mm	502875
1960 mm	1960 mm	500048
2240 mm	2240 mm	502885
2520 mm	2520 mm	500058
2800 mm	2800 mm	502895
3080 mm	3080 mm	500068
3360 mm	3360 mm	500078
3640 mm	3640 mm	500088
3920 mm	3920 mm	500098
15	4200 mm	500108
4480 mm	4480 mm	500118
4760 mm	4760 mm	500128
5040 mm	5040 mm	500138
5320 mm	5320 mm	500148
20	5600 mm	500158

## Stainless steel version

Model	Length (cm)	Product Code
560 mm	560 mm	502905
840 mm	840 mm	502915
1120 mm	1120 mm	502925
1400 mm	1400 mm	502935
1680 mm	1680 mm	502945
1960 mm	1960 mm	502955
2240 mm	2240 mm	502965
9	2520 mm	502975
2800 mm	2800 mm	502985
3080 mm	3080 mm	502995
3360 mm	3360 mm	503005
3640 mm	3640 mm	503015
3920 mm	3920 mm	503025
4200 mm	4200 mm	503035
4480 mm	4480 mm	503045
4760 mm	4760 mm	503055
5040 mm	5040 mm	503065
5320 mm	5320 mm	500168
5600 mm	5600 mm	503075



### FABA A12 fall arrest rail.

- Available in various lengths from 560 to 5,600 mm. Recommended length up to 2,800mm for transport optimisation.
- Catching cut-outs in fall arrest rail every 40 mm.
- Material: Hot-dip galvanised steel or stainless steel
- Standard: EN 353-1, BGV D36, DIN 18799-2.



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# FABA A12

## Components

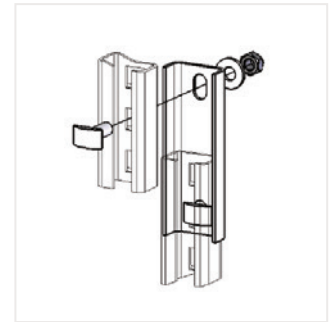
### Joint connector

Joint connector between FABA™ A12 ladders or rails.

Materials: Galvanised steel or stainless steel.

Includes set of 2 FABA™ A12 screws.

Model	Product Code
Galvanised	508117
Stainless steel	508137

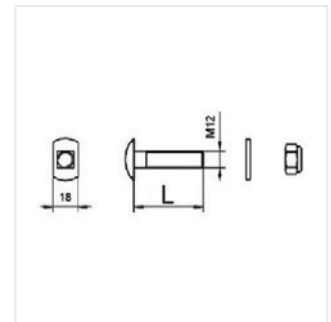


### Mounting screws

FABA T-bolt kit made specifically for fixing the FABA™ A12 rail to the different brackets.

- Each kit includes 1 screw with nut and washer.
- Lengths of M12 x 35 mm, x 50 mm and x 65 mm.
- Materials: Stainless steel.

Model	Product Code
M12 x 35 mm	508107
M12 x 50 mm	516137
M12 x 65 mm	516147



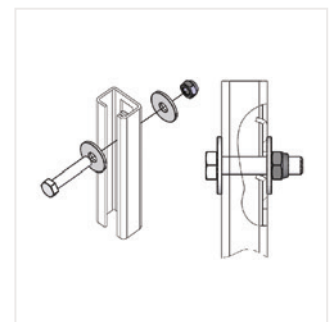
### Catch

Catches must be installed on all the entry and exit points of the rails in order to prevent unwanted exiting of a FABA™ slider.

2 types of catch exit:

- Detachable catches must be installed in those locations where the carriage is to be removed.  
The catch must be manually unlocked and then automatically closes (spring)
- Permanent catches must be installed in those locations where the carriage is not to be removed.

Model	Product Code
Detachable catch	517185
Permanent catch	508067



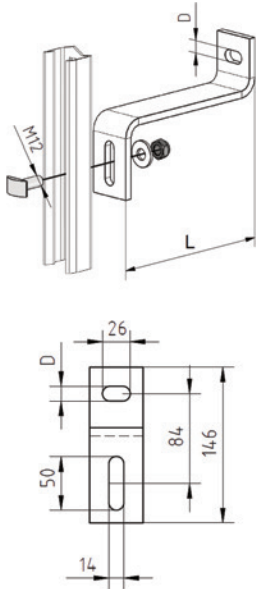
Order products on day 1, will be shipped no later than day 2.

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

# FABA A12

Brackets for ladder and rail

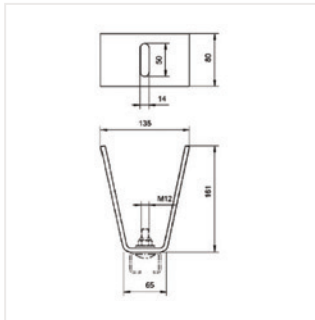


## Z bracket

Z bracket for fixing the FABA™ ladder to a sturdy structure.

- Available with holes for wall fixing:  $\varnothing = 10.5$  mm and  $\varnothing = 14$  mm.
- Supplied with 1x M12 x 35mm screw kit.
- Fixing anchors not included.
- Materials: Galvanised steel or stainless steel.

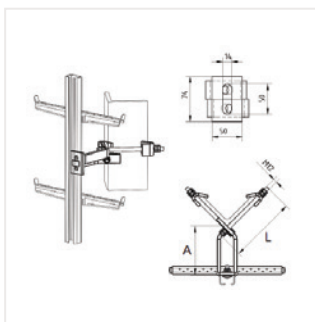
Model	Length (mm)	Construction material	Product Code
Z bracket $\varnothing 10.5$ mm	161 mm	Galvanised steel	508087
Z bracket $\varnothing 10.5$ mm	200 mm	Galvanised steel	527947
Z bracket $\varnothing 10.5$ mm	250 mm	Galvanised steel	520525
Z bracket $\varnothing 14$ mm	161 mm	Galvanised steel	503418
Z bracket $\varnothing 14$ mm	200 mm	Galvanised steel	527957
Z bracket $\varnothing 14$ mm	250 mm	Galvanised steel	527095
Z bracket $\varnothing 10.5$ mm	161 mm	Stainless steel 316	503428
Z bracket $\varnothing 14$ mm	161 mm	Stainless steel 316	503438



## U bracket for welding

For welding on steel structure by certified welder. Protected against corrosion after welding.  
Lengths between 161 and 300mm must be specified at the order  
Mounting screws must be ordered separately.

Model	Length (mm)	Product Code
Steel, untreated	160	505455
Steel with welding primer	160	503318
Stainless steel, untreated	160	503308
Hot-dip galvanised steel	160	523767



## Bracket for corner profile

- Fastening of the FABA™ ladder to a corner profile (e.g. a steel lattice mast).
- Select the corresponding bracket according to the dimension of the corner profile.
- For corner profiles between 60 x 60mm up to 250 x 250 mm
- Supplied with 1x screw kit M12 x 35mm.

Corner profile length L (cm)	A=70 mm	A=130 mm	A=160 mm
	Code	Code	Code
60 - 130 mm	529067	503648	513388
130 - 200 mm	529077	503658	513398
200 - 250 mm	529087	503668	513408

# FABA A12

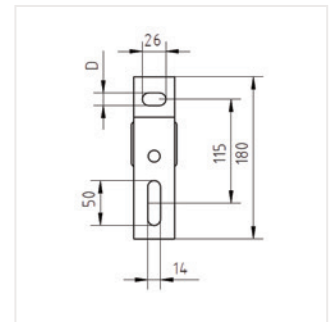
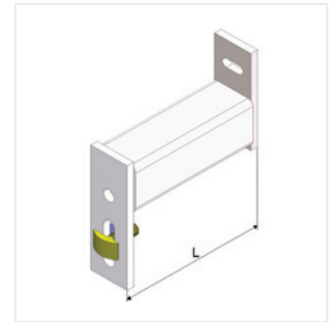
## Square tube bracket

### Square tube bracket

The square tube bracket is designed for installation of the FABA™ ladder to a masonry structure.

- Available with holes for wall fixing:  $\varnothing = 10.5$  mm and  $\varnothing = 14$  mm.
- Supplied with 1x screw kit M12 x 35mm.
- Fixing anchors not included.
- Materials: Galvanised steel or stainless steel.

Model	$\varnothing$ fixing hole	length	Material	Product Code
Square tube bracket	$\varnothing 10,5$ mm	161 mm	Galvanised steel	503558
Square tube bracket	$\varnothing 14$ mm	161 mm	Galvanised steel	503538
Square tube bracket	$\varnothing 10,5$ mm	161 mm	Stainless steel 316	503568
Square tube bracket	$\varnothing 14$ mm	161 mm	Stainless steel 316	503548
Square tube bracket	$\varnothing 10,5$ mm	200 mm	Galvanised steel	527967
Square tube bracket	$\varnothing 14$ mm	200 mm	Galvanised steel	527977

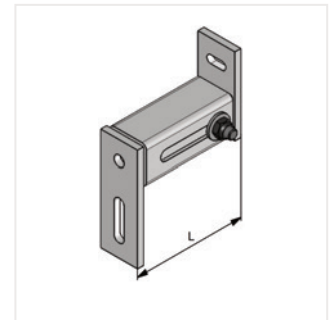



### Adjustable square tube brackets


This adjustable bracket should be used when the distance between the ladder/rail and structure is not constant.


- Available with holes for wall fixing:  $\varnothing = 10.5$  mm
- Supplied with 1x screw kit M12 x 35mm.
- Fixing anchors not included.
- Materials: Galvanised steel or stainless steel.

Model	Length	Construction material	Product Code
Ajustable square bracket	140 - 210 mm	Hot-Dip Galvanised Steel	272817
Ajustable square bracket	140 - 210 mm	Stainless steel 316	272827



 Order products on day 1, will be shipped no later than day 2.

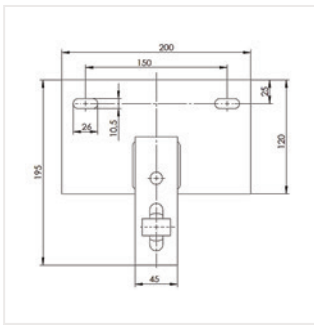
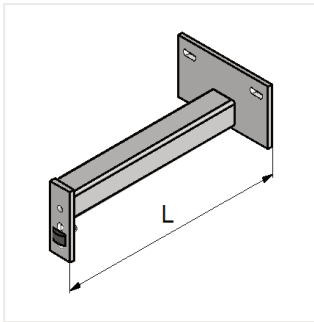
 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



# FABA A12

Bracket for low resistance structure

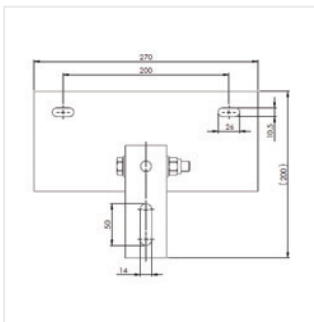
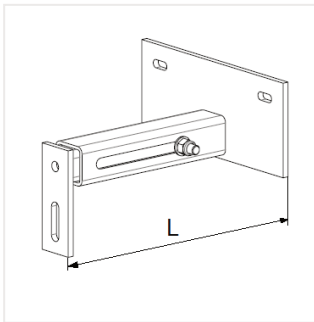


## Bracket for low resistance structure

This bracket is designed for installation of the FABA™ ladder against brickwall. The design ensure a repartition of the forces transmitted to the supporting structure.

- Available with holes for wall fixing:  $\varnothing = 10.5$  mm.
- Supplied with 1x screw kit M12 x 35mm.
- Fixing anchors not included.
- Materials: Galvanised steel or stainless steel.

Model	Length	Construction material	Product Code
Bracket low resistance structure	161 mm	Hot-Dip Galvanised Steel	272797
Bracket low resistance structure	161 mm	Stainless steel 316	272807
Bracket low resistance structure	500 mm	Hot-Dip Galvanised Steel	525567





## Adjustable bracket for low resistance structure


This adjustable bracket is designed for installation of the FABA™ ladder against brickwall. The design ensure a repartition of the forces transmitted to the supporting structure. This adjustable bracket should be used when the distance between the ladder/rail and structure is not constant.

- Available with holes for wall fixing:  $\varnothing = 10.5$  mm.
- Supplied with 1x screw kit M12 x 35mm.
- Fixing anchors not included.
- Materials: Galvanised steel or stainless steel.

Model	Length	Construction material	Product Code
Adjustable bracket low resistance structure	140 - 210 mm	Hot-Dip Galvanised Steel	272847
Adjustable bracket low resistance structure	260 - 390 mm	Hot-Dip Galvanised Steel	272867

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A12

Brackets for rail only for installation on rungs of existing ladders

## Central bracket on round or rectangular rungs

Bracket for installation of the FABA™ A12 rail on the centre of existing round, rectangular or square rungs.

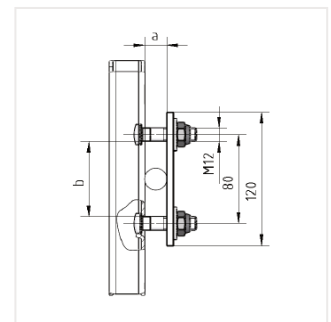
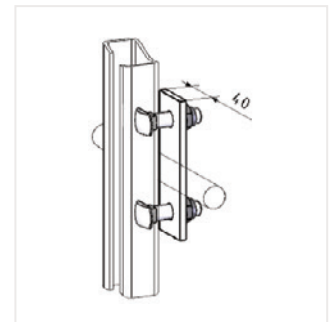
Minimum width of the rungs: 350mm

- Fastening of the FABA™ rail.
- This bracket is suitable for a wide range of different rungs.
  - On round rungs: for a diameter between Ø16mm and Ø40mm
  - On square or rectangular: from 16x16 to 40x65mm

<sup>1)</sup> Supplied with 1x screw kit M12 x 50mm.

<sup>2)</sup> Supplied with 1x screw kit M12 x 65mm.

Model	Product Code
Galvanised 16-25mm 1)	503398
Galvanised 25-40mm 2)	503408
Stainless steel 16-25mm 1)	508817
Stainless steel 25-40mm 2)	508827



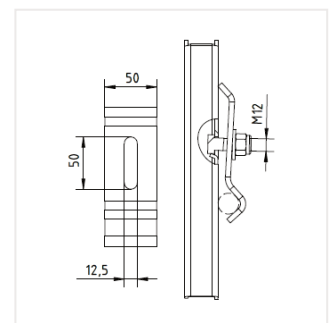
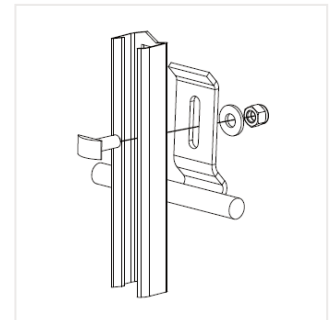
## Central bracket on round rungs


Bracket for installation of the FABA™ A12 rail on the centre of existing round rungs, step irons for example.


Minimum width of the rungs: 350mm


- Fastening of the FABA™ rail.
- The bracket is only suitable for round rungs with a diameter between Ø15 and Ø27 mm.
- Supplied with 1x screw kit M12 x 35mm.

