



Catalog 2023

Lifting & Handling | Measure & Control
Height Safety

Export



www.tractel.com

Tractel® is a world leading safety specialist providing reliable, innovative and cost-effective working-at-height solutions and services. These solutions are used in many end-user applications, in particular in industrial, construction, energy, telecoms and infrastructure projects..

Tractel® solutions portfolio comprises of:

- **Height Safety** - Leading provider of working-at-height personal protective equipment – fall arrest devices (Stopfor™, Blocfor™, Derope™), anchors, harnesses - as well as collective protective equipment, such as guardrails, (Bluewater™), safety gates (Fabenco™) and safety nets (Knot®).
- **Load Measurement & Control** - European leader in industrial load measurement and control – Dynafor™, Handifor™, Dynasafe™, Dynaline, Dynarope, and Dynaplug.
- **Lifting & Handling** - World leader in pass-through manual wire rope hoists (Tirfor®) and pass-through electrical wire rope hoists (Tirak™, Minifor™), clamps, pulleys and hooks, as well as ground handling equipment.
- **Temporary & Permanent Access** - World leader in hoists (Tirak®) and aluminium platforms (Alta, Skysafe™), mast climbing work and transport platforms and construction elevators (Scandclimber®), Building maintenance units and permanent access solutions for industry, infrastructure and buildings.
- **Services** - In-situ inspection and maintenance services for permanent access equipment, workshop maintenance and general overhauls of mechanical equipment, as well as training and rental services.



Established more than 80 years ago, Tractel® today has significant manufacturing facilities in Europe (France, Germany, Poland, Spain), the USA (Minneapolis, Houston), Canada (Toronto, Montreal), China (Shanghai), Singapore and Turkey. These facilities are supported by dedicated centres of excellence in R&D, engineering and safety standards.

Tractel® has customers in 120 countries, subsidiaries in 19 countries, 10 000 distributors around the world, and employs around 1 100 peoples.

This network of expertise, experience and geographical locations allows Tractel® to achieve global reach with local presence..



ESG – Environmental, Social and Governance Policy

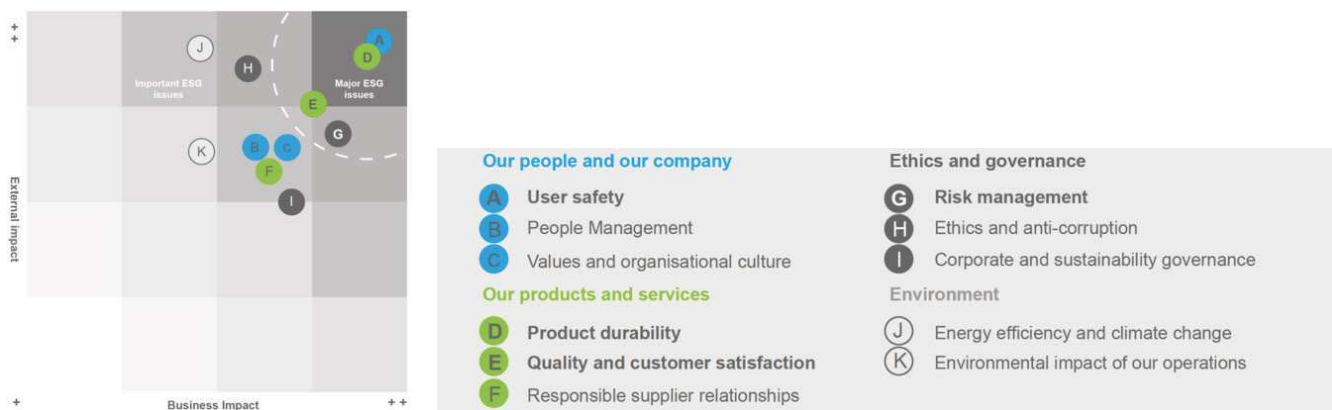
The Tractel Group has set-up an ambitious Environment, Social and Governance (ESG) policy. Our ESG policy commits us collectively to do more for people, society and the environment. We are convinced that those who share our ambition, be they customers, suppliers, shareholders or employees, will join us in this positive dynamic.

Our ESG policy was designed taking into account, among others, the European Non-Financial Reporting Directive, the upcoming Corporate Sustainability Reporting Directive (CSRD) and the UN Sustainable Development Goals.

Our ESG policy covers 11 focus areas that are grouped in 4 main pillars.



We set our priorities based on the dual materiality analysis shown below.



All 11 areas are covered by a detailed action plan, shared with, and owned by, company managers.

Our results are measured by 32 KPIs, ranging from CO2 emissions to work accidents and complaints-handling times. Each has a target by 2025.

SALES ORGANISATION

All our products are meant for professional use only.

Minimum value per order € 100 Net. Our supplies are manufactured according to the terms shown on our order acknowledgment, a copy of which is available on request. We reserve the right to modify, without prior notice, the characteristics, the equipment, the prices and Sales Conditions of our products. Our delivery time will be indicated on our order acknowledgment.

EXPORT DEPARTMENT

(sales and marketing)

Sales Export director

Phone: +352 43 42 42 654

Email: nikolaas.mertens@tractel.com

Export Sales back office

Phone: +352 43 42 42 652

Emails: elodie.alexandre@tractel.com - leon.daenen@tractel.com

Sales Europe

Phone: + 352 43 42 42 653

E mail: michael.derler@tractel.com

Sales Middle East & Central Asia

Phone: + 352 43 42 42 654

E mail: julie.melchior@tractel.com

Sales Africa

Phone: + 352 43 42 42 654

E mail: julie.melchior@tractel.com

Sales Asia & Pacific

Phone: + 65 881 05 735

E mail: romain.ricard@tractel.com

Sales South America

Phone: + 352 43 42 42 654

E mail: nikolaas.mertens@tractel.com

SALES ADMINISTRATION

(invoicing, logistics and delivery)

Sylvie Brie (Head of department)

+333 25 210 716

Dolorès Parisotto (Middle East, Africa)

+333 25 210 715

Florence Merat (Europe, South of America, Asia)

+333 25 210 714

Doriane Ly

+333 25 210 814

Product ranges

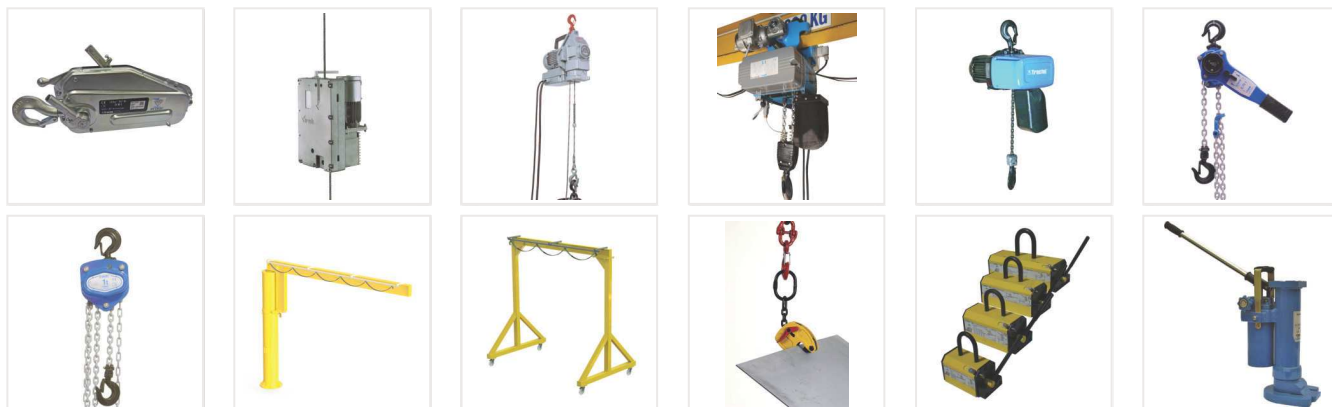
Height Safety Products & Systems



Load Measurement and Control



Lifting and Handling



Temporary & Permanent Access



Traceability platform

Instant access to key product information

Introducing **Tractel**®'s new product information and traceability platform – an exciting new tool giving you instant access to a range of technical information related to your product.

Simply use a QR code reader to scan the identification label on the product or packaging to gain access to the information you need; direct to your phone, tablet or computer.



Packaging product label
(on packaging)



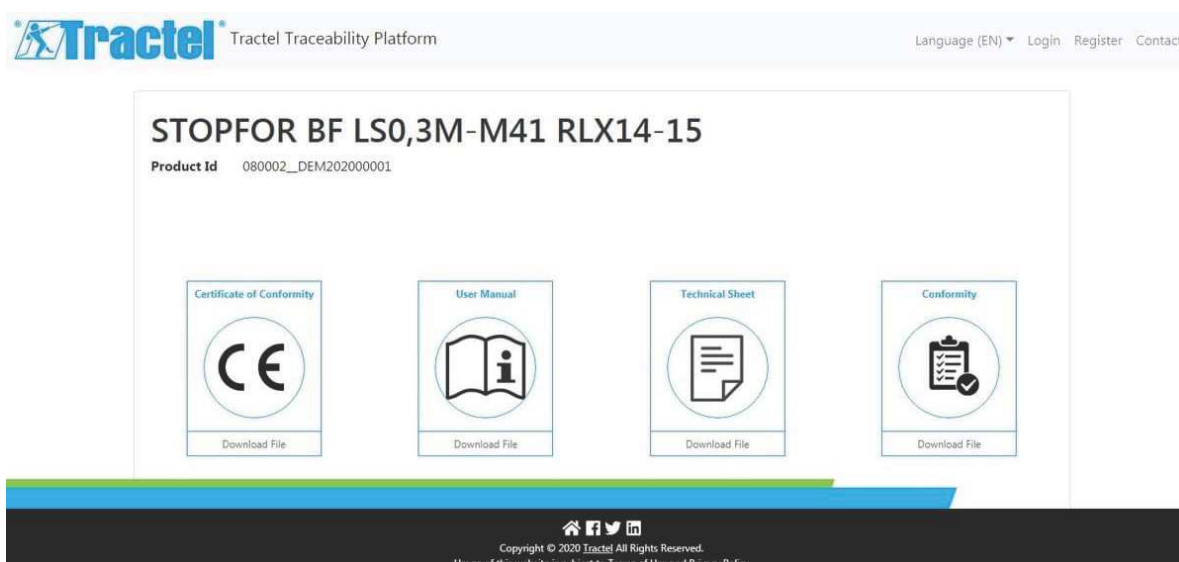
Product label
(on product)



EAN Code label
(on packaging)

Instant access to:

- **Product Identification information** (batch & serial number, manufacturing date etc).
- **Product Data** (available to download to your device):
 - Certificate of Conformity (Notified body product certificate)
 - User manual
 - Technical data sheet
 - Declaration of conformity
- **Traceability system**
 - TRACTEL® service information : summary of service performed by TRACTEL®
 - Possibility to register & trace the key life events of the equipment: date of the first use, attribution of the equipment to a user, periodic inspection, maintenance operation, disposal, etc...



Traceability platform

How to use it ?

1

Download a free QR code scanner on your smartphone, tablet or computer.



Example :
QR Code Reader for Android

2

Open the QR Code Scanner app and scan the code on the packaging or product.



You will be redirected to a special Tractel® website with a webpage dedicated to your product.

3

Find all the relevant information of the product you scanned.



Available downloads in PDF format:

- Identification information of the product: batch & serial number, manufacturing date.
- Certificate of Conformity (Notified body product certificate)
- User manual
- Technical data sheet
- Declaration of conformity

4

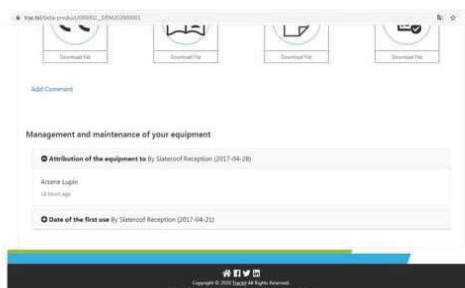
Register to have immediate access to advanced functionalities.



- Details to create an account:
 - Name
 - E-mail address
- Create a password to secure your account.

5

Enter and track the key life information of your product.



- Date of the first use
- Attribution of the equipment to a user
- Periodic inspection
- Maintenance Operation
- Disposal

Summary

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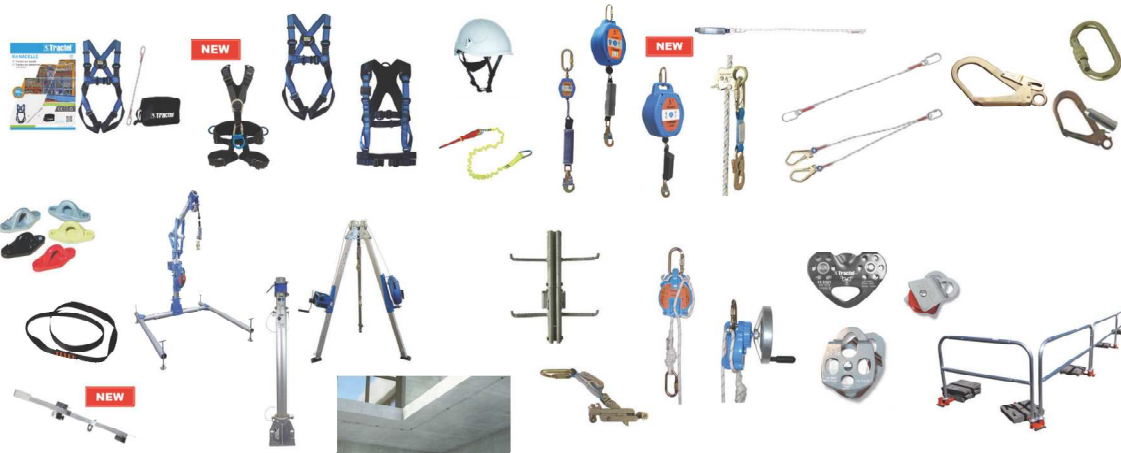
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3. Height Safety Products & systems



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.

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.

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)
- Harness (EN 361)
- Fall arrester (EN 355, EN 353-2, EN 360)
- 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-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)

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 or safety belt (EN 361, EN 358)
- Lanyard (EN 354)
- Adjustable lanyard (EN 358)
- 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)
- Harness (EN 361, EN 1497)
- Rescue or evacuation equipment (EN 341, EN 1496)
- 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.

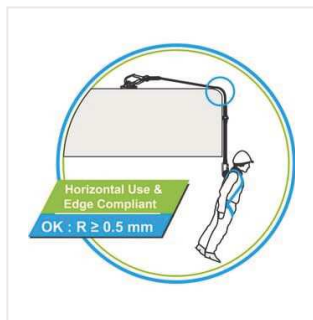
EQUIPMENT REQUIRED

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



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:

- PPE-R/11.062 (for use above 100 kg)
- PPE-R/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.

Attention: the weakest element in the chain always determines the maximum resistance for the entire 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:

- **PPE-R/11.060** (for the blocfor range)
- **PPE-R/11.074** ((for the lanyards range)
- **PPE-R/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.



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

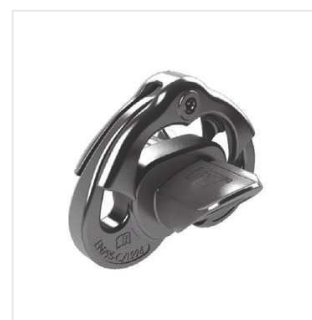
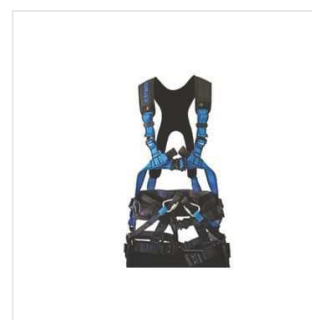
To protect yourself in the event of a fall, you must have a fall arrest system that will stop and support you.

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.



Industrial maintenance

Kits for industrial maintenance, with adjustable length fall arrester lanyard with ring to create an anchor point.



Industrial maintenance Premium Pack

Model	Description	Product Code
Industrial maintenance Premium Pack	Box	72572
	Harness HT55, Size M	
	Fall arrester 1.80 m - Blocfor 1,8 A ESD	
	Anchor AS19S	
	Bag	

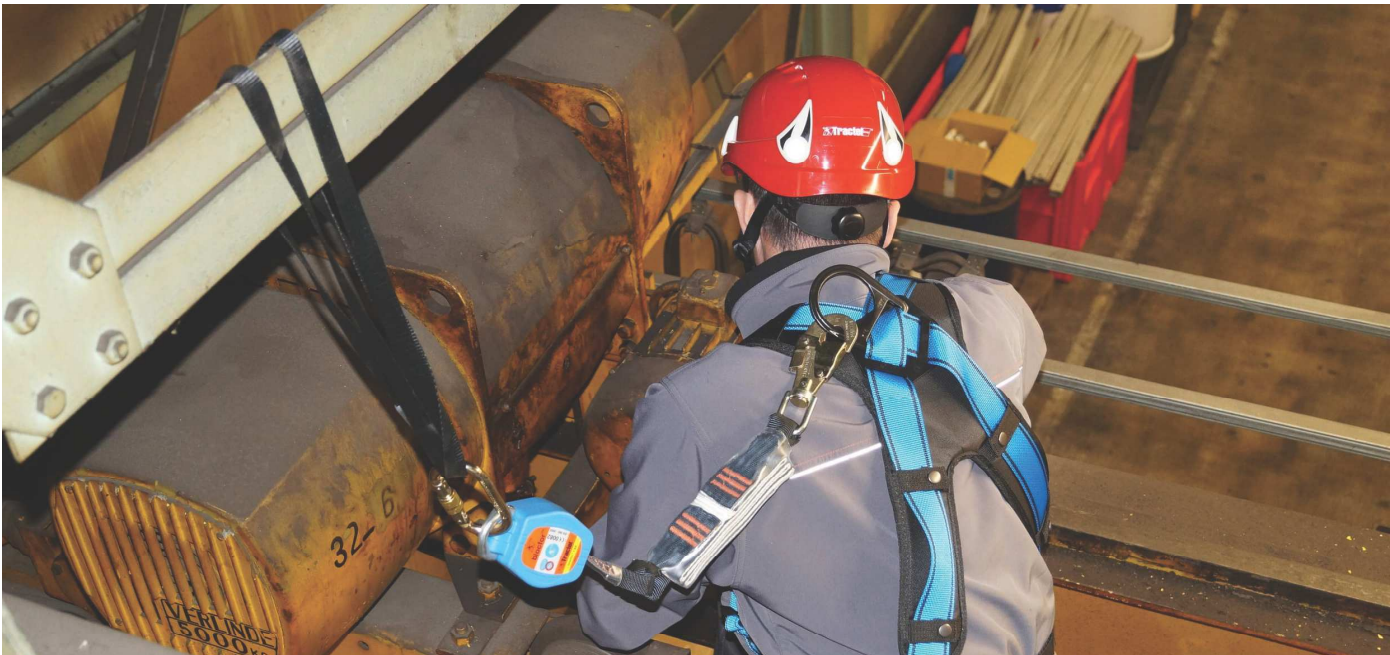
Made in France



Industrial maintenance 4

Model	Description	Product Code
Industrial maintenance 4	Harness HT22, Size M	67472
	Fall arrester 1.80m - blocfor™ 1,8 A ESD	
	Anchor AS19S	
	Bag : combipro 20l	

Made in France



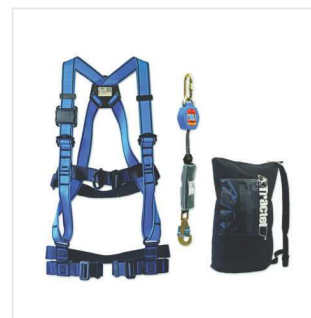
Powered access

Kits enabling the securing and maintaining of increased freedom of movement when using powered access platform.

Powered access - Premium kit

Model	Description	Product Code
Powered access - Premium kit	Harness HT45, Size M Fall arrester 1.80m - blocfor™ 1,8 A ESD Bag : combipro 20l	67522

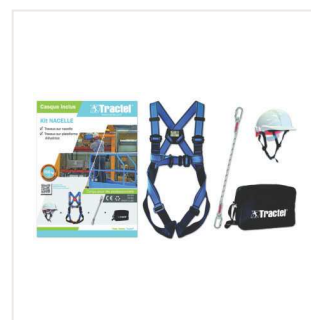
Made in France



Powered access - Helmet included

Model	Description	Product Code
Powered access - Helmet included	Box Harness HT22, Size M Lanyard LD, 1,5 m. Helmet Medium bag	82992

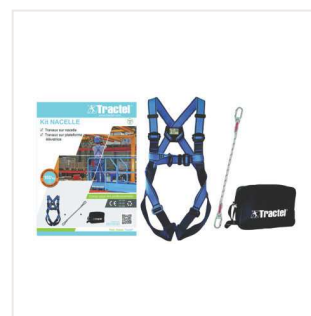
Made in France



Powered access

Model	Description	Product Code
Powered access	Box Harness HT22, Size M Lanyard LD, 1,5 m. Medium bag	72552

Made in France



Scaffolding installers

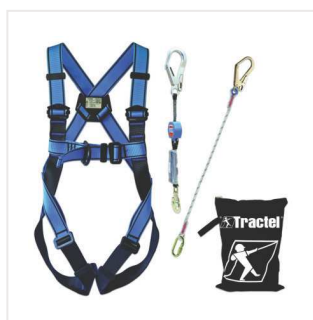
Kit designed for scaffolding installers.



Scaffolding installers

Model	Description	Product Code
Scaffolding installers	Box Harness HT22, size M Twin lanyard LDF 1.5 m Bag	70152

Made in France



Scaffolding installers - Premium

Model	Description	Product Code
Scaffolding installers - Premium	Harness HT22, Size M Fall arrester 1.8m - blocfor™ 1.8B ESD Lanyard LD11 1,5 10-53 Small bag	83102

Made in France



Roofer

Kits for use by Roofers, Carpenters and Metal Workers, enabling greater freedom of movement and control over working positions.

Roofer kit

Model	Description	Product Code
Roofer kit	Box	70162
	Harness HT22, Size M	
	Fall arrester Stopfor KSP 100 kg	
	Rope RLXD 10m	
	Connector M10	
	Bag	



Made in France

Roofer

- Harness HT22, size M
- Fall arrester stopfor™ MSP, strap 0.3m
- Connector M10
- Bag : combipro 30l

Model	Description	Product Code
Roofer	Rope RLX 10m	40862
Roofer	Rope RLX 15m	40872
Roofer	Rope RLX 20m	40882



Made in France



Working at height / Easytrac

Kits designed for all trades with high vertical displacement. / Kits for occasional jobs.

Working at height - Helmet included

Model	Description	Product Code
Working at height - Helmet included	Box	82982
	Harness HT22, Size M	
	Fall arrester stopfor™ K	
	Rope RLXD 10m	
	Connector M10	
	Helmet	
	Bag	

Made in France

Working at height

Model	Description	Product Code
	Box	72562
	Harness HT22, Size M	
	Fall arrester Stopfor K	
	Rope RLXD 10m	
	Connector M10	
	Bag	

Made in France

Easytrac

Model	Description	Product Code
Easytrac	Harness HT21, Size M	35322
	Fall arrester stopfor™ BF, with strap 0.3m	
	Rope RLX 10m	
	Connector M10	
	Anchor AS19S	
	Bag : combipro 20l	

Made in France



Waterproofers / Window cleaner

Kits for waterproofers working on slight gradient terrace roofs. / Kits designed for professionals working on windows or other exterior openings on premises not equipped with anchor points.