Model	Product Code
Galvanised	508327
Stainless Steel	503528



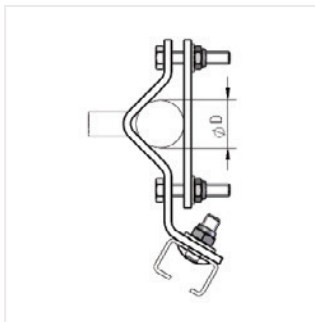
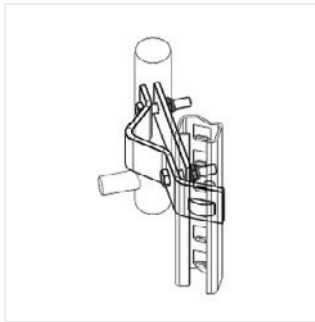
 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A12

Brackets for rail for installation on side bars of existing ladders

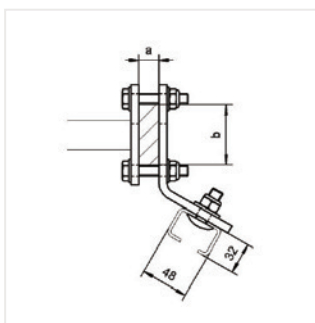
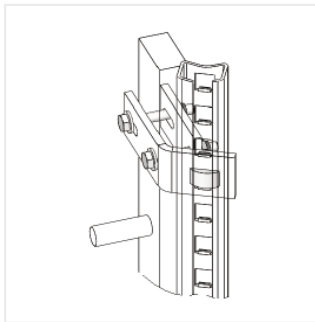


## Installation on round side bars

Bracket for the installation of FABA™ rail on the side profile (which must be round) of an existing ladder.

- Brackets for anchoring FABA™ A12 fall arrest rails.
- Dimensions: 3 different models are available for a diameter between 25mm and 80mm.
- Materials: Galvanised steel and stainless steel.
- Supplied with 1x M12 x 35mm screw kit.

Model	Product Code
Lateral bracket on round side bars, galvanised, Ø25-33mm	503368
Lateral bracket on round side bars, galvanised, Ø34-55mm	504008
Lateral bracket on round side bars, galvanised, Ø56-80mm	508637
Lateral bracket on round side bars, stainless steel, Ø34-55mm	504018
Lateral bracket on round side bars, stainless steel, Ø56-80mm	508647





## Installation on rectangular side bars


- Brackets for anchoring FABA™ A12 fall arrest rails.
- Dimensions: 6 different models are available.
- Materials: Galvanised steel and stainless steel.
- Supplied with 1x M12 x 35mm screw kit.

Each bracket is designed to fit a different side bar size. Dimensions a and b must be checked on the existing ladder to select the corresponding bracket.

Side rail dimension (cm)	b = 40-60mm		b = 61 - 80 mm		b=81-100mm
	Code Galvanised	Code Stainless steel	Code Galvanised	Code Stainless steel	Code Galvanised
6 - 20 mm	503888	503948	503918	503978	513938
21 - 30 mm	503898	503958	503928	503988	513948
31 - 50 mm	503908	503968	503938	503998	513958

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A12

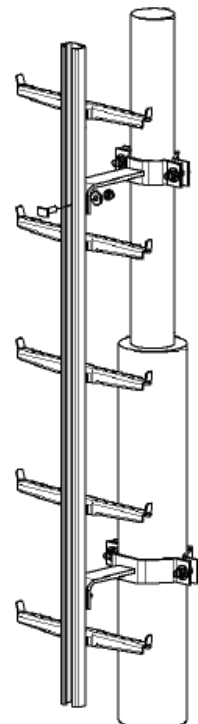
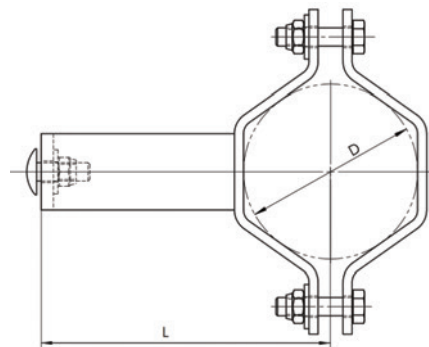
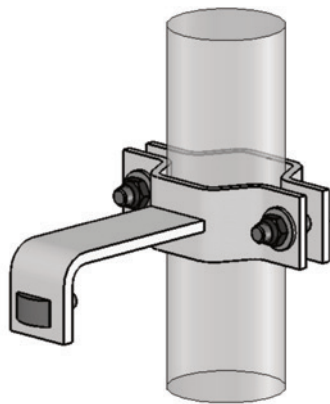
## Brackets

### Bracket for mast

Bracket for FABA™ A12 on mast by means of clamps.

- Composed of two elements:
  - CLAMPS with different diameters D,
  - ARMS of different lengths L (centre of the mast to the back of the rail).
- Including 1 mounting kit M12x35mm
- The length L is always given by the lower diameter of the mast used. This dimension L is decisive for the choice of the other anchorages to be used in the same dimension L of the system.
- Material: Galvanised steel.

Mast diameter (mm)	L: distance between the center of the mast and the ladder (mm)									
	184	190	203	213	217	230	243	255	269	312
Ø 80				506575	506585					
Ø 88.9	503678	506595	506605	506615	506625	506635	503688	506645		
Ø 101.6		503698	506655	506665	506675	506685	506695	506705		
Ø 114.3			506715	503708	506725	503718	503728	503738	506735	
Ø 139.7				503748	506745	503758	503768	503778	503788	
Ø 159					506755	506765	506775	506785	506795	
Ø 168.3						503798	503808	503818	506805	528027
Ø 193.7							503828	506815	506825	
Ø 219.1								503838	506835	528037
Ø 273									272897	272907
Ø 323.9									521507	528007



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# FABA A12

## Rest platform



### Resting platform for ladder

The resting platforms are placed every 12 m or dependent on the building and local standard or law

The device can be folded down to ease passage and has two platforms, each 130 x 300 mm

For FABA A12 ladder systems.

- Distance between rungs min. 280 mm.
- Boltings included. The resting platform is bolted onto the rail, no fastening to the surface is required.

For FABA A12 rail systems :

- For manhole steps in which the FABA™ climbing protection rail has been centrally mounted on the step irons.
- Distance between step irons min. 333 mm.
- For distances between the step irons of 333 mm, the free space on the platform is restricted to 110 mm.

There are no restrictions for 400 mm distances.

- Boltings included. The resting platform is bolted onto the rail, no fastening to the surface is required.

Materials: Galvanised steel and stainless steel.

Model	Product Code
Galvanised steel - Ladder	242095
Stainless steel - Ladder	242135
Galvanised steel - Rail	242255
Stainless steel - Rail	242275



### Resting platform for rail

Resting platform for rails :

- For manhole steps in which the FABA™ climbing protection rail has been centrally mounted on the step irons.
- Distance between step irons min. 333 mm.
- For distances between the step irons of 333 mm, the free space on the platform is restricted to 110 mm.
- There are no restrictions for 400 mm distances.
- The resting platform is bolted onto the climbing protection rail, no fastening to the surface is required.
- The resting platforms are placed every 12 m or dependent on the building and local standard or law.



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

### Straight step-over

The straight step-over ensures the safety until complete disembarkation as the slider remains connected and allow the user to secure themselves before disconnecting the slider:

- Only to be installed on the upper section of an installation.
- Total ladder length 2800 mm, landing height 964 mm.
- Number of rungs: 7.
- Materials: galvanised or stainless steel.

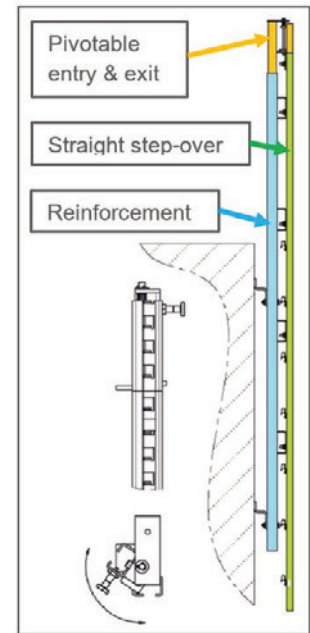
It must include for a ladder installation:

- the ladder extension,
- the reinforcing rail,
- the pivoting entry/exit

and for a rail installation (please ensure that the fall arrest rail is long enough to receive the straight step-over):

- the reinforcing rail,
- the pivoting entry/exit

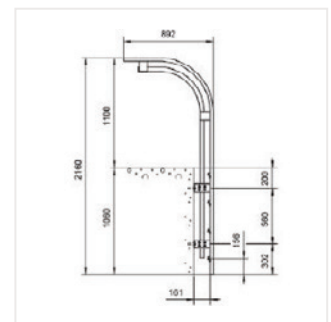
Model	Type	Material	Exit direction	Product Code
Kit Straight step-over	Ladder	Galvanised steel	Right	272407
Kit Straight step-over	Ladder	Hot-Dip Galvanised Steel	Left	272417
Kit Straight step-over	Rail	Galvanised steel	Right	272917
Kit Straight step-over	Rail	Hot-Dip Galvanised Steel	Left	272927
Straight step-over	Ladder	Stainless steel 316	-	500388
Reinforcement	Ladder	Stainless steel 316	-	530347
Pivoting entry/exit	Ladder	Stainless steel 316	Left	530227
Pivoting entry/exit	Ladder	Stainless steel 316	Right	530247
Reinforcement	Rail	Stainless steel 316	-	530367
Pivoting entry/exit	Rail	Stainless steel 316	Left	530267
Pivoting entry/exit	Rail	Stainless steel 316	Right	530287
Reinforcement	Ladder	Galvanised steel	-	530337
Reinforcement	Rail	Galvanised steel	-	530357



### Curved step-over

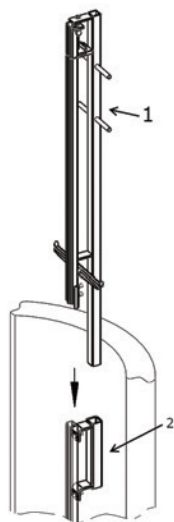
- The curved entry / exit is located at the top of the ladder or fall arrest ladder or rail.
- It facilitates the passage from the ladder to the deck or access.
- Recedes 892 mm into a safe access zone.
- Available for FABA A12 ladder or rail systems.
- Materials: Galvanised steel and stainless steel.

Model	Construction material	Product Code
Galvanised, for ladder, Ø10.5mm	Hot-Dip Galvanised Steel	503468
Galvanised, for ladder, Ø14mm	Hot-Dip Galvanised Steel	525427
Stainless steel, for ladder, Ø10.5mm	Stainless steel 316	503478
Stainless steel, for ladder, Ø14mm	Stainless steel 316	525417
Galvanised, for rail, Ø10.5mm	Hot-Dip Galvanised Steel	503488
Stainless steel, for rail, Ø10.5mm	Stainless steel 316	508237



# FABA A12

## Components



### Confined Access Accessory

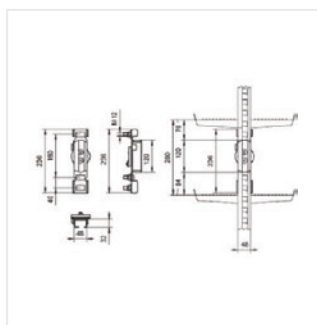
Specially designed for confined access or covered climbing facilities with FABA™ climbing protection A12.

In order to enter a confined access while maintaining an ergonomic, upright body posture, the entry aid is placed on the existing A12 climbing protection system and removed after the work has been completed.

The user is therefore able to secure him/herself while still standing beside the opening to the confined space.

This system may only be used in conjunction with a fixed connection to the climbing protection ladder.

Model	Product Code
Coupling for entry aid	507175
Portable entry aid	507155
Stainless steel bracket	503578



### 90° pivoting entry-exit section

The entry and exit section allows the comfortable insertion and extraction of the FABA™ carriage and must be installed at every position of the climbing facility that is intended to ensure safe release from the climbing protection system (e.g. work platforms).

It should be installed approx. 1000 mm above the standing level.


After its unlocking, the central piece can rotate by 90° and the slider exit laterally.


Vertical movement is blocked while the central piece is turned.


The central piece is locked automatically in the vertical position.

Included in the scope of delivery: 3x mounting screws M12x35mm

Model	Product Code
Galvanised	503498
Stainless steel	503508

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A12

Security against unauthorised ascent (optional)

## Access restriction

The purpose of the access restriction is protecting FABA A12 ladders from unauthorised use.

There are several options depending on the need or location of the system:

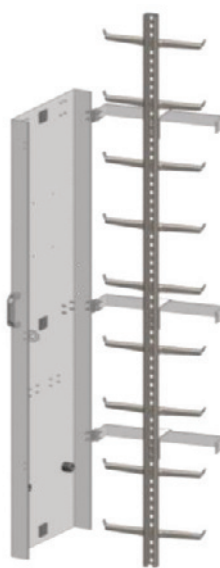
- Cover plate
- Safety door cover
- Butterfly door
- Foldable aluminium ladder for FABA ladder

The last option must combine the rail with mounting hook and the aluminium ladder.

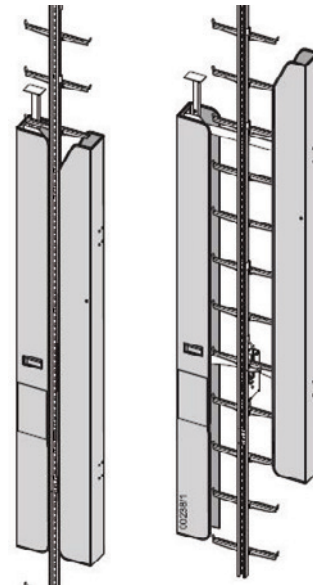
Model	Product Code
Galvanised steel cover plate	209138
Galvanised steel safety door cover	209148
Aluminium foldable ladder	501705
Galvanized rail with mounting hook for foldable ladder	503638
Stainless steel rail with mounting hook for foldable ladder	508577



Steel cover plate



Stell safety door cover



Aluminium butterfly door

## Sign plate

The sign plate is mandatory component of any fall protection system.

It must be installed near the access of the system.

It includes the installation reference, the compatible sliders and the year of installation.

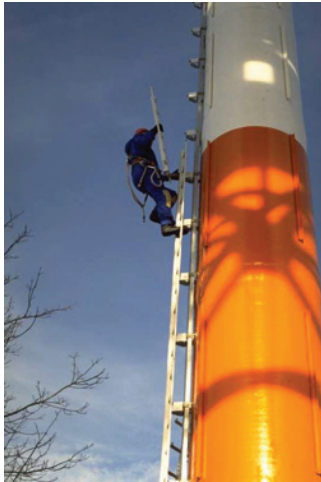
Material: aluminium

Model	Product Code
Sign plate	523897





# Temporary safety ladders



## FABA System AL2 MOBIL

### The FABA AL2 Mobil system

Safety ladder for temporary use on various structure types. The fasteners that accommodate the ladder are permanently fixed. In the standard version, wall and post clamp brackets are supplied for the posts.