Waterproofers - Premium Pack

Model	Description	Product Code
Waterproofers - Premium Pack	Harness HT45, Size M	64242
	Fall arrester 10m - blocfor™ 10 ESD	
	Anchor AS19S	
	Bag : combipro 30l	

Made in France



Waterproofers

Model	Description	Product Code
Waterproofers	Harness HT22, Size M	38412
	Fall arrester 10m - blocfor™ 10 ESD	
	Anchor AS19S	
	Bag : combipro 30l	

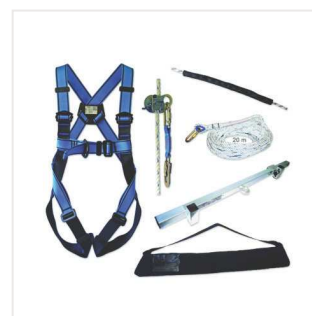
Made in France



Window cleaner

Model	Description	Product Code
Window cleaner	Harness HT22, size M	67542
	Fall arrester stopfor™ MSP	
	Rope RLX 20m	
	Sleeve	
	Door bar	
	Door bar bag	

Made in France



Tree surgeons

Kits for professional tree surgeons designed for long duration interventions.



Tree surgeons - Pro

Model	Description	Product Code
Tree surgeons - Pro	Harness HT greentool, Size M	51982
	Prussik knot	
	Kernmantle rope for tree puning 30m	
	Lanyard LCM03	
	Bag : combipro 60l	

Made in France



Tree surgeons

Model	Description	Product Code
Tree surgeons	Harness HT secours, Size M	38452
	Fall arrester stopfor™ MSP strap 0,3m	
	Rope 20m	
	Lanyard LCM03	
	Bag : combipro 60l	

Made in France



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.



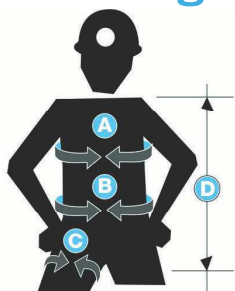
LATERAL

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 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

Harness series

Specialist series

EN 358 / EN 361 / EN 813

Harnesses dedicated to specialized activities, where comfort must be optimal: range dedicated to long-term use and which require a complementary fall arrest system such as work positioning, or work in suspension.

NEW



HT Access

HT Secours

HT Promast

HT Transport

HT Greentool

HT Electra

HT Easyclimb

HT55 CS

HT ladytrac

Expert series

EN 361

Versatile, high-comfort harnesses for long-term work at height: quick fitting range, dedicated to long-term use and/or for seeking optimum comfort.



HT56

HT55

HT120

HT46

HT45

HT45 with jacket

HT44

Pro series

EN 361

Multi-purpose harnesses for regular, short-term work at height: range of easy-to-use harnesses that meet a minimum of comfort.



HT34

HT43

HT42

HT22

HT22 with jacket

Essential series

EN 361

Harnesses designed for occasional, rare and short-term work at height.



HT21

HT11

Specialist series



Comfort	<div><div></div><div></div><div></div><div></div><div></div></div>
Frequency of use	<div><div></div><div></div><div></div><div></div><div></div></div>
Integrated options	<div><div></div><div></div><div></div><div></div><div></div></div>



Semi-rigid loops on the belt



Shoulder adjustment and automatic buckle



Sternal connection point



Umbilical connection point

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

Accessories for HT Access

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

Sternal ascent rope clamp

This rope clamp completes the HT Access for rope access operation. Combined with the correct accessories, the user can do rope access activities using the Jumar technic. It can be easily installed on the harness by the user. Certified for user up to 100kg. This rope clamp is dedicated to the harness HT Access.



Model	Product Code
Sternal ascent rope clamp for HT Access	86552

Ascender Grip

For ascent during rope access operation. Self-locking handle for ropes with a diameter between 8 to 12mm.



Model	Product Code
Ascent handled rope clamp	65742

Ascent foot clamp

For ascent during rope access operation. Foot loop with adjustable strap.



Model	Product Code
Ascender foot-loop	40122

LSF - jumar

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



The LSF Jumar lanyard is used for connecting rope access accessories such as an ascent handle and a foot loop to the ombilical attachment point on the harness.

Model	Product Code
LSF - Jumar	65772

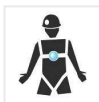
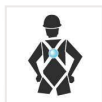




Specialist series

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).



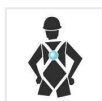
Comfort
 Frequency of use
 Integrated options

Made in France

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

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



Comfort
 Frequency of use
 Integrated options

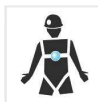
Made in France

	S	M	XL
HT Promast - Automatics buckles	65242	65252	65262
HT Promast - Automatics buckles with Elastrac™	65712	65722	65732

Specialist series

Harness HT Transport

EN361 - EN358 - EN813



Comfort



Frequency of use



Integrated options



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 - Boucles automatiques	65942	65952	65962	-
HT Transport - Boucles automatiques - Elastrac™	65972	65982	65992	80832

Made in France

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.

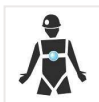
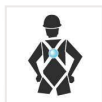


Model	Product Code
Work seat	65762

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).



Comfort

Frequency of use

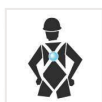
Integrated options

Made in France

	S	M	XL	XXL
HT Greentool - Automatic buckles	66002	66012	66022	-
HT Greentool - Automatic buckles with Elastrac™	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).



Comfort

Frequency of use

Integrated options

Made in France

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

Specialist series



Comfort	<div></div>
Frequency of use	<div></div>
Integrated options	<div></div>

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).

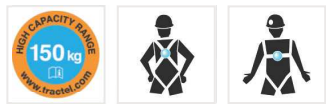
	S	M	XL	XXL
HT Easyclimb - Automatic buckles	66482	66492	66502	-
HT Easyclimb - Automatic buckles with Elastrac™	66452	66462	66472	80712

Made in France

Specialist series

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 - Espace Confiné	83902	83912	83922

Made in France



Ladytrac harness

A harness designed for women, a Tractel patented design.



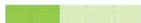
Comfort



Frequency of use



Integrated options



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

In addition, the Ladytrac B version has:

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

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

Made in France

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 big confort for a long 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 subpelviene 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 - Standards Buckles	65302	65312	65322	-
HT56 A - Automatics	65332	65342	65352	80682
HT56 A - Automatics - Elastrac™	65682	65692	65702	80692



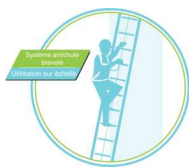
Harness HT55

EN361



	S	M	XL	XXL
HT55 - Standards Buckles	65592	65602	65612	-
HT55 A - Automatics	65622	65632	65642	80632
HT55 A - Automatics - Elastrac™	65652	65662	65672	-

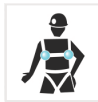




Comfort	<div><div></div><div></div><div></div></div>
Frequency of use	<div><div></div><div></div><div></div></div>
Integrated options	<div><div></div><div></div><div></div></div>

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

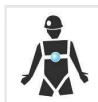
Made in France



Comfort	<div><div></div><div></div><div></div></div>
Frequency of use	<div><div></div><div></div><div></div></div>
Integrated options	<div><div></div><div></div><div></div></div>

Harness HT46

EN361



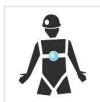
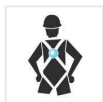
- Comfortable for long periods of work
- 1 dorsal "Forged D clip", 1 sternal and 2 thoracic ones
- 5 adjustment points.
- 1 sub-pelvic strap
- Sliders for strap adjustment. Cannot be removed for security reasons.
- High comfort independent mountain leg strap
- Label holder.

	S	M	XL	XXL
HT46 - Standard buckles	55042	55052	55062	-
HT46 A - Automatics	52972	52982	52992	80552
HT46A - Automatics - Elastrac™	54952	54962	54972	-

Expert series

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
HT45 A - Automatics	53072	53082	53092	-
HT45 AE - Automatics - Elastrac	54922	54932	54942	-



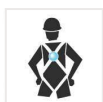
Comfort

Frequency of use

Integrated options

Harness HT45 with jacket

EN361



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



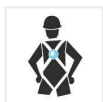
Comfort

Frequency of use

Integrated options

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



Comfort

Frequency of use

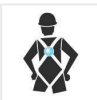
Integrated options

Pro series



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



Harness HT43

EN361



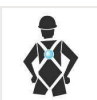
- 1 dorsal forged D anchorage.
- 1 sternal textile loop anchorage.
- 2 thoracic anchorage.
- 5 adjustment points.
- 1 sub-pelvic strap.

	S	M	XL
HT43 - Standard buckles	33302	33292	33312
HT43 A - Automatic buckles	33332	33322	33342



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

Pro series

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
HT22 - Standard buckles - X-Pad	69272	69292	80322



Comfort	<div><div></div></div>
Frequency of use	<div><div></div></div>
Integrated options	<div><div></div></div>

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	-



Comfort	<div><div></div></div>
Frequency of use	<div><div></div></div>
Integrated options	<div><div></div></div>

Pro series



Harness HT22 with jacket

EN361



- 1 dorsal forged D anchorage.
- 1 sternal textile loop anchorage.
- 5 adjustment points.
- 1 subpelviene 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

Frequency of use

Integrated options



Pro series

Harness HT22R

EN361 - EN1497

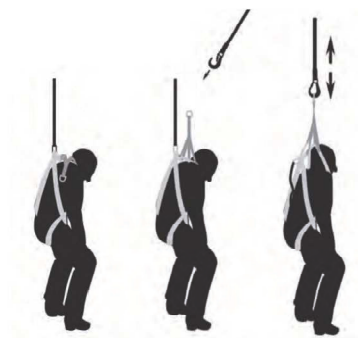


Universal harness with standard buckles and rescue straps.

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 - Standard buckles	44952	44962	44972



Comfort	<div><div></div><div></div><div></div></div>
Frequency of use	<div><div></div><div></div><div></div></div>
Integrated options	<div><div></div><div></div><div></div></div>

HT9 Evacuation triangle

EN1497

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

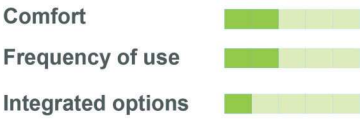
Due to its 3 adjustment settings, the HT9 can be used with both children and adults.

- EN 1497.

Model	Product Code
HT9 Evacuation Harness	17622

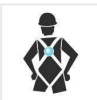


Essential series



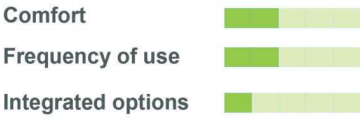
Harness HT21

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

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) 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.

Safety belts

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.



Made in France

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



Made in France

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

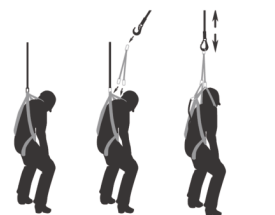
Options

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

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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)

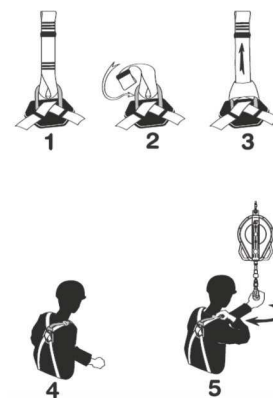
- Webbing width 45 mm
- Total length: 260 mm
- 2 sewn loops
- Max. working load: 150 kg

Material

- Webbing: polyester

Model	Product Code
Option RL	32872

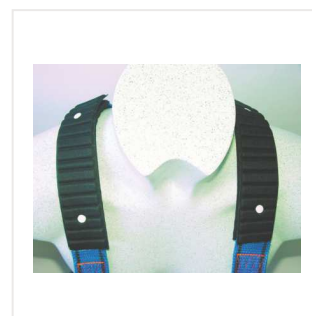
Made in France



Padded Shoulder Straps

- Extra comfort accessories.
- Kit of 2 padded shoulder straps.
- Can be fitted to any harness without an X-pad.

Model	Product Code
Padded Shoulder Pads	10112



Accessories



Comfort strap

The comfort strap 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.

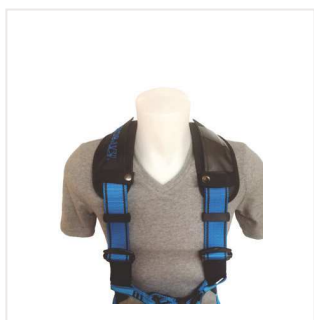
Step 2 - Place both feet in the foot loop.

Step 3 - Adjust the strap as required.

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

Model	Product Code
Comfort Strap	66182

NEW



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	N 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.

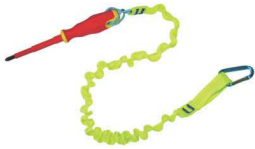


Model	Product Code
High-visibility vest - Orange	75672
High-visibility vest - Yellow	75662



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

Helmets

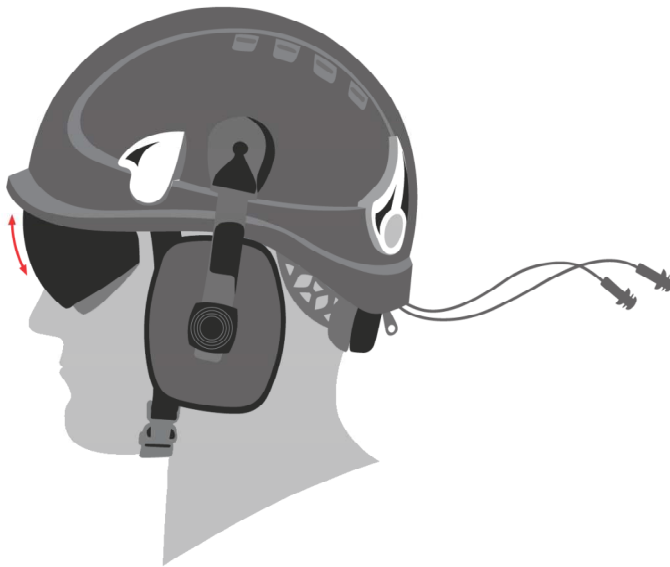
TR2000 helmet with 4 point chinstrap

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



Helmets



High visibility helmet

The high visibility safety helmet offers a high level of comfort. This model allows users to be visible day and night.

Complies with standards EN 397, EN 50365 and EN12899-1, for conventional use and low voltage electrical use.

The high visibility helmet combines advanced industrial safety standards with a modern design, specially designed to work at height with a reduced visor to maximize the visibility of the user.

Characteristics :

- Quick and precise adjustment: Adjustment by dial integrated in the suspension, from 52 to 64 cm.
- Lightweight: 420 g, allows prolonged use and better comfort.
- High resistance: Can be used down to -40 ° C.
- Fully removable and adjustable 4-point chinstrap: allows the helmet to be used for work at height or on the ground.
- Micro ventilation: allows ventilation of the head and dissipates heat.

Model	Product Code
Secure Plus helmet - High visibility - Yellow	47802
Secure Plus helmet - High visibility - Orange	47552
Secure Plus helmet	49162



Helmet

Model	Product Code
Secure Plus helmet	47662

Model	Product Code
mounted ear defenders	47272
Integrated visor, clear	47502
Integrated visor, tinted	47512
LED headlamp	47632
Protective visor - clear	47652

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
Door anchor 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 EN 360 and to European data sheets PPE-R/11.060 (for horizontal use) & PPE-R/11.062 (for use above 100 kg).

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 EN 353-2 and to European data sheets PPE-R/11.060 (for horizontal use) & PPE-R/11.062 (for use above 100 kg).

Shock-absorbing fall arrest: shock-absorbing lanyard range

These fall arrest devices are suited to tasks where the operator must be connected to the ground or for work where there is limited freedom of movement.

Conform to European data sheets PPE-R/11.060 (for horizontal use) & PPE-R/11.062 (for use above 100 kg).

WORK APPLICATIONS

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

WORK APPLICATIONS

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

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 hangs on the stand 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 drop coefficient of 2 that can generate trauma to the user. In case of a fall the absorber will tear reducing 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, from ranging from 1.8 m to 30 m with different material for the rope.

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

Tractel also offers Blocfor combined with rescue device. Only 2 versions are existing with the rescue combination, 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 10 m and 30 m 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 PPE-R/11.060 are performed to ensure these Blocfor can be used on flat roof.

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

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



* *except stainless steel version*



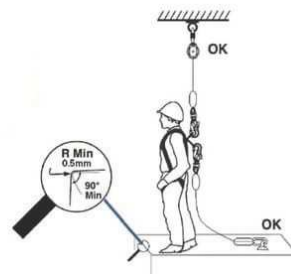
Blocfor 1.8 ESD

Fall arrest devices

Automatic fall arrester with strap 1.80 m for vertical or horizontal use.

For the user, the Blocfor 1.8A & 1.8B ESD has many advantages:

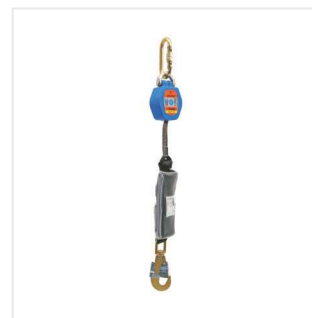
- Lightweight and compact, which makes it easy to carry and use.
- Aramid strap : Width of 15 mm, length of 1.45 m.
- Plastic housing, anti-UV, very resistant to shocks and ageing.
- Easy to install on different types of anchors thanks to several connectors (M10, M51 or M53).
- Easy to connect to the harness thanks to the M47 trunnion 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, 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.



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



Made in France

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



Made in France

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.



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

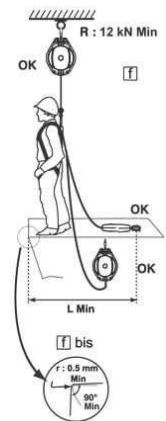
This situation is often described as Fall Factor 2 and many fall arrest blocks explicitly forbid this kind of use in the user manual.

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 meter 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



NEW

Made in France



Blocfor 1.8A EVO ESD 150KG

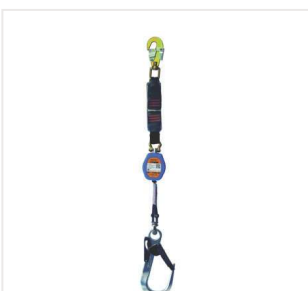
EN 360, CNB/P/11.060, CNB/P/11.062, CNB/P/11.085

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		86292



Blocfor 1.8 DUO EVO ESD

Fall arrest devices

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. Due to the fact you are probably in an area where you have a falling hazard you have to be connected constantly.

So we 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. If you work like this you will be always 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 unrolled. The ESD system reduces the violence of 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 big opening, made in aluminium: universal and light.
- Reduced space requirement.
- Very low weight.
- Good ergonomics that ensures a perfect grip.
- One end is equipped with the Tractel ESD system.

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
Blocfor 1.8B DUO ESD 150KG M47-M51	2.66	84762
Blocfor 1.8B DUO ESD 150KG M47-M54		86992

Made in France

NEW



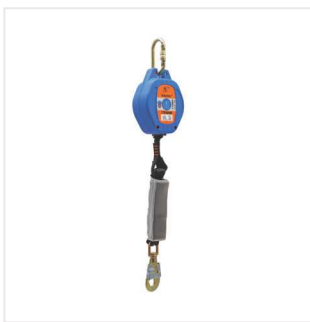
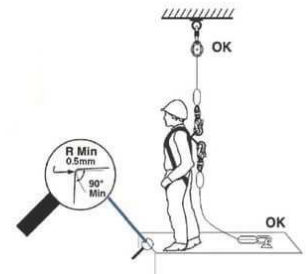
Blocfor 5 & 6 ESD

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, 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.
- Ergonomically shaped: easy to transport and to install.



EN 360, CNB/P/11.060, CNB/P/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



Made in France



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:

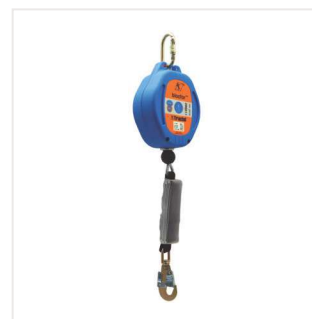
- Plastic housing made of a polyamide/ ABS blend : very resistant to shocks and and to UV.
- Galvanised rope (Blocfor 10 ESD G) / Synthetic rope (Blocfor 10 ESD SR)
- Simplified mechanism to optimize maintenance.
- Shock-absorption system ESD is also a fall indicator, eliminating the risk of using the 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.
- Ergonomically shaped.

Blocfor 10 ESD 150kg

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	70572
Blocfor 10 ESD G M24-M47	Galvanised rope	5.52	86092
Blocfor ESD SR M10-M47	Synthetic rope	4.50	74372

Made in France



Blocfor 10 ESD I 150kg

EN 360, CNB/P/11.062

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

Made in France



Blocfor 20 EVO ESD 150kg

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

NEW



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.

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.

[Find out more here.](#)

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

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



Blocfor 30 ESD

Fall arrest devices

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

- 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
- Can be used horizontally without the use of a lanyard between the end of the strap and harness
- 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 30 metres, version with galvanised, stainless steel or synthetic cable
- Blocfor 30 housing made of coated aluminium: highly resistant to shocks and abrasion
- Lightweight
- M47 swivel connector at end of shock absorber (Stainless steel model with stainless steel M10 hook)
- 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

Made in France

(Blocfor 30 ESD I only suitable for vertical use)

Blocfor 20R & 30R ESD

Fall arrest devices 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.



Model	Weight (kg)	Product Code
Blocfor 20R ESD G 150kg	11,62	75492
Blocfor 30R ESD G 150kg	20	75502

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.

Product	Stopfor for stranded rope			
	B	BF	MSP	SL
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)	✓	✓	✓	✓

Product	Stopfor for braided rope				
	KS 150kg	KSP 150kg	K	KS	KSP
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



Stopfor B - 150 kg

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

Made in France



Stopfor BF - 150 kg

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

Made in France

Fall Arresters - Stopfor

150 kg / Fall arresters on a flexible anchor line

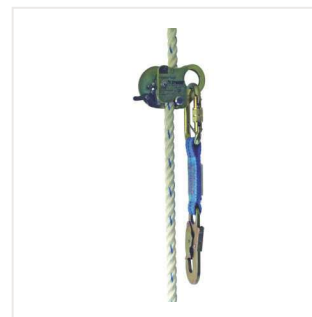
Stopfor MSP - 150 kg

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.

Model	Product Code
Stopfor MSP	207018

Made in France

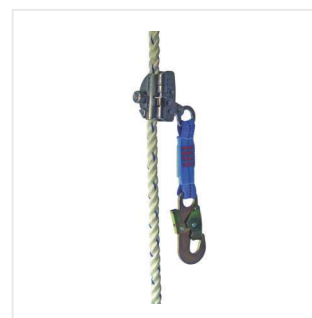


Stopfor SL - 150 kg

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



Rope RLX

For Stopfor B / BF/ MSP / SL

Rope RLX ø 14 mm.

EN 353-2



RLX14 - stop end + M10

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

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

Fall Arresters - Stopfor

150 kg / Fall arresters on a flexible anchor line

Stopfor KS - 150 kg

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

Made in France



Stopfor KSP - 150 kg

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

Made in France



Fall Arresters - Stopfor

100 kg / 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

Made in France



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

Made in France

Fall Arresters - Stopfor

100 kg / Fall arresters on a flexible anchor line

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

Made in France



Braided rope RLXD

For Stopfor KS / KSP / K

Braided rope ø 11 mm

EN 353-2



RLXD 11 - stop end + M10

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 11 - stop end+ spliced buckle end

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 11 - stop end + M41

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.