#### Features FABA AL2 Mobil:

- Dimensions rail profil (H-shaped): 48 x 65 x 3-6mm
- Material: Anodised aluminum
- Design: Ladder with a central upright or with additional side upright
- Spacing in between stops: 70 mm
- Spacing in between rungs: 280 mm
- Rungs: Straight, inserted and set on the back of the rail
- Ladder width: 414 mm

#### Delivery Tractel:

- Supplied in managable lengths of: 2800, 2520, 2240, 1960 and 1680 mm



## FABA System AL2 MOBIL-F

### The FABA AL2 MOBIL-F system

Designed for access to posts or masts with a circular cross-section. The fasteners are pre-installed on the ladder sections and provided with fastening straps to enable the ladder sections to be tightened and positioned directly on the post or mast.

#### Features FABA AL2 MOBIL-F:

- Dimensions rail profil (H-shaped): 48 x 65 x 3-6mm
- Material: Anodised aluminum
- Design: Ladder with a central upright or with additional side upright
- Spacing in between stops: 70 mm
- Spacing in between rungs: 280 mm
- Rungs: Straight, inserted and set on the back of the rail
- Ladder width: 414 mm

#### Delivery Tractel:

- Supplied in managable lengths of: 1960 and 1680 mm
- Maximum distance between fixings: 1680 mm
- Characteristics of connectors: Automatic release of the upper end stops when fitting the next Ladder section.

For more information about our special applications, please contact Tractel:



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Since 1965, Tractel is offering vertical and horizontal access solutions (FABA systems) based on modular, robust designs.

FABA offers complete solutions and safety rails for safe access to your workplaces at height. A complete range of standard components guarantees a fall protection system according to EN 353-1. FABA fall arrest systems allow safe climbing on

fixed vertical ladders at any height and on horizontal access routes.

**Area of application:** Towers, pillars, lighting or antenna masts, pylons, chimneys.



## FABA System A11

Introduced in 1965, the FABA A11 System is the precursor to the vertical access safety devices. The safety rail and slider designs are symmetrical. The slider can be inserted in either direction in the safety rail.

- Rail profile dimension: 68 x 56 x 2.8mm
- Material: Hot-dipped galvanised steel or stainless steel (1.4571)
- 3 versions of the FABA A11 exist:
  - Ladder with central rail,
  - Ladder with side bars,
  - Central rail or just a rail.
- Distance catching stops: 140 mm
- Distance between rungs: 280 mm
- Rungs: Inclined forward and welded on the back of the rail.
- Ladder width: 408 mm
- Primary Length: 2800 mm
- Maximum distance between fixings: 1960 mm

FABA A11 is particularly well suited for installation on round manhole. The bent rungs (20°) help to reduce the required space for the installation of the ladder and offer more place to the user.

On request, customer made solutions can be designed to fit perfectly to the installation site.

For more information please contact Tractel.



# FABA A11 ladder with fall arrest rail

(EN353-1 / 14122-4)

## Hot-dip galvanised steel version

Number of rungs	Length (cm)	Weight (kg)	Product Code
2	560	4.8	501398
3	840	7.3	502357
4	1120	9.8	502367
5	1400	12.3	501438
6	1680	14.7	501458
7	1960	17.2	501478
8	2240	19.7	501498
9	2520	22.1	502377
10	2800	24.5	502387

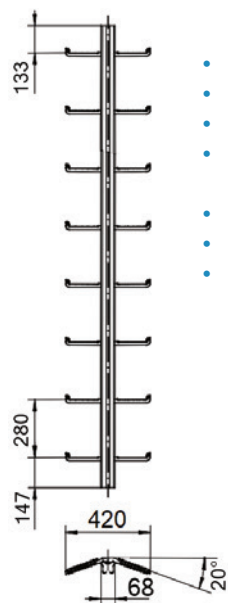
## Stainless steel version

Number of rungs	Length (cm)	Weight (kg)	Product Code
3	840	7.3	501418
4	1120	9.8	501428
5	1400	12.3	501448
6	1680	14.7	501468
7	1960	17.2	501488
8	2240	19.7	501508
9	2520	19.7	501518
10	2800	24.5	501528

## Ladder with release facility

Model	Length (mm)	Weight (kg)	Product Code
Hot dip galvanised	1680 mm	14.3	501638

Model	Length (mm)	Weight (kg)	Product Code
Stainless steel	1680 mm	14.3	501658



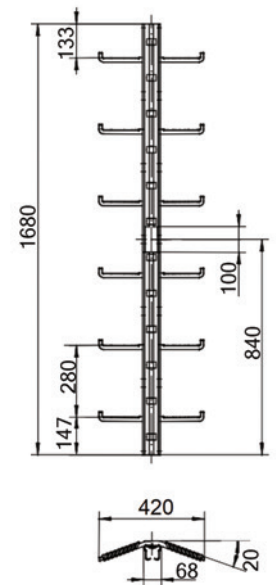
### FABA A11 ladder with fall arrest rail.


- Available in various lengths from 840 to 2800 mm.
- Distance between rungs 280 mm.
- Catching cut-outs in fall arrest rail every 140 mm.
- The rungs are forged from solid steel and welded to the back of the rail. They have a profiled tread and 20 mm high slip-off pins
- Rungs 170 mm wide on each side bent at 20°
- Material: Hot-dip galvanised steel or stainless steel
- Standard: EN 353-1, BGV D36, DIN 18799-2


### Ladder with release facility


The ladder with release facility enables the comfortable insertion and retrieval of the FABA slider at the lower end of the ladder.

The installation of a detachable catch above the release is mandatory to prevent any involuntary retrieval of the slider.



 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A11 ladder with side bars and fall arrest rail

(EN353-1 / 14122-4)

## Hot-dip galvanised steel version

Number of rungs	Length (mm)	Weight (kg)	Product Code
4	1120	12.4	501718
5	1400	15.5	501738
6	1680	18.6	501758
7	1960	21.7	501798
10	2800	31.1	501858

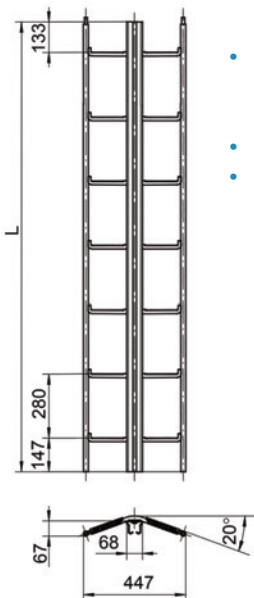
## Stainless steel version

Number of rungs	Length (mm)	Weight (kg)	Product Code
4	1120	12.4	501728
5	1400	15.5	501748
6	1680	18.6	501778
7	1960	21.7	501808
10	2800	31.1	501868

## Ladder with side bars and release facility

Model	Length (mm)	Weight (kg)	Product Code
Hot dip galvanised	1680	18.6	512918

Model	Length (mm)	Weight (kg)	Product Code
Stainless steel	1680	18.6	512928



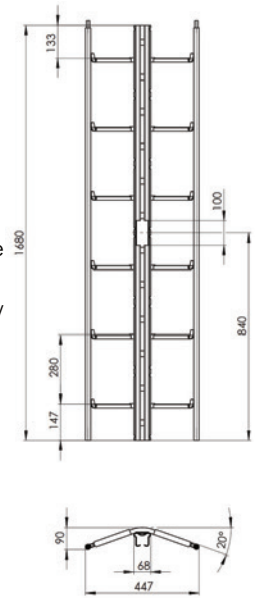
### FABA A11 with side bars and fall arrest rail

- In addition to the all specifications of the standard FABA A11 ladder, the version includes sidebars. This version is recommended when the rungs cannot be used as climbing aids for the hands.
- Available in various lengths from 1120 to 2800 mm.
- Material: Hot-dip galvanised steel or stainless steel

### Ladder with release facility

The ladder with release facility enables the comfortable insertion and retrieval of the FABA slider at the lower end of the ladder.

The installation of a detachable catch above the release is mandatory to prevent any involuntary retrieval of the slider.



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Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

# FABA A11 fall arrest rail

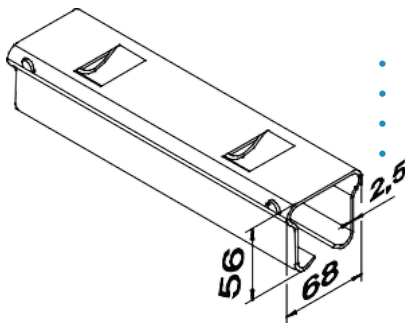
(353-1 / 14122-4)

## Rail made in hot-dip galvanised steel.

Model	Length (mm)	Weight (kg)	Product Code
4	1120	4.3	500198
5	1400	5.3	500208
6	1680	6.4	500218
7	1960	7.5	500228
10	2800	10.8	503335


## Rail made in stainless steel


Model	Length (mm)	Weight (kg)	Product Code
3	840		500278
4	1120	4.3	500288
5	1400	5.3	500298
6	1680	6.4	500308
7	1960	7.5	500318
10	2800	10.8	500348




### FABA A11 fall arrest rail.

- Available in various lengths from 1120 to 2800 mm. .
- Catching cut-outs in fall arrest rail every 140 mm.
- Material: stainless steel 1.457 (316 Ti).
- Standard: EN 353-1, BGV D36, DIN 18799-2.

 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

### FABA Klassik 150kg

We are introducing the new slider FABA Klassik 150kg. It is an upgrade to the actual FABA Klassik. This new version conforms to the latest applicable standard EN 353-1 and to the European Regulation 2016/425 and is certified for a user weighing up to 150kg.

This slider is a part of the process of upgrading our range of PPE fall protection products and an extension of the FABA range.

The slider is certified and compatible with the rail and ladder of FABA A11 galvanized steel or stainless steel its related accessories.

This rigid vertical fall arrester is tested to stop the fall of one operator, with its tools and equipment, weighing up to 150 kg. It enables several operators to work in safety (each operator having his own FABA Klassik slider) if there are no more than two operators within 10m and at least 3m between them.

In order to provide protection for the user up to the maximum allowed weight, all the products of the system must be HIGH CAPACITY RANGE 150 KG (Please note: The component with the lowest capacity always determines the maximum capacity of the entire fall arrest system.)



Model		Product Code
FABA Klassik M10		514208
FABA Klassik - M23	N	514218

### Harness HT120

#### EN361



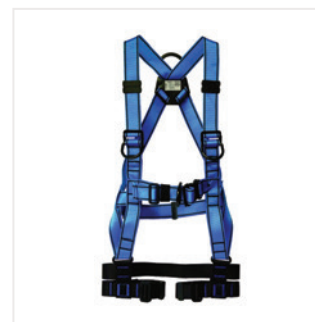
Harness designed for movement (up or down) on structures equipped with an EN 353.1 rail or cable fall arrester device equipped with an approved fall arrest umbilical anti-fallback system attachment point.

The HT120 harness is equipped with an approved fall arrest umbilical attachment point. This attachment point, while being fall arrest approved, provides comfortable support going up or down. HT 120 is the only harness on the market that offers this type of attachment point.

The HT120 harness is particularly adapted for climbing on ladders equipped with a rail-mounted FABA type fall arrester, whether or not including a tractelift climbing aid system.

It's patented design prevents the user from falling backwards in the event of a fall, eliminating the risk of serious back injuries

- 1 dorsal attachment point.
- 2 thoracic attachment points.
- 1 umbilical attachment point.



	S	M	XL
HT120 - Standard Buckles	61702	61712	61722



Order products on day 1, will be shipped no later than day 2,



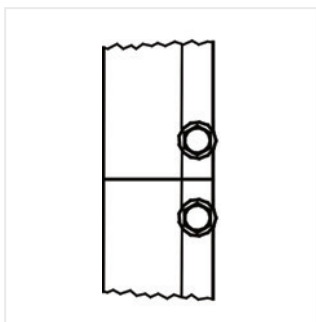
Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



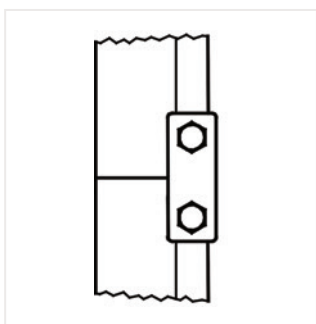
Available on request. Please enquire about delivery times of these items.

# FABA A11

## Components



Type 1



Type 2

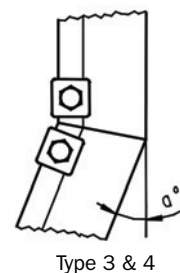
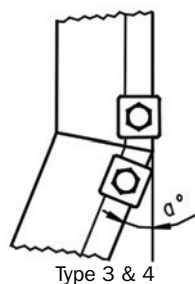
## FABA A11 joint connector

Joint connector between FABA A11 ladders or rails.

Materials: stainless steel.

4 different type of connectors is existing depending on the configuration of the installation.

Model	Type	Product Code
Straight connection	1	507197
Straight connection with lightning discharge	2	507307
Connection angle between 5° and 15°	3	503258
Connecteur d'angle entre 15° et 25°	4	503278

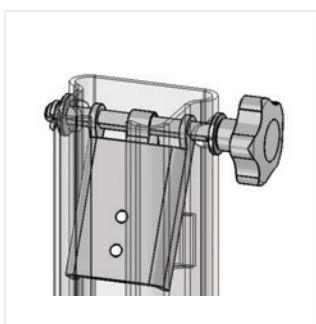


## FABA A11 catch

Catches must be installed on all the entry and exit points of the rails in order to prevent unwanted exiting of a FABA slider.

2 types of catch exit:

- Detachable catches must be installed in those locations where the carriage is to be removed.  
The catch must be manually unlocked and then automatically closes (spring)
- Permanent catches must be installed in those locations where the carriage is not to be removed.



Model	Product Code
Loquet détachable	523597
Permanent catch	523617



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Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



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# FABA A11

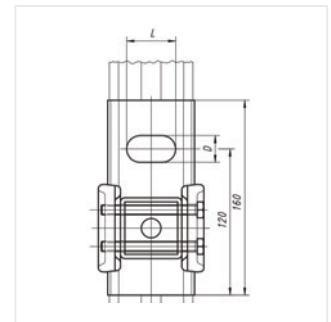
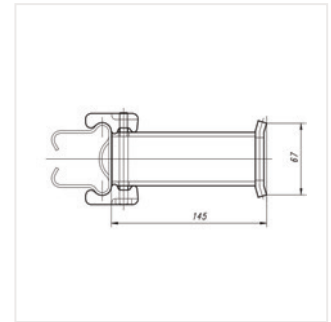
## Square bracket

### Square tube bracket type I

The square tube bracket is designed for installation of the FABA ladder to a concrete or steel structure.

- Bracket spacing max. 2000 mm.
- Installation structure must be reinforced concrete at least B 25 (observe edge distances and wall thickness).
- Suitable for straight or round surfaces.
- Only use anchors approved by the building authorities.
- Materials: Galvanised steel or stainless steel.