Restreint 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.

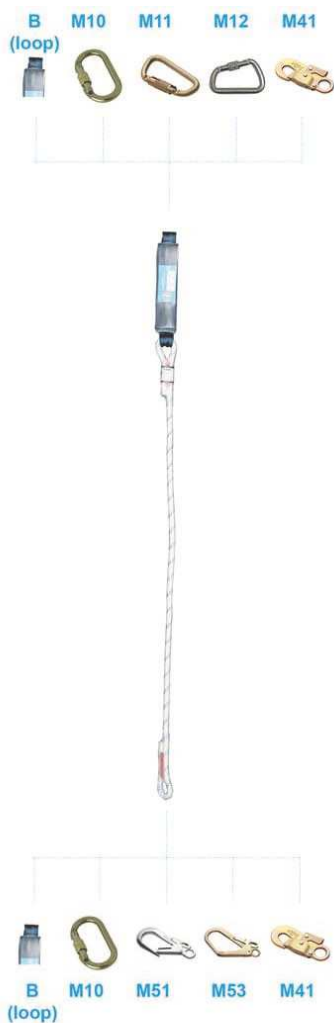
The work positioning lanyard is exiting in **3 different materials**:



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

LDA 150 kg

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

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LDAD 150 kg

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

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Made in France



LSA 150 kg

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

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Made in France

LSAD 150 kg

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

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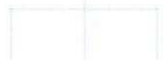


LSEA 150 kg

Absorbing lanyards



M10 M41



M10 M51 M53

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

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Made in France

EN358 - CNB/P/11.062

Adjustable lanyard LDR ø 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 braided rope ø11mm 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

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LCM 03

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 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

*except sleeve
Connectors page233



Made in France*

LCM 05

Work positioning lanyard

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

*except sleeve

Connectors page 233



Made in France*



LCM 06

Work positioning lanyards



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

*except sleeve

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Made in France*

LD 11 - Braided Rope Lanyard

Restraint lanyards

EN354 - CNB/P/11.062

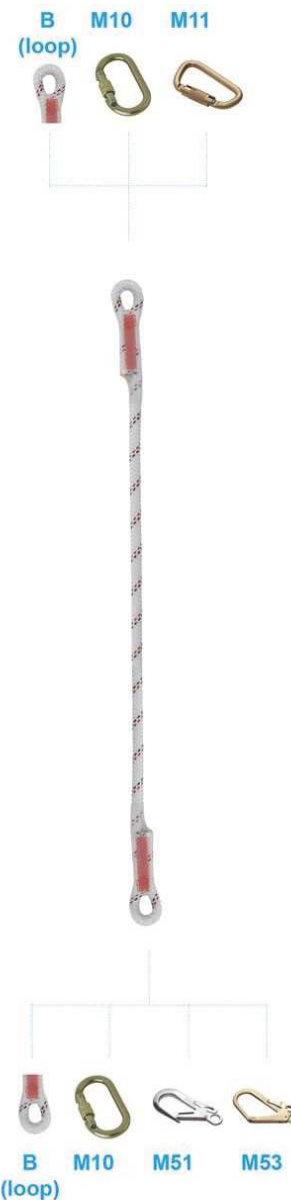
Braided Rope Lanyard \varnothing 11mm made of polyamide of 6.6 tex with extremity uckled and stitched.

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

- EN354

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

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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.

- EN354

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

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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.

- EN 354

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

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Made in France



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.

- EN354

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

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Made in France

Connectors



Steel Connectors

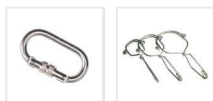
EN362



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
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

Stainless Steel Connectors

EN362



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

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

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

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



M31

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



M32

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



M33

- 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™



- travesafe™
- travflex™ 2
- travsmart
- travespring™
- travespring™ One



EN 795 Type D

Anchor devices using a rigide horizontal anchor line.

- travrail



EN 795 Type E

Deadweight anchor devices.

- mobifor



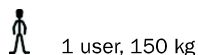
Anchors

Type A anchor: fixed anchors



Anchor - PAS

EN795-A



1 user, 150 kg

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 - PA

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



2 users, 150 kg

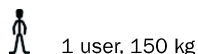
Tested to stop the fall of two operators weighing 150kg each (including the weight of their equipment)

- 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 - Ringsafe

EN795-A



1 user, 150 kg

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 - PO

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



2 users, 150 kg

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

Anchors

Type A anchor: fixed anchors

Anchor - Ringflex

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

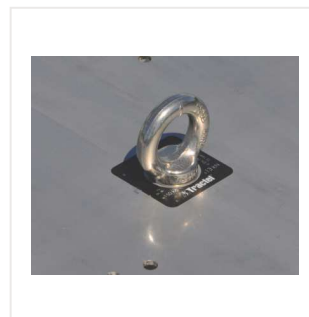
The Ringflex anchor point is designed for installation on flexible roofs of corrugated tray (steel or aluminium), dry tray or rolled tray (top seal) types.

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



Characteristics of trays for use of universal plates:
Mini steel tray and sandwich panel thickness: 0.4 mm
Mini aluminum tray standing seam thickness: 1 mm
Waves: 200 to 350 mm



2 users, 150 kg

NB : The ringflex is sold without an anchor plate.

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

Anchors

Type A anchor: fixed anchors



1 user, 100 kg

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

Dynaline - Dynaplug

Dynaline HF 45

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

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

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



- The 250 and 500 mm height posts are certified to be used by one person up to 150 kg or two people up to 100 kg each. * The 750 mm high posts are certified to be used by a person up to 100 kg



Square base



Square base 20° inclined



Rectangular base



Base plate for roof ridges

Anchor post with a square base plate 270 x 270 mm.

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.	66968
Anchor post with a square base plate 270 x 270 mm.	72338

Anchor post with a rectangular base plate 352 x 160 mm.

Model	Product Code
Anchor post with a rectangular base plate 352 x 160 mm.	72038
Anchor post with a rectangular base plate 352 x 160 mm.	72058
Anchor post with a rectangular base plate 352 x 160 mm.	72348

Anchor post with a square base plate 270 x 270 mm, 20° inclined.

Model	Product Code
Anchor post with a square base plate 270 x 270 mm, 20° inclined.	72318
Anchor post with a square base plate 270 x 270 mm, 20° inclined	72328

Anchor post with a base plate for roof ridges 350 x 370 mm.

Model	Product Code
Anchor post with a base plate for roof ridges 350 x 370 mm.	72048
Anchor post with a base plate for roof ridges 350 x 370 mm.	72068

Posts

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.



- The 250 and 500 mm height posts are certified to be used by one person up to 150 kg or two people up to 100 kg each. * The 750 mm high posts are certified to be used by a person up to 100 kg



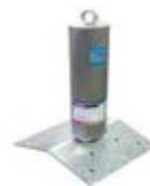
Square base



Square base 20° inclined



Rectangular base



Base plate for roof ridges

Anchor post with a square base plate 270 x 270 mm.

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.	186588
Anchor post with a square base plate 270 x 270 mm.	186628

Anchor post with a rectangular base plate 352 x 160 mm.

Model	Product Code
Anchor post with a rectangular base plate 352 x 160 mm.	186568
Anchor post with a rectangular base plate 352 x 160 mm.	186608
Anchor post with a rectangular base plate 352 x 160 mm.	186638

Anchor post with a square base plate 270 x 270 mm, 20° inclined.

Model	Product Code
Anchor post with a square base plate 270 x 270 mm, 20° inclined.	186558
Anchor post with a square base plate 270 x 270 mm, 20° inclined.	186598

Anchor post with a base plate for roof ridges 350 x 370 mm.

Model	Product Code
Anchor post with a base plate for roof ridges 350 x 370 mm.	186578
Anchor post with a base plate for roof ridges 350 x 370 mm.	186618

Posts

Stainless steel anchor posts

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



- The 250 and 500 mm height posts are certified to be used by one person up to 150 kg or two people up to 100 kg each. * The 750 mm high posts are certified to be used by a person up to 100 kg



Square base



Rectangular base



Base plate for roof ridges

Anchor post with a square base plate 270 x 270 mm.

Model	Product Code
Anchor post with a square base plate 270 x 270 mm.	186748
Anchor post with a square base plate 270 x 270 mm.	186778

Anchor post with a rectangular base plate 352 x 160 mm.

Model	Product Code
Anchor post with a rectangular base plate 352 x 160 mm.	186758
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.

Model	Product Code
Anchor post with a base plate for roof ridges 350 x 370 mm.	186768
Anchor post with a base plate for roof ridges 350 x 370 mm.	186798

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

Anchors

Type B anchor: mobile anchors - (EN 795)

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



Made in France



1 user, 150 kg

Anchor Point AS19S GA

EN795-B

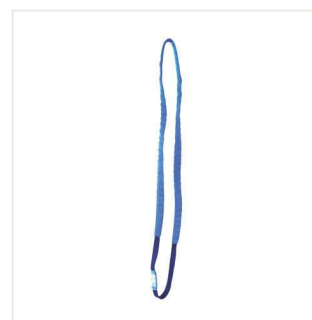
Ring (supplied without connector) for anchoring on a structure on which a fall-arrest system has been installed.

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.

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



Made in France



1 user, 150 kg

Anchors

Type B anchor: mobile anchors - (EN795)



1 user, 150 kg

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

Made in France



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

Anchors

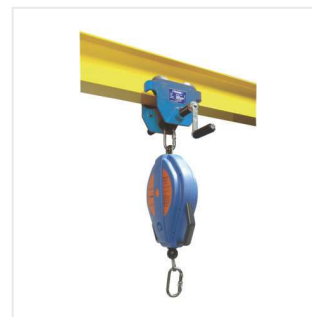
Type B anchor: mobile anchors - (EN795)

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



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 (kg)	Product Code
medium	1.500	86009
large	2.080	86019



Made in France



1 user, 150 kg

Anchor points

Type B anchor: mobile anchors



Tested to stop the fall of
2 users, 100 kg

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,
150kg.

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.

Model	Weight (kg)	Product Code
Door anchor bar 150kg	9	294649



Door anchor bag

Model	Product Code
Door anchor bag	68752

Anchors

Type B anchor: mobile anchors - (EN795)

Pole

EN795-B

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

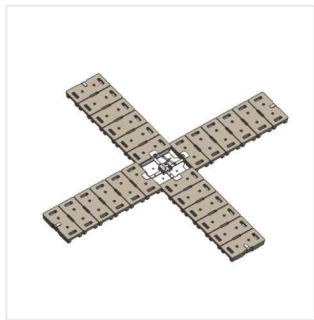
- polyester pole
- With adapter for karabiner AM53 or AM54
- Pole weight : 2.685 kg
- Karabiner weight : 0.765 kg

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



Mobifor

Deadweight anchoring system



1 user, 100 kg.

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	394	279409



Confined access range

Davitrac



- 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



- 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



- 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



- Permanent anchor point (150 kg)
- Semi-permanent installation
- Manual

FABA ladder



Davitrac

Davit arm for confined space entry, safe lifting solution

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



Made in France

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





Made in France

Blocfor with bracket for Davitrac

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



Made in France

CaRol R with bracket for Davitrac

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

Scafor with bracket for Davitrac

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.

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



Made in France

Davitrac



Made in France

CaRol TS 500 - lifting materials - with 18m of galvanized cable and bracket for Davitrac

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
CaRol TS 500 - with 18m of galvanized cable and bracket for Davitrac	286989



Made in France

CaRol MO with console for Davitrac - lifting materials

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
CaRol 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

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





Made in France

Davimast

davimast is a complete solution for safe vertical lifting of person and material in confined spaces situation.

Mobile and efficient solution for rescue 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.

Model	Product Code	Model Name
Davimast - mast	210188	Davimast - mast

Model	Product Code
Bag for Davimast	68752



Made in France

Davimast equipped with 2 anchor points 360° to secure persons

Technical characteristics:

- 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

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 operators of 150 kg each.