Model	Oblong size D x L (mm)	Material	Product Code
Square tube bracket	22x40	Galvanised steel	502208
Square tube bracket	20x40	Galvanised steel	502228
Square tube bracket	13.5x40	Galvanised steel	502248
Square tube bracket	10.5x40	Galvanised steel	502268
Square tube bracket	22x40	Stainless steel 316	502218
Square tube bracket	20x40	Stainless steel 316	502238
Square tube bracket	13.5x40	Stainless steel 316	502258
Square tube bracket	10.5x40	Stainless steel 316	502278

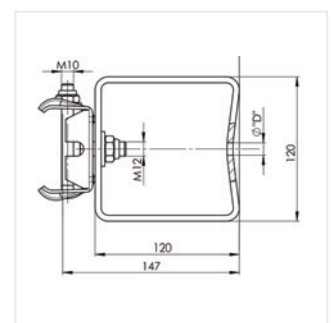
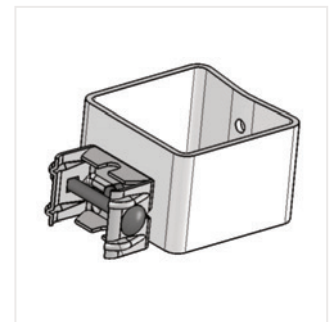


### Square tube bracket type 2

The square tube bracket is designed for installation of the FABA ladder to a concrete or steel structure.

- Bracket spacing max. 2000 mm.
- Installation structure must be reinforced concrete at least B 25 (observe edge distances and wall thickness).
- Suitable for straight or round surfaces.
- Only use anchors approved by the building authorities.
- Materials: Galvanised steel or stainless steel.

Model	Material (mm)	Ø fixing hole	Product Code
Square tube bracket	Ø10.5	Galvanised steel	503047
Square tube bracket	Ø13	Galvanised steel	502068
Square tube bracket	Ø17	Galvanised steel	502088
Square tube bracket	Ø21	Galvanised steel	502108
Square tube bracket	Ø25	Galvanised steel	502128
Square tube bracket	Ø10.5	Stainless steel 316	503057
Square tube bracket	Ø13	Stainless steel 316	502078
Square tube bracket	Ø17	Stainless steel 316	502098
Square tube bracket	Ø21	Stainless steel 316	502118
Square tube bracket	Ø25	Stainless steel 316	502138



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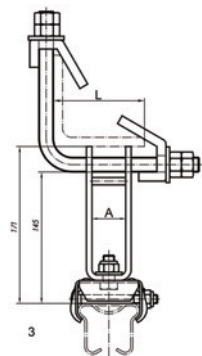
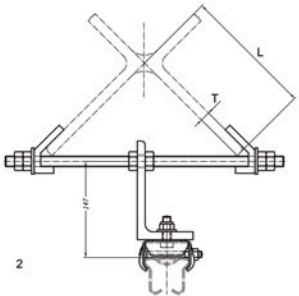
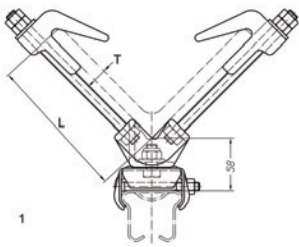
Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.



# FABA A11

Brackets for corner profile and steel lattice mast

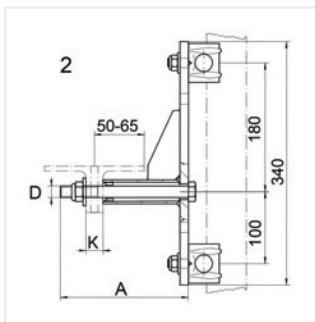
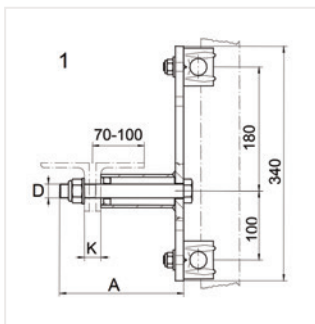


## Bracket for corner profile

- Fastening of the FABA ladder to a corner profile.
- Select the corresponding bracket according to the dimensions of the corner profile.
- For corner profiles between 80 x 80mm up to 250 x 250mm
- For X profile between 160 x 160mm and 200 x 200mm

Model	Type	Length (mm)	T (mm)	Weight (kg)	Product Code
Central installation	1	80 - 110	6 - 10	0.7	503128
Central installation	1	120 - 140	12 - 13	0.8	503138
Central installation	1	150 - 160	15	0.9	503148
Central installation	1	180 - 250	18 - 24	1	503158
Support/console en X	2	160 - 180	15 - 16	1.1	503188
Bracket X profile	2	200	15 - 24	1.2	503178

Model	Type	Length (mm)	A (mm)	Weight (kg)	Product Code
Lateral installation	3	100	37	0.9	506427
Lateral installation	3	110 - 150	37	1	503168
Lateral installation	3	160 - 200	70	1.1	506437
Lateral installation	3	210 - 250	70	1.2	506447



## Bracket for lattice mast

- Fastening of the FABA ladder to a corner profile (e.g. a steel lattice mast).
- Select the corresponding bracket according to the dimensions of the corner profile.
- For corner profiles between 80 x 80mm up to 250 x 250mm
- For X profile between 160 x 160mm and 200 x 200mm

Model	Type	Length (mm)	A	K	D	Weight (kg)	Product Code
Lattice bracket	1	70-100	180	15 - 43	M16	3.8	502508
Lattice bracket	1	70-100	180	12 - 39	M20	4	502518
Lattice bracket	1	70-100	180	12 - 34	M24	4.2	502528
Lattice bracket	1	70-100	180	12 - 31	M27	4.5	502538
Lattice bracket	1	70-100	200	36 - 60	M16	3.9	502458
Lattice bracket	1	70-100	200	28 - 55	M20	4.1	502558
Lattice bracket	1	70-100	200	20 - 50	M24	4.3	502568
Lattice bracket	1	70-100	200	14 - 50	M27	4.5	502578
Lattice bracket	2	50-65	180	15 - 43	M16	3.8	502598
Lattice bracket	2	50-65	180	22 - 47	M12	3.7	502588
Lattice bracket	2	50-65	180	12 - 39	M20	4	502608

# FABA A11

Brackets for ladder and rail

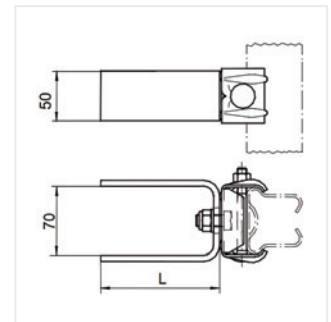
## U bracket for welding

For welding on steel structure by certified welder. Protected against corrosion after welding.

Lengths between 121 and 500mm must be specified at the order.

Mounting clamp and screw set must be ordered separately.

Model	Length (mm)	Product Code
Stainless steel, untreated	120	504067
Stainless steel, untreated L121-305	121 - 305	502788
Stainless steel, untreated L306-400	306 - 400	502808
Stainless steel, untreated L401-500	401 - 500	502818
Steel, untreated	120	504057
Steel, untreated L121-305	121 - 305	502778
Steel, untreated L306-400	306 - 400	502798
Steel, untreated L401-500	401 - 500	502828
Metal sheet	-	502827
Mounting screws M12x30 stainless steel	-	507257

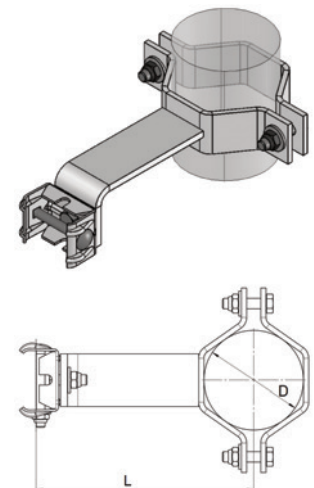


## Bracket for round mast

Bracket for round mast, made on demand. Includes 1 clamp.

Material: galvanised steel or stainless steel

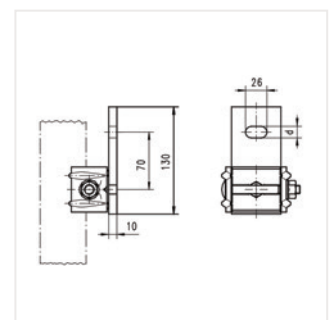
Model	Diameter (cm)	Length (mm)	Material	Product Code
D114.3 - L249 - G	114.3	249	Hot-Dip Galvanised Steel	525957
D139.7 - L190 - G	139.7	190	Hot-Dip Galvanised Steel	526617
D146 - L220 - G	146	220	Hot-Dip Galvanised Steel	529987
D159 - L390 - G	159	390	Hot-Dip Galvanised Steel	527087
D231 - L240 - G	231	240	Hot-Dip Galvanised Steel	523837
D241 - L240 - G	241	240	Hot-Dip Galvanised Steel	523827
D244.5 - L202 - G	244.5	202	Hot-Dip Galvanised Steel	524267
D265 - L279 - G	265	279	Hot-Dip Galvanised Steel	523637
D300 - L325 - G	300	325	Hot-Dip Galvanised Steel	521727



## Bracket for shaft

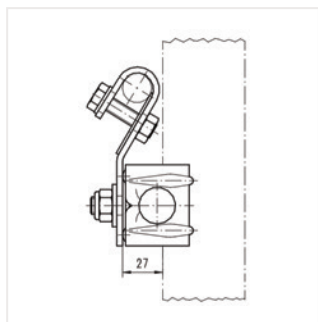
Bracket dedicated for installation in shaft with limited dimension

Model	Diameter d (mm)	Weight (kg)	Product Code
Galvanised	Ø10.5	0.8	503198
Galvanised	Ø14	0.8	503208
Stainless steel	Ø10.5	0.8	506667
Stainless steel	Ø14	0.8	503218



# FABA A11

Bracket for rail



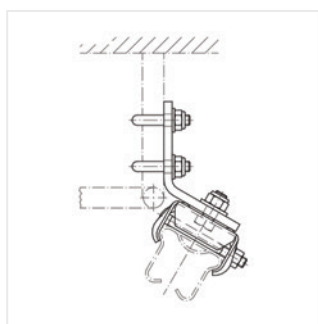
## Bracket centrally mounted on step iron

Only for single step iron

Diameter of the step iron between 19 and 22 mm. For step iron with a diameter of more than 20 mm, the spacer is removed during installation.

Installation on the middle of existing step irons

Model	Construction material	Weight (kg)	Product Code
Step iron bracket	Stainless steel 316	0.7	503187



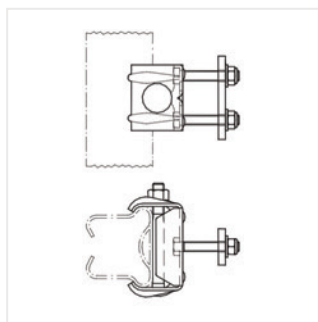
## Bracket mounted sideways on step iron

Only for single step iron

Diameter of the step iron between 19 and 22 mm. For step iron with a diameter of more than 20 mm, the spacer is removed during installation.

Installation on the side of existing step irons

Model	Construction material	Weight (kg)	Product Code
Lateral step iron bracket	Hot-Dip Galvanised Steel	1.2	503038
Lateral step iron bracket	Stainless steel 316	1.2	503048




## Central bracket on rungs


For bracket spacing, see leaflet BGi 691 (old ZH 1/604).


Clamping range up to 60 mm.

Installation on the rungs of an existing ladder.

Model	Rungs diameter (mm)	Weight	Material (kg)	Product Code
Bracket 30mm	30	Stainless steel	0.7	503477
Bracket 40mm	40	Stainless steel	0.7	502308
Bracket 50mm	50	Stainless steel	0.7	502318
Bracket 60mm	60	Stainless steel	0.7	503328
Bracket 30-60mm	30-60	Stainless steel	0.4	502888

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A11

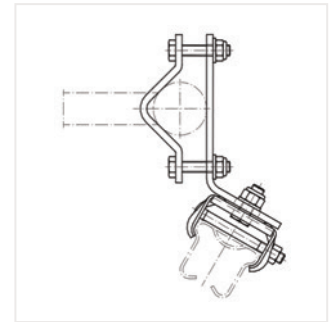
Brackets for rail for installation on side bars of existing ladders

## Installation on round side bars

Bracket for the installation of FABA rail on the side profile (which must be round) of an existing ladder.

- Brackets for anchoring FABA A11 fall arrest rails.
- Dimensions: 3 different models are available for a diameter between 33mm and 80mm.
- Materials: Galvanised steel and stainless steel.
- Supplied with 1x clamp

Model	Product Code
Lateral bracket on round side bars, galvanised, Ø33-50mm	503058
Lateral bracket on round side bars, galvanised, Ø60-80mm	505457
Lateral bracket on round side bars, stainless steel, Ø34-55mm	503068
Lateral bracket on round side bars, stainless steel, Ø60-80mm	505467

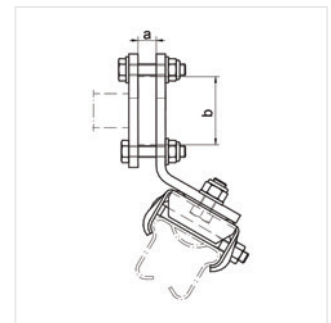



## Installation on rectangular side bars


- Brackets for anchoring FABA A12 fall arrest rails.
- Dimensions: 6 different models are available.
- Materials: Galvanised steel and stainless steel.
- Supplied with 1x M12 x 35mm screw kit.


Each bracket is designed to fit a different side bar size. Dimensions a and b must be checked on the existing ladder to select the corresponding bracket.

Side rail dimension (cm)	Galvanised	Stainless steel	Galvanised	Stainless Steel	Galvanised
	Code	Code	Code	Code	Code
a	b = 40-60mm	b = 40-60mm	b = 61 - 80 mm	b = 61 - 80 mm	b=81-100mm
6 - 20 mm	503888	503948	503918	503978	513938
21 - 30 mm	503898	503958	503928	503988	513948
31 - 50 mm	503908	503968	503938	503998	513958



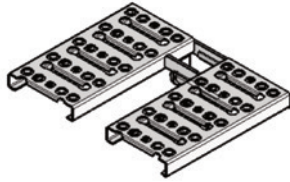
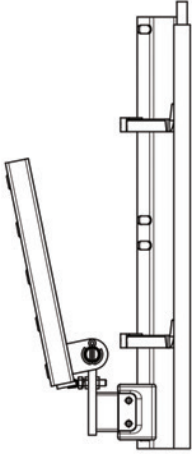
 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A11

Rest platform



## Pivotable rest platform

- For FABA A11 climbing protection ladders or rail (centrally installed on existing rungs).
  - The platform pivots behind the ladder or rungs
- The platform is clamped to the rail, no fastening to the structure required.

Materials: Galvanised steel and stainless steel.

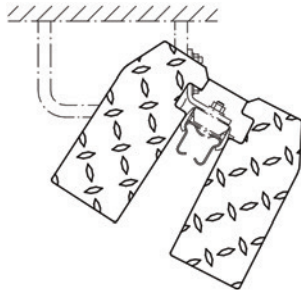
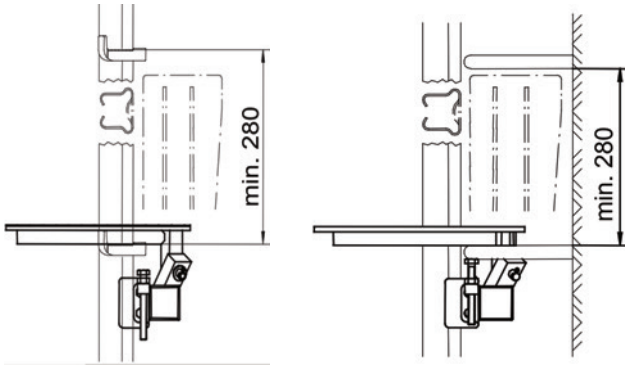
Model	Product Code
Galvanised for ladder	526507
Stainless steel for ladder	527097
Galvanised for rail	528317

## Foldable rest platform


- For all FABA A11 climbing protection ladders, and rail installed centrally on the rungs (minimum distance of 280mm between rungs needed).
- For all FABA A11 climbing protection rails installed on side of step irons Only with bracket: 503038 or 503048.


The platform is clamped to the rail, no fastening to the structure required.


Materials: Galvanised steel and stainless steel.



Model	Weight (kg)	Product Code
Galvanised	8	507465
Stainless steel	7.5	507455

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

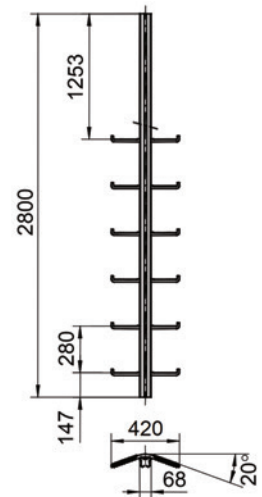
# FABA A11

## Step-overs

### Straight step over

- Stepping over onto a platform at the top of an access ladder, e.g. grating platform with folding grating.
- The climbing protection ladder has no rungs at the top.
- The step-over is fixed to the structure with at least 2 brackets.
- Always install a detachable catch at the upper end.
- Order detachable catch separately.

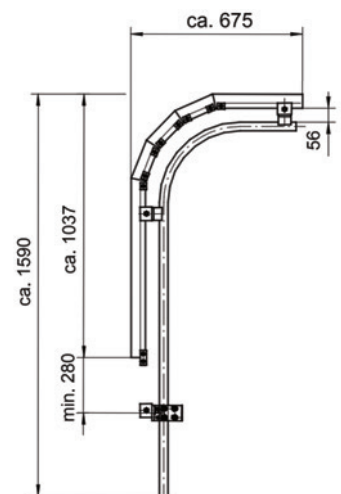
Model	Weight (kg)	Product Code
Galvanised version	19	501648
Stainless steel version	19	501668



### Curved step over

- Climbing over to a standing surface at the top of a ladder, e.g. climbing over to the roof.
- The curved step-over is fixed to the structure with a bracket.
- Always install a detachable catch at the upper end.
- Order detachable catch separately.

Model	Weight (kg)	Product Code
Galvanised version	15.5	504228
Stainless steel version	15.5	504238





### Straight step over with sidebars


- Stepping over onto a platform at the top of an access ladder, e.g. grating platform with folding grating.
- The climbing protection ladder has no rungs at the top.
- The step-over is fixed to the structure with at least 2 brackets.
- Always install a detachable catch at the upper end.
- Order detachable catch separately.

Model	Weight (kg)	Product Code
Galvanised version	19	501768
Stainless steel version	19	501788



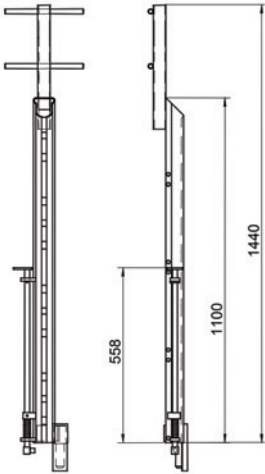
 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# FABA A11

## Components



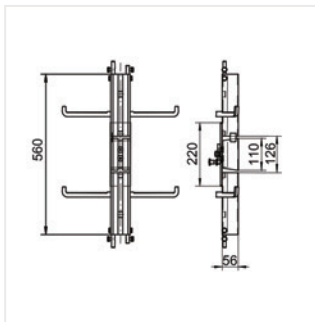
### Confined Access Accessory

Specially designed for confined access or covered climbing facilities with FABA™ climbing protection A11.

In order to enter a confined access while maintaining an ergonomic, upright body posture, the entry aid is placed on the existing A11 climbing protection system and removed after the work has been completed. The user is therefore able to secure him/herself while still standing beside the opening to the confined space.

This system may only be used in conjunction with the dedicated coupling or connector.

Model	Product Code
Portable entry aid	503805
Coupling for entry aid	508245
Connector	509437



### 90° pivoting entry-exit section

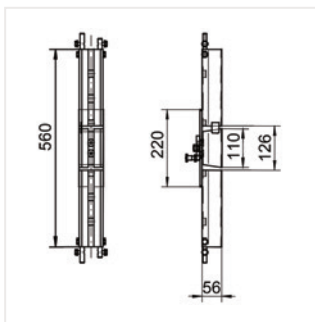
The pivoting entry and exit allows an easy insertion and retrieval of the slider. It can be installed at any point of the climbing walkway where a safe release from the climbing protection is guaranteed (e.g. platforms).

It should be positioned approx. 1100 mm above the stand surface.

The rail centre section can be turned by 90° and the slider can be retrieved on the side.

Straight connectors are pre-mounted at each end of the component.

The pivoting entry and exit must be fastened to the structure with a bracket.



Model	Length (mm)	Weight (kg)	Product Code
Galvanised for ladder	560	4.9	508847
Stainless steel for ladder	560	4.9	504078
Galvanised for rail	560	3.4	504108
Stainless steel for rail	560	3.4	504118

# FABA A11

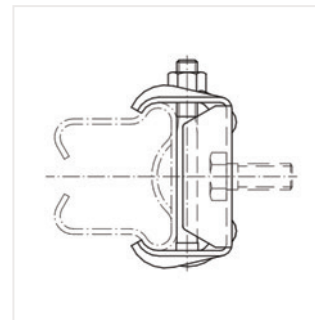
## Components

### Clamp

Fixing clamp for FABA A11.

Screw set must be ordered separately.

Model	Product Code
Metal sheet	502827
Mounting screws M12x30 stainless steel	507257

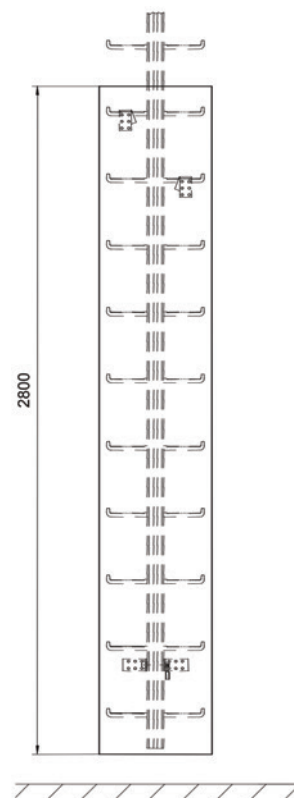


### Access restriction

The purpose of the access restriction is to have an element that makes it impossible for unauthorised personnel to access the fall arrest system.

Material: Aluminium.

Model	Weight (kg)	Product Code
Aluminium cover plate	11.2	508145



### Sign plate

The sign plate is mandatory component of any fall protection system.

It must be installed near the access of the system.

It includes the installation reference, the compatible sliders and the year of installation.

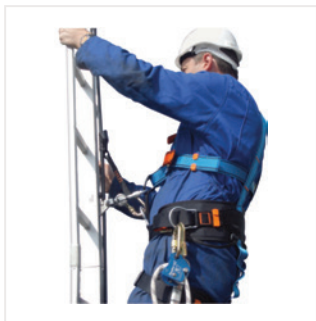
Material: aluminium

Model	Product Code
Sign plate	523887





# Tractelift



The Tractelift is a climb assist system that relieves the weight of single or multiple climbers while ascending and descending the ladder. The Tractelift gives traction relief in an adjustable pulling force up to 90 lbs (40 kg).

The Tractelift is easy to install, offers a continuous run rope loop and can fit onto virtually any kind of vertical ladder. With an adjustable clutch allowing the user to choose their own pulling force, this feature gives the Tractelift more advantages over the competition. The Tractelift can be fitted with a fixed or detachable motor, depending on the user's preference.

**THE Tractelift IS NOT FALL ARRESTER EQUIPMENT.**

For more information about our special applications, please contact Tractel:



# Confined space access



# Confined access range



## Davitrac - Davit arm



- Permanent anchor point (2 users of 150 kg each), compatible for working suspended on rope
- Lifting anchor point complying with machinery standards 2006/42/CE - WLL : 500 kg
- Permanent or semi-permanent installation
- Manual or motorised lifting
- Several bases available

## Davimast - Anchor mast



- Permanent anchor point (2 users of 150 kg each)
- Lifting anchor point complying with machinery standards 2006/42/CE - WLL : 250 kg
- Permanent or semi-permanent installation
- Manual
- Compatible with davitrac bases

## Tracpode - Tripod



- Material and people lifting (compatible for work in suspension)
- 150 kg people / WLL 500 kg material
- Semi-permanent installation
- Rugged mobile solution
- Manual and motorised

## Tracrod - Anchor rod



- Permanent anchor point (150 kg)
- Semi-permanent installation
- Manual

## FABA - Ladder with integrated fall arrest



# Confined Access configurator

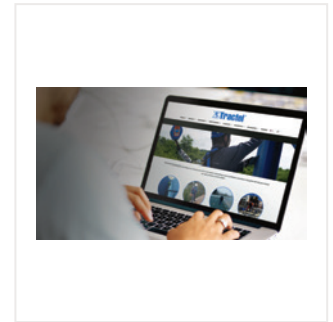
Solution provider for confined access

Tractel®'s experience puts it at the forefront of providing safe, reliable and easy-to-use equipment for installation and maintenance.

A complete product range, combined with extensive expertise and experience in compliance to standards, as well as an online solution configurator make Tractel® the perfect partner.

To guide you in choosing the right solution for your needs, we have developed a **dedicated Confined Space Configurator**. Depending on your application, our special configurator will help you choose the right solution to work safely in confined spaces.

As safety in confined spaces is a key challenge, trust the experts for safe and unique solutions; Trust Tractel®.



## Confined space solutions

**Not sure what you need?**

Tractel® will analyse your situation in order to propose the best solution.

[Product selection](#)

**Already know your ideal solution?**

If you already know what product you need, you can configure it according to your confined access needs.

[Configure & quote](#)

**Want to view the complete Tractel® range?**

You can view all Tractel® products related to the Confined Space range to learn more about each product.

[View Catalogue](#)

Scan this QR Code, discover our configurator and find the best solution for your need.



# Davitrac

Davit arm for confined space entry, safe lifting solution

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## EN795 & Machine directive 2006/42/CE

The Davitrac is a complete solution for safe vertical lifting of personnel and material in confined space situations.

Mobile and efficient solution for confined space situations.

It offers protection and total mobility for two people simultaneously, during work involving risk of falling

Its compatibility with the Tractel tool range allows a large number of possible configurations.

### Technical characteristics:

- Weight: 30 kg (without accessories & bases)
- Anchor points for fall arresters (2 users): 150kg each
- Maximum load capacity (materials): WLL 500 kg
- 360° rotating mast (with locking every 90° or 180° when using H-Base)

### Standards:

- Individual protection of operators against falls (EN 795 Class A and/or B + EN 360)
- CEN/TS 16415:2013 (Fall arrest for 2 users).
- EN 1496
- Machine Directive 2006/42/CE (Material lifting).

### Compatibles applications:

- Rescue
- Confined spaces access
- Rope works
- Manholes
- Pits
- Sewer access
- Pipes
- Oil and gas
- Civil engineering
- Industry
- Wind and solar installation

Model	Material	Weight (kg)	Product Code
Davitrac	Aluminium	29.5	286819
Transport bag	Textile	0.5	84582





The trolley for Davitrac – Davimast is designed for the safe and ergonomic transport of davitrac or davimast confined-space anchor points to the working area. It can be used by one operator easily, reducing the amount of effort required.


It is made of carbon steel, coated with an anti-corrosion painting. On the inner part of the transport arm there is a silicon layer, to protect the painting and reduce the risk of scratching and wearing.

It has two independent rubber wheels, which allows its operation on any type of ground.

Model	Product Code
Trolley for Davitrac / Davimast	210618

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Davitrac

Several solutions with Tractel® product range

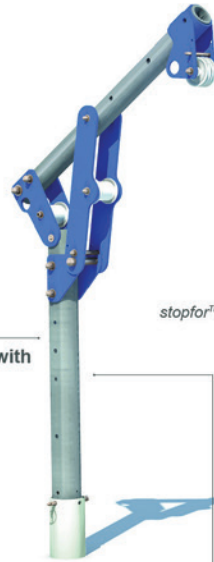
For lifting materials and rescuing people



- Manual winches (caRoI™)
- Motorised winches (caRoI™)
- Complete with bracket



- Hand-operated wire rope hoist with stirrup adapter (scafor)
- Complete with bracket



- Fall arresters on a flexible anchor line (stopfor™)
- Controlled speed descent evacuation system (derope™)



- Automatic fall arresters with integrated winch (blocfor™ R)
- Complete with bracket

Material handling without height limitation

- Traction hoists (tirak™)
- Lifting hoists (minifor™)
- Manual chain hoists (tralift™)



Perfectly suitable for rescuing people



# Davitrac

Adapters

## Permanent adapters for Davitrac

### Permanent adapters



Mounted floor adapter



Clearance mural adapter



Flush floor adapter



Wall mounted adapter

Model	Material	Weight (kg)	Product Code
Mounted floor adapter	Galvanised Steel	12.7 kg	210108
Clearance mural adapter	Galvanised Steel	18.7 kg	210128
Flush floor adapter with protective cap	Galvanised Steel	10.7 kg	210138
Wall mounted adapter	Galvanised Steel	13.7 kg	210118
Mounted floor adapter   Stainless steel	Stainless Steel	13.4 kg	218008
Clearance mural adapter   Stainless steel	Stainless Steel	15.6 kg	218018
Protective cap for adapters	Plastic	0.2 kg	294129

## Portable H base self-stabilizing for Davitrac

Model	Material	Weight (kg)	Product Code
Portable H base self-stabilizing	Aluminium	53 kg	210098



● Order products on day 1, will be shipped no later than day 2.

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

○ Available on request. Please enquire about delivery times of these items.

## Blocfor with bracket for Davitrac

### EN360 - EN1496

Automatic fall arrester (**EN360**) with rope (galvanised or stainless steel), with integrated winch rescue (**EN1496**).

Can be easily integrated on the davitrac, without tools.