- 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 davimast.

Technical characteristics:

- Anchor point with a maximum capacity of 2 operators of 150 kg.
- Bracket equipped with blocfor™ R (automatic fall arrester with rescue winch 20m or 30m length)
- Bracket equipped of 1 PPE anchor point 150kg (allows person staying on surface to be secured)
- Lightweight, easy storage, transport and set-up
- No tools required for assembly
- Same bases than davitrac (except self-stabilizing base)

Standards:

- EN 795-A : 2012 (bracket + base anchor point)
- CEN/TS 16415:2013-B (bracket + base multiuser).
- EN 1496 / EN 360 (blocfor™ R)

Model	Product Code
Davimast - mast	210188
Blocfor 20R galva ESD with bracket for Davimast - 150kg range	84362
Blocfor 20R inox with bracket for Davimast - 100kg range	84372
Blocfor 30R galva ESD with bracket for Davimast - 150kg range	84382
Blocfor 30R stainless steel with bracket for Davimast - 100kg range	84392



Made in France



Made in France

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)

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



Davimast equipped with 2 anchor points 360° for horizontal lifeline

Technical characteristics:

- Anchor point with a maximum capacity of 2 operators of 150 kg each connected directly on the PPE anchor point 360°.
- Bracket equipped with 2 anchor points 360° has braking load $R \leq 1500 \text{ daN}$
- Can be used with temporary lifeline tempo 3 with 3 users of 150 kg connected on the lifeline.
- Lightweight, easy storage, transport and set-up.
- No tools required for assembly
- Same bases than davitrac (except self-stabilizing base)

Standards:

- EN 795-A : 2012 (bracket + base anchor point)
- CEN/TS 16415:2013-B (bracket + base multiuser)

Model	Product Code
Davimast - mast	210188
bracket with 2 anchor points	210198
Tempo III kit	62862

Permanent adapters for Davitrac

Permanent adapters



Mounted floor adapter



Clearance mural adapter



Flush floor adapter

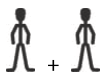


Wall mounted adapter

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

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.

Made in France



Tracpode

Tracpode

- Adjustable to 1.53m - 1.72m - 1.91m - 2.10m - 2.29m - 2.48m (mas height)
- Width (depending of the height choosed) : 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

Made in France



Tracpode - short model

- Adjustable to 1.28m - 1.47m - 1.66m - 1.85m - 2.04m - 2.23m (mas height)
- Width (depending of the height choosed) : 1.01m - 1.15m - 1.28m - 1.41m - 1.54m - 1.67m

Model	Product Code
Tracpode - short model	278039
Tracpode + PPE pulley kit	278049
Tracpode + 2 PPE pulley kits	278059
PPE pulley kit	196968
Lifting pulley kit	196958

Made in France



Bag : tracpode

Model	Product Code
tracpode canvas bag	31572





Made in France

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 20R - galvanised - 150kg range - without bracket	7.6	75492
Blocfor 20R I - stainless steel - 100kg range - without bracket	7.6	28612
Blocfor 30R - galvanised - 150kg range - without bracket	14.3	75502
Blocfor 30R I - stainless steel - 100kg range - without bracket	14.3	42972
Blocfor leg bracket	3	200368



Made in France

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.

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



Made in France

Model	Product Code
Derope with bracket for tracpode	87498
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.





Made in France

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.

To secure the work of an operator on a length greater than 30m, use a Stopfor fall arrester with a suitable length of rope.

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

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 disassembled. 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 anchors points.

As an option, it can be fitted with a bracket to support a Blocfor 20R or 30R

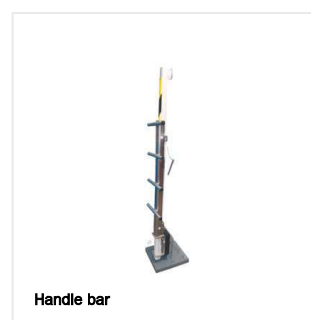
The Tracrod Handle bar is an accessory that attaches to the Tracrod.

It improves the access to the manhole by providing additional handles while entering or exiting.

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
5 cm thick spacer block	218118
Handle bar	N 86642



Made in France



Tested to stop the fall of
2 users, 150 kg

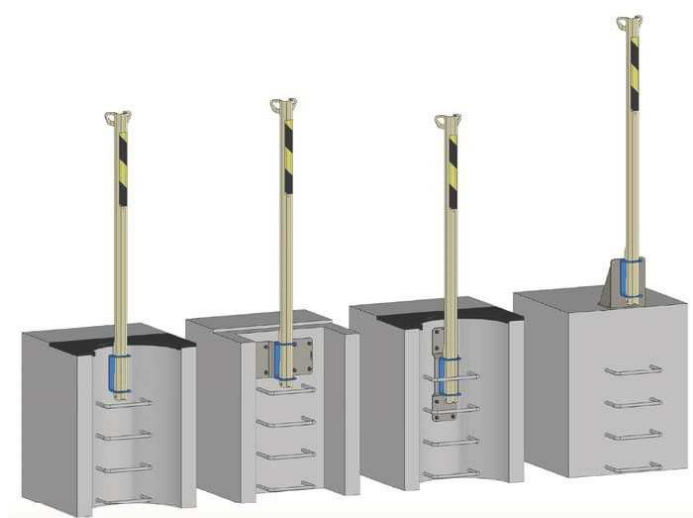


Image 1 : Support mount (207118)

Image 2 : Securing plate (207368)

Image 3 : Universal low density structure base (round or square look) (210588)

Image 4 : Chair base (210598)



Made in France

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

FABA System A12

Fall arresters on rail for sewerod 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.



"Confined space" range

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



Made in France

	S	M	XL
HT55 AE Confined space	83902	83912	83922

Pro series

Harness HT22R

EN361 - EN1497

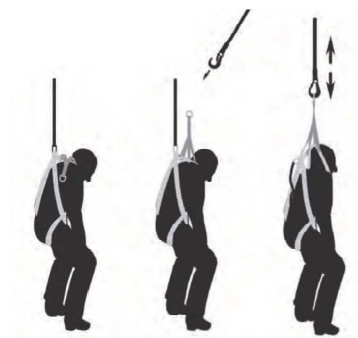


Universal harness with standard buckles and rescue straps.

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 - Standard buckles	44952	44962	44972



Comfort	<div><div></div><div></div><div></div></div>
Frequency of use	<div><div></div><div></div><div></div></div>
Integrated options	<div><div></div><div></div><div></div></div>

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.

- EN 1497.

Model	Product Code
HT9 Evacuation Harness	17622



Lifeline



Temporary lifelines

EN 795 B/C - 2012

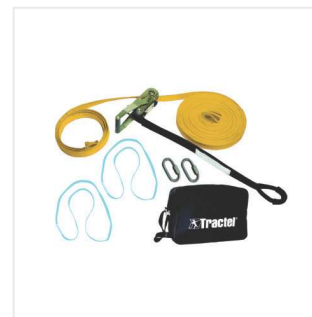
Tempo 2 - Temporary Lifeline

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



Made in France

Tempo 3 - Braided Rope - Temporary Lifeline

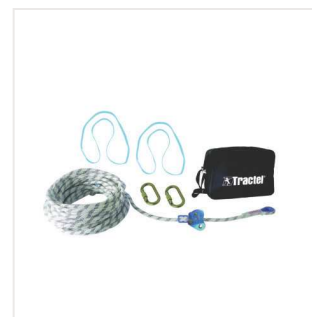
EN795-B - CEN/TS16415

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

Using a static rope, 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 III kit	62862



Made in France

Temporary lifelines

EN 795 B/C - 2012



Made in France

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
Intermediate anchor crossing (Comfort of use)	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
Lifeline length	Up and above 200m		Up to 200m			
Frequency of use	Daily		Regular		Occasional	
Sliders availability	Standard, Opening, Rollsafe for overhead	Standard, Rolling/rope access, Rope access for wall	Bi-directional slider ³		Not available	
Installation type						
Overhead	☐	☐	-	☐	-	-
Wall and floor	☐					
Distance between anchor ¹	30 m	6 m	15 m			
Deflection of the lifeline ¹ (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
Force on end anchor ¹ (Configuration: 5x 15m, 1 user 150kg)	High 28 kN	Low 7 kN ²	Lowest 6 kN	Low 7 kN	Medium 10 kN	Medium 10 kN
Specific installation	Heavy structure	Standard structure	Lightweight structure	Standard structure		
Maximum of simultaneous user	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		
Main material	Stainless steel or galvanised steel	Aluminium	Stainless steel or galvanised steel			Galvanised steel

¹ (depending on the specific configuration of the lifeline)

² (irrelevant of the number of simultaneous user with max weight of 100 kg)

³ (switch from one side to the other side of the wire rope without disconnecting)



Travsafe

Twin cables lifeline



Tested to stop the fall of
3 users, 150kg

OR



5 users, 100kg



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:

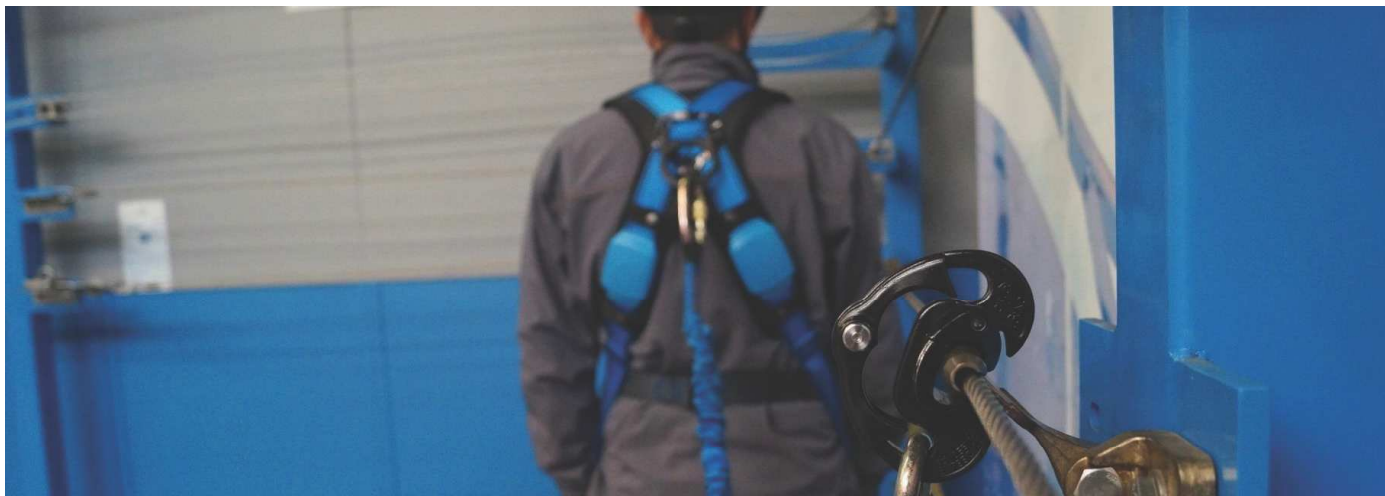
- Travsafe with stainless steel shock absorber rings
- Travsafe with two-material shock absorber ring

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.



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.



Tested to stop the fall of
3 users, 150kg

OR



5 users, 100kg





Made in France*

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

* except additional meter of cable

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

* except additional meter of cable

Model	Product Code
travsmart end anchor for ground, wall and overhead	193897
End anchor for post	66698

* except additional meter of cable

Model	Product Code
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

* except additional meter of cable

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

Travflex 2



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.