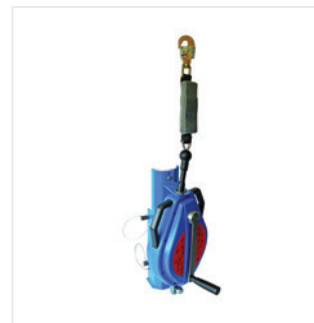
Allows to secure an operator up to 150 kg, equipped with his tools.

- Integrate winch : Automatic fall protection device with integrated winch for ascending or descending during a possible rescue operation.
- Shock-absorption system ESD : is also a fall indicator, eliminating the risk of using the device after a fall. It ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.
- The Blocfor cable is guided by equipped pulleys with an anti-jump cable fixed on the head of the davitrac.

Model	Weight (kg)	Length (cm)	Product Code
Blocfor 20R galva ESD with bracket for Davitrac - 150kg range	15.6	18	84122
Blocfor 20R inox with bracket for Davitrac - 100kg range	15.6	18	84132
Blocfor 30R galva ESD with bracket for Davitrac - 150kg range	24	30	84142
Blocfor 30R inox with bracket for Davitrac - 100kg range	24	30	84152



Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## CaRol R with bracket for Davitrac

### EN1496 - Directive 2006/42/CE

Rescue winch compliant with **EN 1496**, with a maximum load of 150 kg.

Carol R winch 150kg also meets the requirements of hoisting winches with a maximum load of 250 kg (**Directive 2006/42/CE**).

Can be easily integrated on the Davitrac, without tools.

Allows to secure an operator up to 150 kg, equipped with his tools. Can also be used for lifting materials with a capacity of 250kg.

- Available cable lengths of 20m and 30m
- The winch cable is guided by equipped pulleys with an anti-jump cable fixed on the head of the Davitrac.

Model	Weight (kg)	Product Code
CaRol R 250kg with 20m of galvanized cable and bracket for Davitrac	28.9	286949
CaRol R 250kg with 30m of galvanized cable and bracket for Davitrac	36.1	286959



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.



# Davitrac

Accessories: safety & rescue

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## Scafor with bracket for Davitrac

### EN1496 - Directive 2006/42/CE

Rescue winch compliant with **EN 1496**, with a maximum load of 150 kg.

Scafor also meets the requirements of hoisting winches with a maximum load of 500 kg (**Directive 2006/42/CE**).

Can be easily integrated on the davitrac, without tools.


Allows to secure an operator up to 150 kg, equipped with his tools. Can also be used for lifting materials with a capacity of 500kg. Thanks to its pass-through cable winch technology, it permits the installation of very long cables of more than 30m.


- The Scafor cable is guided by equipped pulleys with an anti-jump cable fixed on the head of the Davitrac.


*To secure the work of an operator on a length greater than 30m, use a Stopfor fall arrester with a suitable length of rope.*

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.

Model	Weight (kg)	Product Code
Scafor R 500kg without cable - with bracket for Davitrac	13.6	293019
Galvanized wire rope - Ø 6, 5mm - 20m - equipped with M47 - for Scafor	5	245899
Galvanized wire rope - Ø 6, 5mm - 30m - equipped with M47 - for Scafor	6.8	245909
Galvanized wire rope - Ø 6, 5mm - 40m - equipped with M47 - for Scafor	8.6	245919
Galvanized wire rope - Ø 6, 5mm - 50m - equipped with M47 - for Scafor	10.5	245929
Galvanized wire rope - Ø 6, 5mm - 60m - equipped with M47 - for Scafor	12.3	286929
Galvanized wire rope - Ø 6, 5mm - 70m - equipped with M47 - for Scafor	14.1	286939

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Davitrac

Accessories : lifting

## CaRoI TS 500 - lifting materials - with 18m of galvanized cable and bracket for Davitrac

### 2006/42/CE

Manual designed for simple lifting and pulling applications (**2006/42/CE**).

Can be easily integrated on the davitrac, without tools.

- The winch cable is guided by equipped pulleys with an anti-jump cable fixed on the head of the Davitrac.

Model	Product Code
CaRoI TS 500 - with 18m of galvanized cable and bracket for Davitrac	286989

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## CaRoI MO with console for Davitrac - lifting materials

### 2006/42/CE

Electric winch designed for simple lifting and pulling applications (**2006/42/CE**), ideal to replace a manual winch.

Can be easily integrated on the davitrac, without tools.

- Drum in mechanically welded steel
- Limit switch
- Capacity : 500kg max (depending of the model)
- The winch cable is guided by equipped pulleys with an anti-jump cable fixed on the head of the davitrac.

Model	Product Code
CaRoI MO 500 - lifting materials - with 13m of galvanized cable and bracket for Davitrac	293009

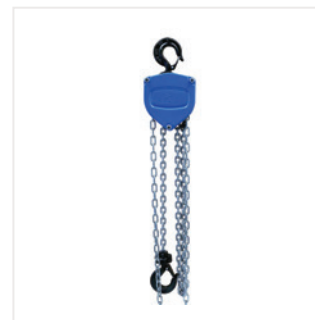


## Tralift

The Tralift manual hand chain hoist has a unique Tractel design which is compact, light yet robust, able to tackle the most extreme lifting conditions.

- Compact and lightweight
- Robust design with cast steel safety catches
- Easily portable for use anywhere
- Swivel hook with overload indication and robust cast steel safety catches

Model	Product Code
Tralift 500kg - 10m	286849



**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## Davimast equipped with 2 anchor points 360° to secure persons

### EN 795-A - CEN/TS 16415

- Anchor point with a maximum capacity of 2 operators of 150 kg each.
- Bracket equipped with 2 anchor points 360°.
- Lightweight, easy storage, transport and set-up
- No tools required for assembly
- Uses the same bases as the davitrac (except self-stabilizing base)



Model	Product Code
Davimast - mast	210188
bracket with 2 anchor points	210198



## Davimast equipped with Blocfor R fall arrest and rescue system

### EN360 - EN1496

Automatic fall arrester (**EN360**) with rope (galvanised or stainless steel), with integrated winch (**EN1496**).

Can be easily integrated on the davimast, without tools.

Anchor point with a maximum capacity of 2 operator of 150 kg.

#### Standards:

- EN 795-A : 2012 (bracket + base anchor point)
- CEN/TS 16415:2013-B (bracket + base multiuser).
- EN 1496 / EN 360 ( blocfor™ R)



Model	Weight (kg)	Length (cm)	Product Code
Davimast - mast	9.7	-	210188
Blocfor 20R galva ESD with bucket for Davimast - 150kg range	21.5	18	84362
Blocfor 20R inox with bracket for Davimast - 100kg range	21.3	18	84372
Blocfor 30R galva ESD with bucket for Davimast - 150kg range	29.9	30	84382
Blocfor 30R stainless steel with bracket for Davimast - 100kg range	29.6	30	84392

## Davimast with CaRol TS 250 winch for lifting material

### Machine directive 2006/42/CE - EN795-A - CEN/TS 16415

Carol winch 150kg also meets the requirements of hoisting winches with a maximum load of 250 kg (**Directive 2006/42/CE**).

Can be easily integrated on the davimast, without tools.

Allows to secure an operator up to 150 kg, equipped with his tools. Can also be used for lifting materials with a capacity of 250kg.

- Available cable lengths of 20m and 30m
- The winch cable is guided by equipped pulleys with an anti-jump cable fixed on

the head of the davimast

#### Technical characteristics:

- Bracket equipped with Carol winch TS250: WLL 250kg / 20 m or 30 m length
- Bracket equipped of 1 PPE anchor point 150 kg
- Lightweight, easy storage, transport and set-up
- No tools required for assembly
- Uses the same bases as the davitrac (except self-stabilizing base)

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



Model	Product Code
Davimast - mast	210188
CaRol TS 250kg with 20m of galvanized cable galva and bracket for davimast	293799
CaRol TS 250kg with 30m of galvanized cable galva and bracket for davimast	293809

## Adapters

Model	Material	Weight (kg)	Product Code
Mounted floor adapter	Galvanised Steel	12.7 kg	210108
Clearance mural adapter	Galvanised Steel	18.7 kg	210128
Flush floor adapter with protective cap	Galvanised Steel	10.7 kg	210138
Wall mounted adapter	Galvanised Steel	13.7 kg	210118
Mounted floor adapter   Stainless steel	Stainless Steel	13.4 kg	218008
Clearance mural adapter   Stainless steel	Stainless Steel	15.6 kg	218018



Mounted floor adapter



Clearance mural adapter



Flush floor adapter



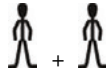
Wall mounted adapter

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.

## Tracrod 150 kg

EN795-A - CEN/TS16415 (2 users)



The Tracrod 150 kg anchor rod is a transportable anchor point which enables two operators, each weighing up to 150 kg operator + harness + tool, to work in safety.

To install it ready for use, the Tracrod 150 kg anchor rod is inserted into a stainless steel support mount which is secured in place permanently at the place of work.

The Tracrod anchor rod can be removed from the support mount. Its compact dimensions and light weight means that it can be transported in small vehicles and is easy to handle.

Tracrod 150 kg anchor rod is intended for persons who need to gain access via manholes to structures such as storage silos, sewers, etc.

The head of the Tracrod 150 kg anchor point is equipped with 2 anchor points.

As an option, it can be fitted with a bracket to support a Blocfor 20R or 30R

The Tracrod Handle bar is an accessory that attaches to the Tracrod.

It improves the access to the manhole by providing additional handles while entering or exiting.



Tracrod 150 kg anchor rod

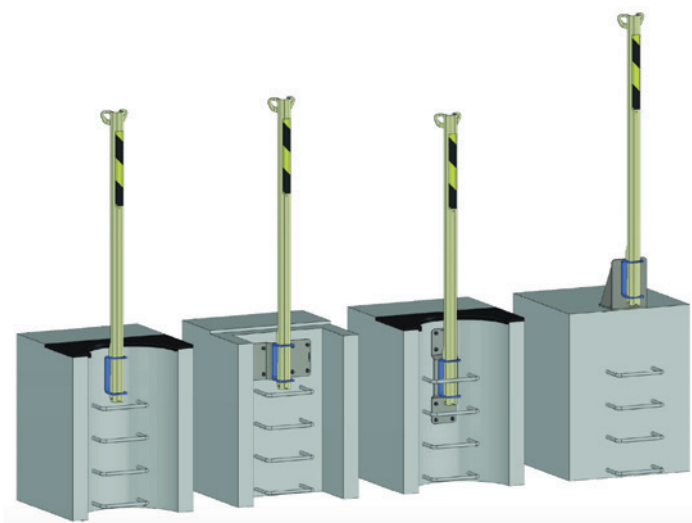


Handle bar



Tested to stop the fall of  
2 users, 150 kg

Model	Product Code
Tracrod 150 kg anchor rod	207128
Support mount	207118
Securing plate	207368
Universal low density structure base (to suit curved or straight structure)	210588
Chair base tracrod	210598
5 cm thick spacer block	207358
10 cm thick spacer block	218118
Handle bar	<sup>N</sup> 86642





**Image 1 :** Support mount (207118)


**Image 2 :** Securing plate (207368)

**Image 3 :** Universal low density structure base (to suit curved or straight structure) (210588)

**Image 4 :** Chair base (210598)

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

## Blocfor with bracket for Tracrod

### EN360 - EN1496 - CNB/P/11.062

Automatic fall arrester (**EN360**) with rope (galvanised or stainless steel), with integrated winch (**EN1496**).

Can be easily integrated on the Tracrod, without tools.

Allows to secure an operator up to 150 kg, equipped with his tools.

- Integrated winch : Automatic fall protection device with integrated winch for ascending or descending during a possible rescue operation.
- Shock-absorption system ESD : is also a fall indicator, eliminating the risk of using the device after a fall. It ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.
- The Blocfor cable is guided by equipped pulleys with an anti-jump cable fixed on the head of Tracrod.

Model	Weight (kg)	Product Code
Blocfor 20R galva ESD with bucket for Tracrod - 150kg range	16.5	81492
Blocfor 20R stainless steel with bracket for Tracrod - 100kg range	16.5	84412
Blocfor 30R galva ESD with bucket for Tracrod - 150kg range	24.5	81502
Blocfor 30R stainless steel with bracket for Tracrod - 100kg range	24.5	84422
blocfor™ bracket	-	207108



Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



Order products on day 1, will be shipped no later than day 2,

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

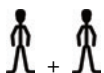
Available on request. Please enquire about delivery times of these items.

# Tracpode

## EN795-B - Machine directive 2006/42/CE



Tracpode 150 kg is a temporary anchor point.



It is tested to stop the fall of two operators weighing 150 kg each; including the weight of their equipment and tools. It allows two users to work safely.

It may also be used as an anchor point for lifting with the ability to lift a maximum load of 500 kg.

It can be folded up and it is small enough to be transported in light "site vehicles". It is easy to handle.

The Tracpode 150 kg is intended for persons who need to access confined spaces such as storage silos, sewers, etc.

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## Tracpode

- Adjustable to 1.53m - 1.72m - 1.91m - 2.10m - 2.29m - 2.48m (height)
- Width (depending on the height) : 1.20m - 1.33m - 1.46m - 1.59m - 1.72m - 1.85m

Model	Weight (kg)	Product Code
Tracpode	23	273739
Tracpode + PPE pulley kit	24,38	273749
Tracpode + 2 PPE pulley kits	25,76	273769
Tracpode + 1 PPE pulley kit + 1 lifting pulley kit	25,76	273779
Tracpode + 2 PPE + 1 lifting pulley kits	27,14	273789
PPE pulley kit	1,38	196968
Lifting pulley kit	1,38	196958



## Tracpode - short model

- Adjustable to 1.28m - 1.47m - 1.66m - 1.85m - 2.04m - 2.23m (max height)
- Width (depending of the height choosed) : 1.01m - 1.15m - 1.28m - 1.41m - 1.54m - 1.67m

Model	Weight (kg)	Product Code
Tracpode - short model	21,4	278039
Tracpode + PPE pulley kit	22,78	278049
Tracpode + 2 PPE pulley kits	24,16	278059
Tracpode + 1 PPE pulley kit + 1 lifting pulley kit	24,16	293999

# tracpode 150 kg confined space kits

tracpode 150 kg and accessories can be purchased as part of a Confined Space Kit, each containing:

- tracpode 150 kg (2 PPE pulleys, 1 lifting pulley),
- HT22 R rescue harness

Plus a selection of options:

- blocfor 20 R + bracket
- blocfor 30R + bracket
- Carol TS250 wire rope drum winch + bracket + rope
- Carol TS500 wire rope drum winch + bracket + rope



Model	Description	Product Code
CSK 2 150kg	Tracpode 150kg (2 PPE pulleys, 1 lifting pulley). HT22 R Rescue Harness (M), Blocfor 20R ESD 150kg M47, Bracket for blocfor 20R	478060
CSK 3 150kg	Tracpode 150kg (2 PPE pulleys, 1 lifting pulley). HT22 R Rescue Harness (M), blocfor 30R ESD 150kg M47, Bracket for blocfor 30R	478070
CSK 4 150kg	Tracpode 150kg (2 PPE pulleys, 1 lifting pulley). HT22 R Rescue Harness (M), blocfor 20R 150kg ESD M47, Bracket for blocfor 20R, Carol TS250 150kg with bracket, Carol rope 20m	478080
CSK 7 150kg	Tracpode 150kg (2 PPE pulleys, 1 lifting pulley). HT22 R Rescue Harness (M), blocfor 30R 150kg ESD M47, Bracket for blocfor 30R, Carol TS500 150kg with bracket, Carol rope 30m	478101





# Tracpode

Accessories: safety & rescue

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## Blocfor with bracket for Tracpode

### EN360 - EN1496 - CNB/P/11.062

Automatic fall arrester (**EN360**) with rope (galvanised or stainless steel), with integrated winch (**EN1496**).

Can be easily integrated on the Tracpode, without tools.

Allows to secure an operator up to 150 kg, equipped with his tools.

- Integrated winch : Automatic fall protection device with integrated winch for ascending or descending during a possible rescue operation.
- Shock-absorption system ESD : is also a fall indicator, eliminating the risk of using the device after a fall. It ensures that the user will not be subjected to an impact of more than 600 daN even if the fall occurs when the cable is fully unwound.
- The Blocfor cable is guided by equipped pulleys with an anti-jump cable fixed on the head of tracpode.

Model	Weight (kg)	Product Code
Blocfor 30R - galvanised - 150kg range - without bracket	14.3	75502
Blocfor leg bracket	3	200368



## caRol R with bracket for Tracpode

### EN1496 - CNB/P/11.062 - 2006/42/CE

Rescue winch compliant with **EN 1496**, with a maximum load of 150 kg.

caRol R winch 150kg also meets the requirements of hoisting winches with a maximum load of 250 kg (**Directive 2006/42/CE**).

Can be easily integrated on the tracpode, without tools.

Allows to secure an operator up to 150 kg, equipped with his tools. Can also be used for lifting materials with a capacity of 250kg.

- Rescue winch.
- Lifting material winch.
- 250 kg capacity for materials handling
- 5 mm galvanised  $\varnothing$  cable length available in 20 m and 30 m.
- Rotation-resistant wire rope
- Can be used for work in suspension, if you use a second safety fall arrest conforming to EN 360
- The winch cable is guided by equipped pulleys with an anti-jump cable fixed on the head of tracpode.

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.

Model	Product Code
caRol 20 + leg bracket + 20m cable	280589
CaRol 30 + leg bracket + 30m cable	280599

# Tracpode

Accessories: safety & rescue

## Derope with bracket for tracpode

### EN341 - EN1496

Derope is a descent device (**EN341**) with recovery winch (**EN 1496**).

The Derope descent device is a controlled speed descent evacuation system.

Can be easily integrated on the tracpode, without tools. Thanks to its conception, it permits the installation of very long cables of more than 30m.

It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 meters or 2 persons (up to 225 kg) at heights of up to 200 meters, if the operator is equipped with a fall arrester.

- The braided rope is guided by pulleys equipped with an anti-jump cable fixed on the head of Tracpode

Model	Product Code
Derope with bracket for tracpode	87498
Rope (1m)	50962

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.




## Drill attachment


The UP range is equipped with a drill attachment for use with a battery operated drill of 14 V, 300 W.


The Derope UP descender can be used with a battery powered drill, opening up many more applications for the product.

- The drill attachment enables the fast lifting of a person over a great height in a rescue operation or vertical displacement. It is recommended for companies that work in silos, tanker vats, drains, etc.
- The Derope UP descender can be used to move rope access technicians and raise them, effortlessly, to a greater height. It is ideal for window cleaners, bill stickers and aerial installers.



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

# Tracpode

Accessories: safety & rescue

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## Scafor with bracket for Tracpode

### EN 1496 - 2006/42/CE

Rescue winch compliant with **EN 1496**, with a maximum load of 150 kg.

Scafor also meets the requirements of hoisting winches with a maximum load of 250 kg (**Directive 2006/42/CE**).

Can be easily integrated on the leg of Tracpode, without tools.

Allows to secure an operator up to 150 kg, equipped with his tools. Can also be used for lifting materials with a capacity of 250kg. Thanks to its pass-through cable winch technology, it permits the installation of very long cables of more than 30m.

- The Scafor cable is guided by equipped pulleys with an anti-jump cable fixed on the head of the Tracpode.

Model	Product Code
Scafor 250kg without cable - with bracket for tracpode	251079
Galvanized wire rope - Ø 6, 5mm - 20m - equipped with M47 - for Scafor	245899
Galvanized wire rope - Ø 6, 5mm - 30m - equipped with M47 - for Scafor	245909
Galvanized wire rope - Ø 6, 5mm - 40m - equipped with M47 - for Scafor	245919
Galvanized wire rope - Ø 6, 5mm - 50m - equipped with M47 - for Scafor	245929
Galvanized wire rope - Ø 6, 5mm - 60m - equipped with M47 - for Scafor	286929
Galvanized wire rope - Ø 6, 5mm - 70m - equipped with M47 - for Scafor	286939



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Tracpode Pro

## EN795-B - Machine directive 2006/42/CE

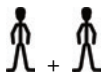


Tracpode Pro tripod is a perfect transportable and easy to set up temporary anchor point, it combines anchoring and lifting functions.

Being telescopic, it easily adapts to different environments in order to adjust the appropriate height.

This aluminum tripod can be transported and deployed easily. Its **small size** makes it easy to transport in small site vehicles, and it is light and easy to handle.

This device offers a working height of 1620 mm and guarantees a reliable anchor point to secure simultaneous access for up to 2 people in confined work spaces. For all work in confined environments such as storage silos, sewers, the Tracpode Pro tripod allows you to operate without any risk of falling.



It is tested to stop the fall of two operators weighing 150 kg each; including the weight of their equipment and tools. It allows two users to work safely.

It may also be used as an anchor point for lifting with the ability to lift a maximum load of 250 kg.

The head of the Tracpode Pro tripod is equipped with 3 anchoring points. Two PPE anchors, each carrying 150 kg, and one anchor designed for lifting loads weighing 250 kg.

One leg is designed to hold a 150 kg Tractel winch (material lifting) or a 150 kg Tractel Blocfor R 150 kg fall arrester.

### Technical characteristics:

- Composition: Aluminium
- Height min. feet folded: 1200 mm
- Height working position: 1520 to 1620 mm
- Diameter defined by the 3 legs: Ø 1230 to 1310 mm
- Weight : 11.90 kg
- Quick and easy attachment of accessories to the exterior of the tripod, without tools



Model	Weight (kg)	Product Code
Tracpode Pro - tripod	11.90	299049
PPE pulley	0.75	218408
Lifting pulley	0.75	218418

Model	Product Code
Transport bag	68752



Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



# Tracpode Pro

Accessories: safety & rescue



**NEW**

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Blocfor 20 R EVO ESD G

Blocfor leg bracket



## Blocfor R EVO ESD 150 kg

The Blocfor R EVO ESD 150 kg functions like a standard retractable fall arrester to stop the fall of an operator. It also features an integrated rescue winch system that can be easily activated after a fall to rapidly evacuate a person upwards or downwards in case of a rescue operation.

### Features:

- Handle-type anchorage capable of receiving large-diameter connectors.
- Integrated Winch: Automatic fall arrester with an integrated winch for ascending or descending during a potential rescue operation.
- Casing: housing made of a polyamide/ABS blend, UV-resistant, highly resistant to impact and aging.
- ESD Energy Absorber: Equipped with an energy absorber and traceability label. - Fall indicator. - Ensures that the user will not experience an impact of more than 600 daN even if the fall occurs when the cable or strap is fully extended.
- Allows horizontal use (for the version with galvanized cable).
- Available in length 10 m and 20 m.

Model	Length (m)	Description	Weight (kg)	Product Code
Blocfor 10 R EVO ESD G	10	Galvanised rope	11.2 kg	87742
Blocfor 20 R EVO ESD I	20	Stainless steel rope	12.2 kg	87502
Blocfor 20 R EVO ESD G	20	Galvanised rope	12.5 kg	87492
Bracket for Blocfor 20R Evo	-	Steel	1.9 kg	218428
PPE pulley	-	Size : 200 x 100 x 50 mm	0.75 kg	218408

# Tracpode Pro

Accessories: hoists

## Carol R Pro 12 winch

### EN1496 B - 2006/42/CE

CaRol R PRO 12 winch is a rescue equipment compliant with EN 1496 class B with a maximum working load of 150 kg. It allows operators to be raised and lowered when working in a confined space.

It also meet the requirements of load lifting winches with a maximum working load of 150 kg. CaRol R PRO winches can also be used as work devices suspended on a rope if they are coupled with a fall arrest system complying with standard EN 363.

CaRol R PRO winches are delivered with their cable equipped.

They must be fixed on anchoring consoles for Tracpode Pro tripod.

#### Technical characteristics:

- Cable length: 12 m
- Cable diameter: 5 mm
- Weight: 5.3 kg

Model	Weight (kg)	Product Code
Carol R Pro 12 winch	5.3 kg	218438
Bracket for Carol R Pro 12	2.8 kg	218448
PPE pulley	0.75 kg	218408
Lifting pulley	0.75 kg	218418

**NEW**

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.



## caRol Duratech winch

### Manual drum winch with stainless steel wire rope

The CaRol Duratech range is designed for lifting and pulling loads. CaRol Duratech winches are equipped with a wire rope, a swivel and a lifting hook in stainless steel.

CaRol Duratech are designed to work in environments with low corrosive content, but where the cable is in contact with aggressive or corrosive substances and requires regular cleaning.

Model	Weight (kg)	Product Code
CaRol Duratech 150	5.2 kg	218498
Bracket for Carol R Pro 12	2.8 kg	218448
Lifting pulley	0.75 kg	218418

**NEW**



# Tracpode Pro

Accessories: hoists



## Carol R Pro 20 winch

**2006/42/CE - EN1496 A**

CaRol R PRO 20 winch is a rescue equipment compliant with EN 1496 class B with a maximum working load of 150 kg. It allows operators to be raised and lowered when working in a confined space. It also meets the requirements of load lifting winches with a maximum working load of 150 kg. CaRol R PRO winches can also be used as work devices suspended on a rope if they are coupled with a fall arrest system complying with standard EN 363.

CaRol R PRO winches are delivered with their cable equipped.

They must be fixed on anchoring consoles for Tracpode Pro tripod.

### Technical characteristics:

- Cable length: 20 m
- Cable diameter: 5 mm
- Weight: 10.3 kg



Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.

Model	Weight (kg)	Product Code
Carol R Pro 20 winch	10.3 kg	218458
Bracket for Carol R Pro 20	3.8 kg	218468
PPE pulley	0.75 kg	218408
Lifting pulley	0.75 kg	218418



## Carol R TS 150 winch

**2006/42/CE - EN1496 A - EN13157**

Rescue winch compliant with **EN 1496**, with a maximum load of 150 kg.

Carol R TS winch 150 kg also meets the requirements of hoisting winches with a maximum load of 150 kg (**Directive 2006/42/CE**).

Can be easily integrated on the leg of the Tracpode Pro, with a dedicated bracket.

Allows to secure an operator up to 150 kg, equipped with his tools. Can also be used for lifting materials with a capacity of 150 kg.

- Rescue & Lifting material winch.
- 150 kg capacity for materials handling
- 5 mm galvanised  $\varnothing$  cable length available in 20 m.
- Rotation-resistant wire rope
- Suitable for work in suspension, if using a second safety fall arrest conforming to EN 360
- The winch cable is guided by equipped pulleys with an anti-jump cable fixed on the head of tracpode.

Model	Weight (kg)	Product Code
Carol R TS winch	13.4 kg	299249
Bracket for Carol R Pro 20	3.8 kg	218468
PPE pulley	0.75 kg	218408
Lifting pulley	0.75 kg	218418

# FABA System A12

Fall arresters on rail for sewer access



The FABA A12 System has been on the market since 1995. It is a logical evolution of the FABA A11 System but a lighter and smaller version. The design of the safety rail and carriages is asymmetrical and guarantees that the carriages are always used in the right direction.

- Dimensions rail profile: 48 x 32 x 3 mm
- Material: Hot-dipped galvanised steel or stainless steel (1.4571)
- Design: Ladder with central upright or just rail
- Spacing in between stops: 40 mm
- Spacing in between rungs: 280 mm
- Rungs: Straight and welded on the back of the rail
- Width of the ladder: 380 mm
- Primary lengths: 5600 and 2800 mm
- Adjustment lengths: 560, 840, 1120, 1400, 1680, 1960, 2240, 2520, 3080, 3360, 3640, 3920, 4200, 4480, 4760, 5040 and 5320 mm
- Maximum distance between fixings: 1400 mm for the ladder and 1960 mm for the rail.

For more information or a quote, please contact Tractel on 0114 248 2266

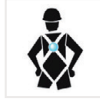




# Confined space harness

## Harness HT55 Confined Space

EN 361



Comfort	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Frequency of use	<div style="width: 75%; height: 10px; background-color: #90EE90;"></div>
Integrated options	<div style="width: 50%; height: 10px; background-color: #90EE90;"></div>

The HT55 harness can be used for confined space. It is particularly suited for use with a respiratory system which slides easily onto the belt.

Enhanced comfort is ensured by the back XPad, the mountaineering-type thigh straps, and the linkage between the shoulder straps and thigh straps by connecting buckles.

The harness is very easy to slip on as it opens fully at the front with the X-Pad preserving the harness form.

- Universal and very comfortable harness, automatic with extra comfort for long periods of work
- 1 dorsal with a big forged D anchorage to eliminate the

risk of carabiner disconnection

- 1 sternal anchorage
- 1 special belt for respiratory system
- 1 comfort sub-pelvic strap
- Sliders for strap adjustment. Cannot be removed for security reasons
- 3 adjustment points
- Independent mountain leg strap High-comfort
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.
- Fall indicator in each anchorage
- Label holder

	S	M	XL
HT55 A CS	83902	83912	83922



● Order products on day 1, will be shipped no later than day 2,

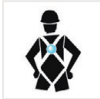
● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

○ Available on request. Please enquire about delivery times of these items.

# Rescue Harness

## Harness HT22R

EN361 - EN1497

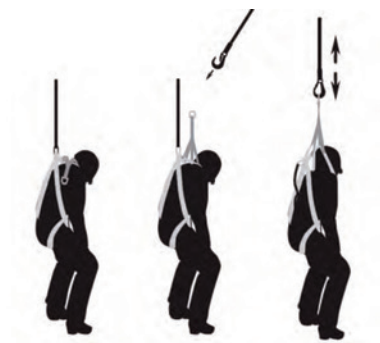


Universal harness with standard buckles and rescue straps.

The HT22R is a harness specially designed to rescue an operator working in a confined space. It is equipped with an emergency strap attached to the shoulder straps. This strap allows the operator to be raised in a perfect vertical position which facilitates the exit of the body through the manhole.

- 1 dorsal anchor point.
- 1 sternal anchorage point in textile loop.
- 1 sub-pelvic strap.
- 5 adjustment loops.

	S	M	XL
HT22R	44952	44962	44972



## HT9 Evacuation triangle

EN1497



Special harness for evacuation operations, easy to install, even with a person lying on the ground.