Tested to stop the fall of
2 users, 150kg

OR



3 users, 100kg



Travflex 2



Made in France*

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

* except additional meter of cable

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

* except additional meter of cable

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

* except additional meter of cable

Exemple:

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

I have to order :

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

Travflex 2

Universal plate



Universal mounting plate for Travflex 2 on light structures

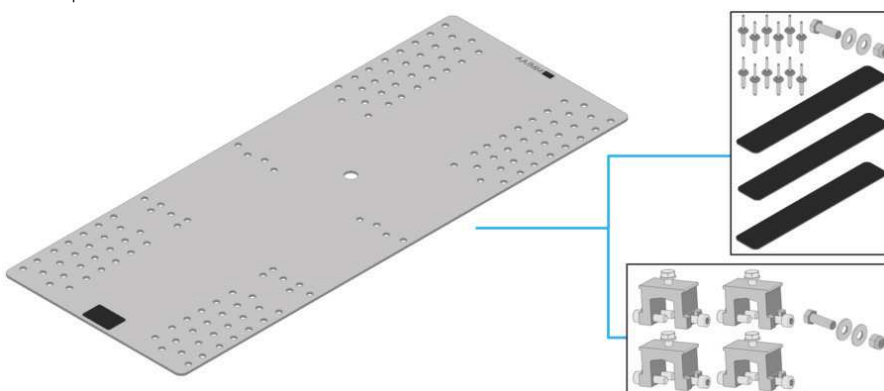
The universal plate is designed to be installed on light structures for our Travflex 2 lifeline and ringflex anchor point. There are two versions available, depending on the intended use:

- 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

Made in France

Model	Product Code
Kit 4 clamps + 1 bolt M16	232577
Kit 12 rivets + rubber sealing bands + 1 bolt M16	232587

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.



Travspring



Tested to stop the fall of
3 users, 150kg

OR



5 users, 100kg



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

As an extension of Tractel High Capacity Range, the Travspring 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.

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!**

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 lifeline. All lanyards certified EN 355 can be used with the Travspring lifeline.

Travspring is a simple yet engineered solution. It is designed to be proximity lifeline as the intermediate anchor must be crossed manually.

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 Travspring lifeline advantages:

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.

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

* sauf mètre de câble additionnel

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

* sauf mètre de câble additionnel

Model	Product Code
travspring™ end anchor 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

Exemple:

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

I have to order :

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

Potelets galvanisés - Section 70x70 mm

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

Made in France*



Made in France*



Travspring one



Tested to stop the fall of

3 users, 150kg

OR



5 users, 100kg



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

Exemple:

I would like to install a travspring™ lifeline with galvanized cable, 122m.

I have to order :

- 1 kit travspring™ One galva
- 1 start kit galva
- 117 meters of galva 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



Interface posts for lifelines

Galvanised posts - EN 795C



Square base



Square base 20° inclined



Rectangular Base



Base plate for roof ridges

Post with a square base plate for roof ridges 270 x 270 mm

Model	Product Code
250 mm	72008
500 mm	66888
750 mm	72298

Post with a square base plate for roof ridges 270 x 270 mm, 20° incline

Model	Product Code
250 mm	72278
500 mm	72288

Post with a rectangular base plate for roof ridges 352 x 160 mm

Model	Product Code
250 mm	71968
500 mm	71978
750 mm	72308

Post with base plate for roof ridges 350 x 370 mm

Model	Product Code
250 mm	71988
500 mm	71998

For requests about post, please contact your sales department.

Interface posts for lifelines

Insulated and galvanised posts - EN 795C

Insulated anchor posts. 70 x 70 mm cross-section, made of galvanised steel, with thermal protection. They are designed to eliminate the risk of condensation in winter when 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 20° inclined



Rectangular Base



Base plate for roof ridges

Post with a square base plate for roof ridges 270 x 270 mm

Model	Product Code
250 mm	186648
500 mm	186688
750 mm	186728

Post with a square base plate for roof ridges 270 x 270 mm, 20° incline

Model	Product Code
250 mm	186658
500 mm	186698

Post with a rectangular base plate for roof ridges 352 x 160 mm

Model	Product Code
250 mm	186668
500 mm	186708
750 mm	186738

Post with base plate for roof ridges 350 x 370 mm

Model	Product Code
250 mm	186678
500 mm	186718

Model	Product Code
Counter plate for square base post 750mm	133295
Counter plate for square base post 250mm and 500mm	130995

Interface posts for lifelines

Stainless steel posts - EN 795C



Square base



Rectangular base



Base plate for roof ridges

Post with a square base plate for roof ridges 270 x 270 mm

Model	Product Code
250 mm	186808
500 mm	186838

Post with a rectangular base plate for roof ridges 352 x 160 mm

Model	Product Code
250 mm	186818
500 mm	186848

Post with base plate for roof ridges 350 x 370 mm

Model	Product Code
250 mm	186828
500 mm	186858

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

For requests about post, please contact your sales department.

Travrail

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
Overhead slider (not for fall arrest)	242485
Slider for wall suspended works	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.



Standard slider



Rolling slider



Slider for wall suspended works



Users

100 kg each



Stopcable 150 kg

EN 353-1 - EN 353-2



EN 353-1 - EN 353-2 - CNB/P/11.062

The use of a ladder to gain access to a high level workstation can pose an element of risk. The purpose of the Stopcable S system is to ensure the safety of personnel throughout their ascent. The Stopcable S vertical lifeline is a mobile anchoring device to enable a person to move on a vertical axis in perfect safety and without having to disconnect themselves. It consists of a fixed point and individual mobile equipment. The Stopcable S vertical lifeline was designed, created and tested to comply with the requirements of the EN353-1 and EN 353-2 standards.

Model	Product Code
Start kit stopcable™ stainless steel - 3m	281737
1m of cable stainless steel	281757
Start kit stopcable™ galva - 3m	281747
1m of cable galva	281767

Fabriqu  en France

Model	Product Code
Slider stopcable™ S 150kg	72272
counterweight	129445
Galvanised anchor	17872
Stainless steel anchor	32902
Kit of anchor for side bar	87378
diameter 27 mm	18132
diameter 34 mm	18142
tensioning device	261809
cable guide	108857
Energy shock-absorber	90049
sign plate	146465

See our harnesses, especially dedicated and patented for being used with FABA ladders



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 galvanized 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



HT Easyclimb





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
Frequency of use			
Occasional	V	-	V
Daily	-	V	V
Application			
Industrial use	V	-	-
Rescuer	-	-	V
Extensive climbing height	-	V	-
Confined access	V	-	V
Features			
Insertable and retrievable and at any location	-	-	V
Anti-reversibility	V	V	V
Compatibility			
A12	V	V	V
AL2	V	V	V
Connector			
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



FABA Grip 150kg

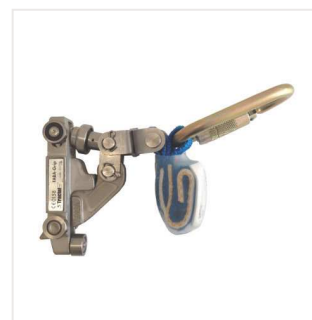
The slider FABA Grip 150kg is conform to the latest applicable standard EN 353-1 and to the European Regulation 2016/425 and is certified for a user weighing up to 150kg.

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



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.

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 Klassik 150kg

FABA System A11

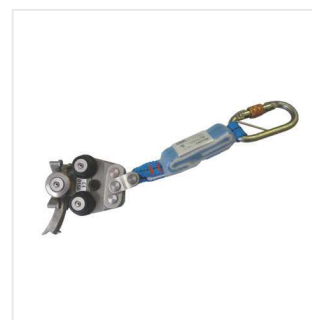
We are introducing the new slider FABA Klassik 150kg. It is an upgrade to the actual FABA Klassik. This new version conforms to the latest applicable standard EN 353-1 and to the European Regulation 2016/425 and is certified for a user weighing up to 150kg.

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	514218

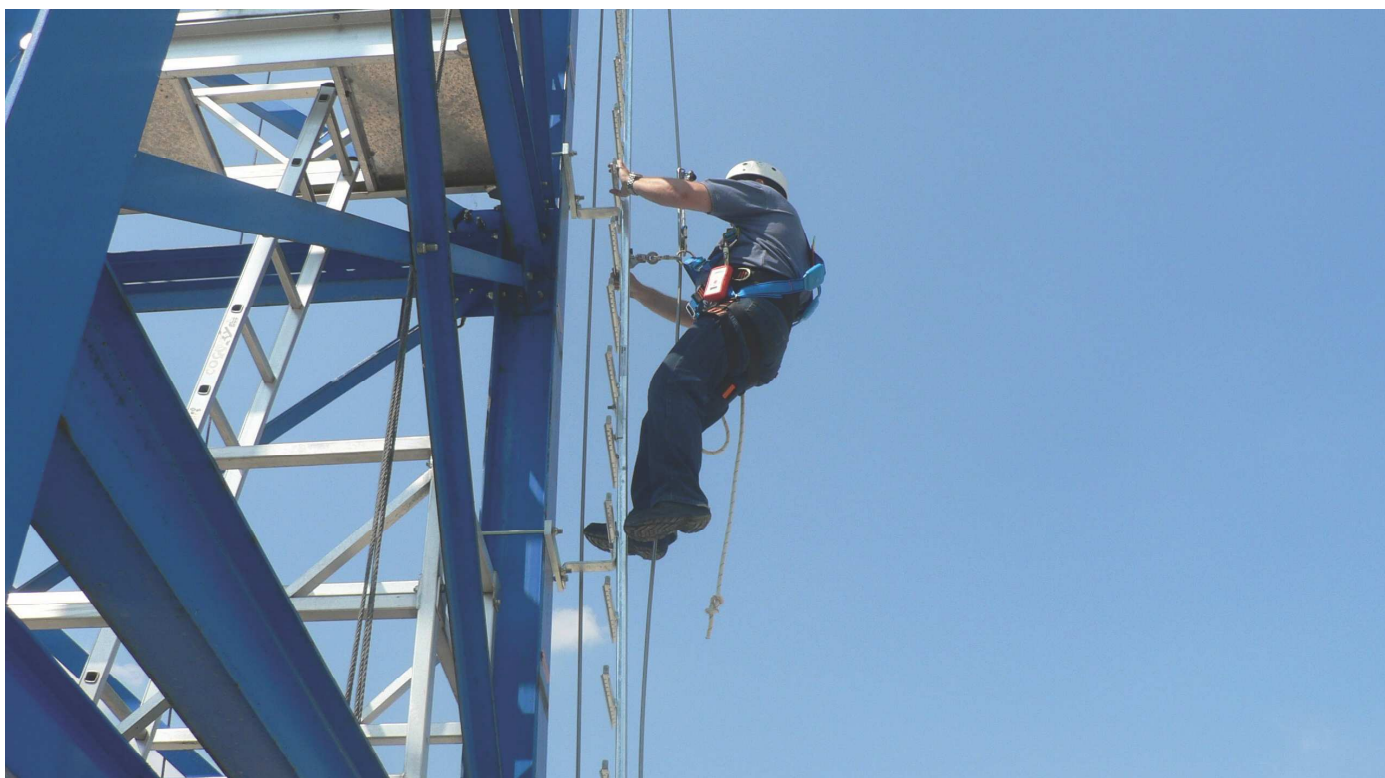
Tractelift



The Tractelift is a climb assist system that relieves the weight of single or multiple climbers while ascending and descending the wind turbine 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.



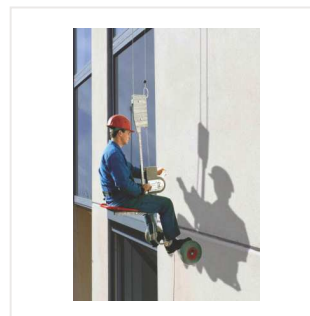
Subito, Evak

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



Made in France

Model	Product Code
Evak 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





Made in France

Derope STD

EN341

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 multiple descents, designed for downward evacuation. Descent only.