Due to its 3 adjustment settings, the HT9 can be used with both children and adults

Model	Product Code
HT9 Evacuation Harness	17622



● Order products on day 1, will be shipped no later than day 2.

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

○ Available on request. Please enquire about delivery times of these items.

# Tirope

Rescue winch

**NEW**



## EN 1496 - EN1891/A - Machinery Directive 2006/42/CE

The Tirope winch is a compact traction and lifting device, very easy to set up and handle. It can be used to lift an operator for a rescue operation. It can also be used to lift equipment.

One of the rare solutions allowing you to tow a rope under tension very efficiently, specially designed to meet the needs and requirements of rescue professionals.

It is easy to use and simple to operate, enabling an operator to be evacuated or a load to be moved up in emergency situations where conventional lifting equipment is unavailable or unusable.

The operator moves the lever back and forth, two slides with a self-tightening jaw alternately block the braided rope to raise the load.

The Tirope is for 12.5 mm diameter Tractel Tirope braided rope with 50 m length and a maximum lifting capacity of 140 kg.

The braided rope is equal to steel in strength and use, the quality of grip and weight savings. It also offers excellent resistance to overheating, UV and abrasion.

Model	Weight (kg)	Length (m)	Size (Apparel) (mm)	Product Code
Tirope winch	4.2		77 x 15 x 21	299029
RLXD 12,5 10m-M15-A	1.317	10	Ø 300 x 100	87572
RLXD 12,5 20m-M15-A	2.367	20	Ø 350 x 100	87582
RLXD 12,5 40m-M15-A	4.467	40	Ø 350 x 200	87592
RLXD 12,5 60m-M15-A	6.567	60	Ø 400 x 200	87602

Different length available on request.

Model	Product Code
Transport bag	100625



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

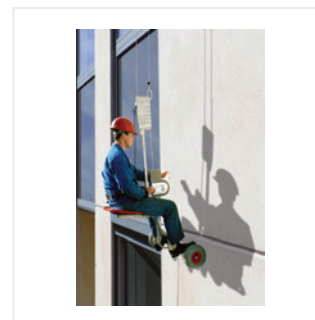
# Subito, Evak

## Subito

Manual one man seat.

- With its easy, efficient and safe operation, the subito was created specifically for working on façades (inspection, maintenance and cleaning).
- Designed for working at heights of up to 30 metres.
- When equipped with a scafor™ manual winch it is approved for lifting people.

Model	Product Code
Subito	25429
Support mount	28398
10 m galvanised cable	53809
20 m galvanised cable	53829
30 m galvanised cable	53849



## Evak 500

Manual rope winch offering unlimited travel with a 500 kg capacity

- Specially designed for rescue operations
- Static braided rope of a diameter 12.5 mm

Model	Product Code
Evak 500	23498
Transport bag	100625
Rope 12.5 mm, 20 m	46059
Rope 12.5 mm, 40 m	46069
Rope 12.5 mm, 60 m	46079
Rope 12.5 mm, 80 m	46089
Rope 12.5 mm, 100 m	46099
Rope 12.5 mm, 200 m	46109



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

# Derope

The derope descent device is a controlled speed descent evacuation system. It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 metres or 2 people (up to 225 kg) at heights of up to 200 metres.



## Derope STD

### EN 341

The Derope descent device is a controlled speed descent evacuation system. It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 meters or 2 persons (up to 225 kg) at heights of up to 200 meters.

Standard Derope allows several round-trips, designed for downward evacuation. Descent only.

- Height 400m for max 150 kg
- Height 200m for max 225 kg

Model	Product Code
Derope STD	194159
Rope (1m)	50962



## Derope UPA

### EN341 - EN1496

The Derope descent device is a controlled speed descent evacuation system. It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 meters or 2 persons (up to 225 kg) at heights of up to 200 meters.

The Derope UP A is equipped with a recovery winch that can be operated by hand or by using an electric drill

- Height 400m for max 150 kg
- Height 200m for max 225 kg

Model	Product Code
Derope UPA	194169
Rope (1m)	50962



## Derope UPB

### EN341 - EN1496

The Derope descent device is a controlled speed descent evacuation system. It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 meters or 2 persons (up to 225 kg) at heights of up to 200 meters.

The Derope UP B with winch, equipped with a large mounting bracket for ladder.

The unit is mounted on two ladder treads. The mounting system must be secured by a lanyard.

- Height 400m for max 150 kg
- Height 200m for max 225 kg

Model	Product Code
Derope UPB	194179
Rope (1m)	50962



## derope™ UPK

The derope™ descent device is a controlled speed descent evacuation system. It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 meters or 2 persons (up to 225 kg) at heights of up to 200 meters.

derope™ UP A with winch, equipped with a small mounting bracket for ladder.

The unit is mounted on a ladder tread.

- Height 400m for max 150 kg.
- Height 200m for max 225 kg

Model	Product Code
derope™ UPK	194189
Rope (1m)	50962




## Drill attachment


The UP range is equipped with a drill attachment for use with a battery operated drill of 14 V, 300 W.


The Derope UP descender can be used with a battery powered drill, opening up many more applications for the product.

- The drill attachment enables the fast lifting of a person over a great height in a rescue operation or vertical displacement. It is recommended for companies that work in silos, tanker vats, drains, etc.
- The Derope UP descender can be used to move rope access technicians and raise them, effortlessly, to a greater height. It is ideal for window cleaners, bill stickers and aerial installers.



 Order products on day 1, will be shipped no later than day 2,

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 Available on request. Please enquire about delivery times of these items.

# Derope rescue kit

A complete kit for evacuation at height



## EN341 - EN1496

**A complete kit for evacuation at heights.**

### Contents of the rescue kit:

- derope UP A for upwards and downwards evacuation
- 10.5 mm braided rope with a length of 85, 120 or 150 m and 3 M48 tri-lock karabiners
- 1 patented Tractel rope reel
- 1 braided rope protector
- 1 lanyard spreader device with connector to keep the rope from the structure
- 1 stopfor K to disconnect the fall arrest lanyard from the user
- 2 strap rings to connect the derope and the pulley onto the structure
- 1 pulley to position the braided rope in the optimal position during descent
- 4 M23 tri-lock connectors
- 1 waterproof box with shock absorbing foam

### Advantages:

- Complete with derope UP A for fast and safe evacuation
- Complete equipment ready to use
- Strong and waterproof box
- Overpressure valve to protect against condensation
- Humidity indicator
- Humidity absorption bags
- Storage box seal lets you know if the kit has been opened
- If the seal is unbroken, the kit doesn't require inspection for 5 years

### Specification:

- Dimensions (H x L x D): 225 mm x 200 mm x 165 mm
- Max load recovery: 150 kg (400 m) or 225 kg (200 m)
- Descent speed: 0.5 m/s - 2 m/s

Model	Product Code
Derope rescue kit 85 m	222949
Derope rescue kit 120 m	222959
Derope rescue kit 150 m	222969



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# Pulleys / Descent / Ascent Devices

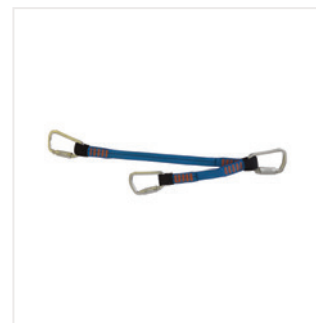
## LSF jumar lanyard

### EN354 - CNB/P/11.062

Double webbing lanyard, 30 mm-wide strap made of polyester, without shock absorber.

The LSF Jumarlanyard is used for connecting rope acces accessories such as an ascent handle and a foot loop to the ombilical attachment point on the harness.

Model	Product Code
LSF - Jumar	65772



## Standard S pulley

### EN12278

- Pulley diameter : 27 mm
- Braided rope diameter : 11 mm max
- Material : light alloy
- Overall dimensions : 98 mm
- Weight 75 g

Model	Product Code
Standard S pulley fixed flanges	40162

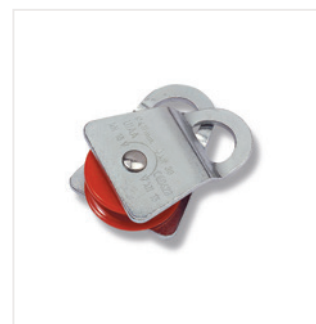



## Standard S pulley opening flanges


### EN12278


- Pulley diameter : 27 mm.
- Braided rope diameter : 11 mm max
- Material : steel
- Overall dimensions : 74 mm x 52 mm
- Weight : 165 g

Model	Product Code
Standard S pulley opening flanges	40172



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# Pulleys / Descent / Ascent Devices



## Standard M pulley opening flanges

### EN12278

- Pulley diameter : 29 mm
- Braided rope diameter : 16 mm max
- Material : light alloy
- Overall dimensions : 110 mm x 82 mm
- Weight : 260 g

Model	Product Code
Standard M pulley opening flanges	40102



## Double in-line pulley

### EN12278

- Application : Tyrolienne (Rope bridge) evacuation.
- Pulley diameter : 25 mm
- Braided rope Ø 13 mm max.
- Overall dimensions : 113 mm x 86 mm
- Weight : 180 g

Model	Product Code
Double in-line pulley	40092





## Double pulley opening flanges


### EN12278

- Pulley diameter : 29 mm.
- Braided rope Ø 16 mm max
- Material : light alloy
- Overall dimensions : 110 mm
- Weight : 460 g.

Model	Product Code
Double pulley opening flanges	40112

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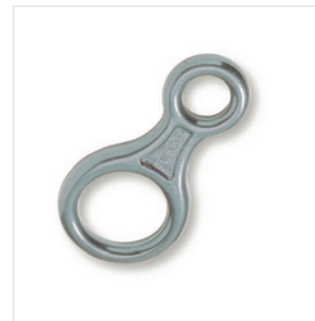
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# Pulleys / Descent / Ascent Devices

## Mountain eight

Model	Product Code
Mountain eight	20542

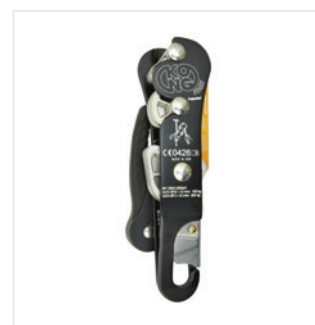


## Double safety descent device

### EN341 - EN12841-C

- Operates with diameter 9 to 12 mm braided rope.
- Fitted with a panic or emergency cut-out device system.
- Weight : 385 g.

Model	Product Code
Double safety descent device	13572



## Ascent handle

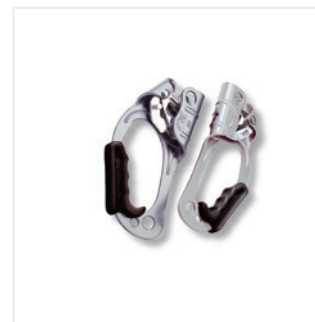
### EN567

2 different kinds of handle, depending on your use. Both are compatible with kermantel rope with a diameter between 8 and 12 mm.

A left and right traditional handles.

A compact handle fitting well in confined space applications.

Model	Product Code
Right handle	20492
Left handle	20502
Ascent handled rope clamp	65742



# Pulleys / Descent / Ascent Devices



## Ascent foot clamp

For ascent during rope access operation.  
Foot loop with adjustable strap.

Model	Product Code
Ascender foot-loop	40122



## Anchor plate

### EN795-B

- Operates with diameter 8 to 12 mm braided rope.
- Allows to remount on the cord in conjunction with right or left ascent handle.
- Weight : 106 g.

Model	Product Code
Anchor plate	20512



## Sternal ascent rope clamp

### EN567

Complies with EN 567 standard.


For rope climbing. Self-locking rope clamp for ropes with a diameter of 8 to 12 mm.  
A dedicated version for use with the HT Access that can be installed by the user.


Model	Product Code
Sternal ascent rope clamp	66112
Sternal ascent rope clamp for HT Access	86552




## Rope protection

Model	Product Code
Rope protection	72586

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# Tree surgeon options

## Anchor line for trees

### EN354

Mobile anchor point for attaching the lanyard to a tree branch

Model	Product Code
Anchor line for trees	40982



## Arborist braided rope

Tree surgeon lanyard fitted with a buckle at one end.

Model	Product Code
Rope 20m	59512
Rope 30m	59522
Rope 40m	59532
Rope 50m	69952



## Adjustable lanyard - LCM 03

### EN358 - CNB/P/11.062

The work positioning lanyard LCM03 is a manually adjusted tensioner-reducer. This device works on a low-stretch rope with steel core diameter of 12.5 mm.

The LCM03 is compact and ergonomic and perfectly suited for work positioning.

The lanyard LCM03 is equipped with a compact, ergonomic jaw tensioning device. The device is made of high-strength aluminium. The jaw tensioning device LCM03


slides along the rope. In the event of a fall or loss of balance, the tensioner automatically locks.


The unit is supplied with rope with steel core diameter of 12.5 mm and length of 2m, 3m or 4m, equipped with a connector M10 on the tensioner and a connector M40 on the end of the rope


*This lanyard is not a fall arrest.*



Model	Length (m)	Product Code
LCM 03 - M42 M10T - 2 m	2	85292
LCM 03 - M42 M10T - 3 m	3	85302
LCM 03 - M42 M10T - 4 m	4	85312
Sleeve	-	18192

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# Tree surgeon options



## Prusik knot

Self-locking knot enabling the tree surgeon to move along the arborist rope.

- length 0.6m

Model	Product Code
Prusik knot	40992



## Throw bag

Bag for throwing the arborist rope over a branch to create an anchor point. 250 g

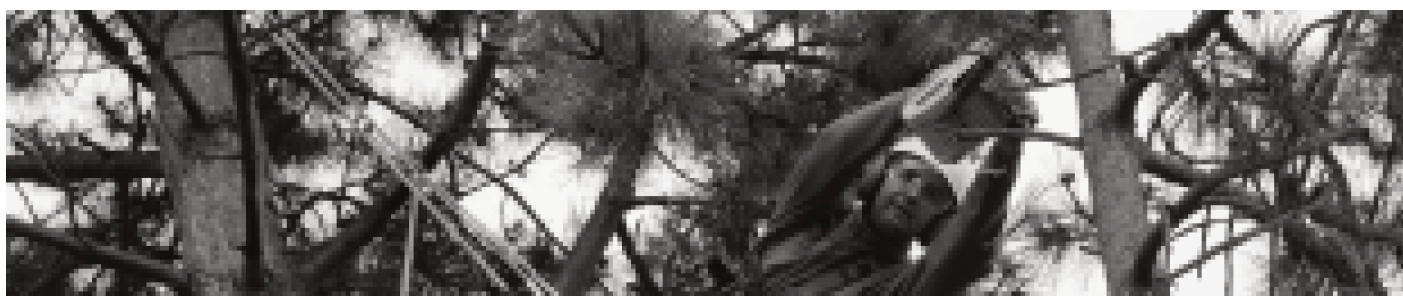
Model	Product Code
Throw bag 250g	53842
Throw bag 350g	59332



## 50m rope throw line

For using with the throw bag.

Model	Product Code
Rope (for saddle bag)	51922



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