- Height 400m for max 150 kg
- Height 200m for max 225 kg

Model	Product Code
Derope STD	279499
Rope (1m)	50962



Made in France

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 UPA is equipped with a recovery winch

- Height 400m for max 150 kg
- Height 200m for max 225 kg

Model	Product Code
Derope UPA	279509
Rope (1m)	50962



Derope

Derope UPB

EN341 - EN1496

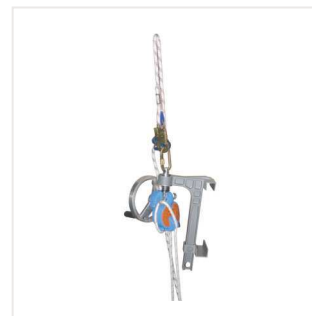
The Derope descent device is a controlled speed descent evacuation system. It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 meters or 2 persons (up to 225 kg) at heights of up to 200 meters.

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	279519
Rope (1m)	50962



Derope UPK

EN341 - EN1496

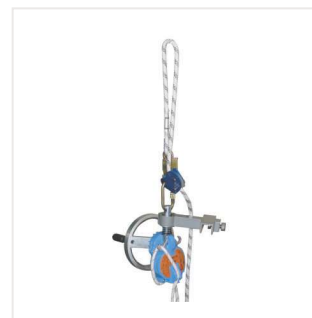
The Derope descent device is a controlled speed descent evacuation system. It can be used to evacuate either one person (up to 150 kg) at heights of up to 400 meters or 2 persons (up to 225 kg) at heights of up to 200 meters.

derope UP K 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	279529
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.



Derope

A complete kit for evacuation at height



Made in France

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

Pulleys / Descent / Ascent Devices

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

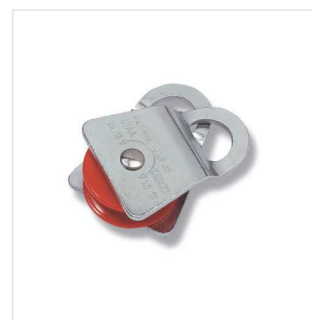


Standard S pulley opening flanges

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



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

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

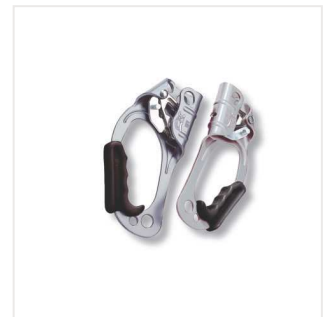
EN567

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

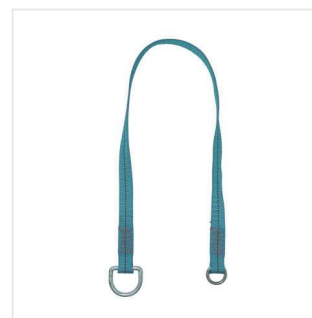
Tree Surgeon Options

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.

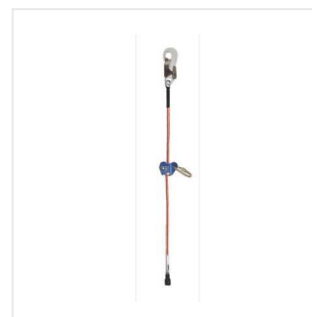
The LCM03 is compact and ergonomic and perfectly suited for work positioning.

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 (cm)	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

* not sleeve

Made in France*

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



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

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.

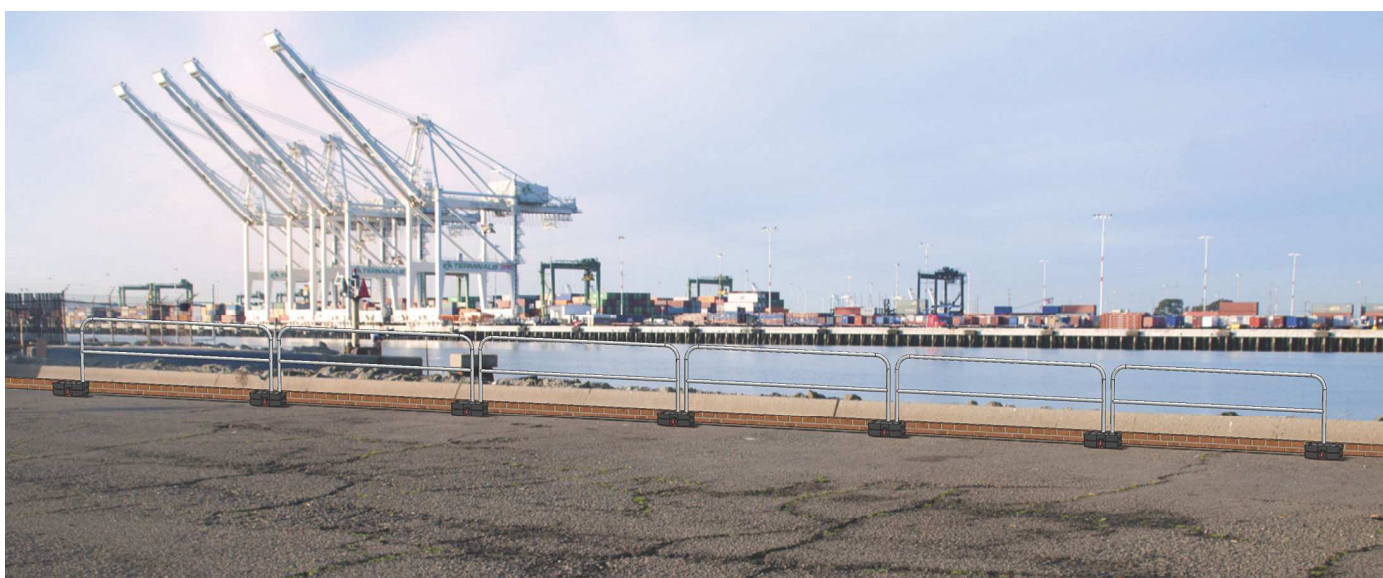
Thanks to this evolution, the angle between 2 barriers is now completely flexible and can be adapted on site to any angle of the building where the system is installed.

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



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**.

It's 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



GENERAL CONDITIONS OF SALE AND SERVICE

GENERAL CONDITIONS OF SALE AND SERVICE v. 02.2020

1 – DRAWING UP OF THE AGREEMENT

Any order implies from the buyer, the acknowledgement by the buyer that he gets all required information to the conclusion of the agreement and the acceptance of the present terms. Therefore, no clause to the contrary may be set up against the seller if he has not formally accepted it in writing and notably all the general terms sent earlier by way of circular letters.

Unless otherwise specified, seller's quotation shall expire thirty (30) days from its date.

The sale agreement is perfect only after written acceptance by the seller of the buyer's order, or if not by the delivery.

An order which is accepted cannot be cancelled without the seller's prior and express consent.

2 – SPECIFICATIONS CONCERNING THE SUPPLY

The specifications mentioned in the seller's catalogues, price lists, leaflets and all advertising documents are for information purposes only. The seller reserves the right to carry out all changes he may consider appropriate on his models, even after acceptance of the orders, without, however, the essential specifications and performance being affected.

3 - PRICES Prices are understood in Euros free of any discount, taxes, or insurance for non packaged goods, ex-works (EXW Incoterms® ICC in force at the date when the contract is made).

Any possible costs for packaging, loading and conveying from the factory to the place of delivery shall be born by the buyer, unless otherwise agreed in writing.

4 - PAYMENTS Save exception specified in the special terms appearing on the front page, the price is payable at the seller's head office as follows:

- * part with the order (down payment)

- * the balance by accepted draft 30 days from the date of invoicing.

The payment of the down payment with the order does not in any way entitle the buyer to retract in return for giving up his down payment which, in the event of cancellation of the order, remains acquired to the seller as a compensation, subject to all other rights.

5 - SETTLEMENT

5.1 – The non-payment entails the event of default and causes that all debts even not outstanding ones are immediately due.

5.2 – Penalties for delay and compensation for recovery costs

In the event the special terms specify a deferred payment and that one of the due dates is not observed, the buyer by right and without a prior formal demand, shall lay open to penalties for delay which will be the result of the application of a rate equal to three times the rate of French legal interest.

In addition to penalties for delay, and due to late payment, the buyer, de jure and without prior formal demand, shall pay recovery costs equal to 40 euros. The seller will be entitled to obtain compensation from the buyer for any recovery costs exceeding that fixed sum and incurred due to the buyer's late payment.

5.3 - Penalty clause

By express agreement, the non payment on the due date shall entail, as a penalty clause, a compensation of 15% of the amounts due, plus the interest set in the agreement and any possible costs of litigation.

5.4 – Retention of title and risk of loss

The products, subject-matter of the present order, shall remain by formal agreement the seller's property until full payment of the agreed price, and all means of payment: cheques, drafts or other negotiable instruments shall be considered as payment only after the actual collection of their amount by the seller.

During the period between the delivery and the full payment of the price, the buyer, by formal agreement, shall only be considered as the simple depository of the products, the buyer shall have to pay the price on agreed due dates, or failing payment of a single payment, to pay the full price or, to return the products, or if not he shall incur the penalties provided for by the law.

As an exception to article 1196 of the French Code of Civil Law, the delivery itself shall place the products at the buyer's risks despite the fact the latter is only the depository until full payment is made.

On account of his capacity of simple depository until the full payment of the price, the buyer to whom the products are delivered will not be entitled to resell them or to alienate them by any mean, including by way of contract of pledge, security or otherwise.

However, he may:

- Either, after prior agreement of the seller and under its entire liability, have its buyer pay directly the product subject-matter of the present agreement to the seller.

- Or assign the benefit and the charges resulting from the present agreement, but on the formal condition of informing its assignee under its own liability that the products are subject to a reservation of title clause and that himself is only the depository until full payment of their price, in such a manner that said assignee has himself only the capacity of depository until the payment, and that the seller may be able to claim from him the payment or the return, if the amount of the price is not paid in whole on the date due.

GENERAL CONDITIONS OF SALE AND SERVICE

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6 – DELIVERY TIME & DELIVERY

6.1 – Delivery means the placing at disposal of the product on the site notified by the seller.

6.2 – The delivery time is the date entered by the seller on its acknowledgment of receipt of the order.

6.3 – Delivery times are given for information purposes and without commitment. The seller commits to deliver promptly the goods to the buyer provided that the seller gets all the information and documents required for the performance of the contract.

6.4 – It is expressly agreed that the seller shall owe no compensation for delay, except in the event of deliberate tortious intent.

6.5 - a) The buyer shall take delivery of its product(s) in the seller's premises within 30 days following the notification of the seller that the product(s) are ready for delivery.

b) At the end of this 30-day period, and after a formal demand by registered letter with advice of delivery sent to the buyer to remove the product(s) IMMEDIATELY, the seller shall be entitled to force the buyer to perform its obligations, notably to make the payments, the delivery being considered as made; in this case the seller shall store the products at the buyer's risks.

c) After the time-limit provided for in article b), the seller shall be able, if it deems this appropriate, to consider the agreement as terminated by the buyer, the payments received from the latter being acquired to him without prejudice of any other rights, and notably the seller shall be entitled to demand as a penalty clause the payment of a compensation equal to 15% of the sale price of the equipment. The seller shall then, after advising the buyer by registered letter, use the products as it wishes.

d) The products are delivered with their instructions manual for use; the user shall read them before using the products. The buyer shall check and see if he has the documents, if not it shall contact the seller to get them.

e) Acceptance: Without any written claims within 30 days following the date of delivery, the product shall be considered as without any visible defects and accepted.

7 – TRANSPORT AND INSURANCE

The steps the seller may be led to take in the interest and on behalf of the buyer as regards insurance, transport, do not prevail against the principle of the delivery in the factory or store of the seller.

The fact of possibly including the transport cost in the price does not constitute an exemption to the principle of the delivery made in the factory or the store of the seller. Any transport made by the seller itself, whether the costs are to be paid for by the buyer or not, is considered as made according to a contract of carriage separate from the sale agreement.

If there are no instructions, the seller dispatches the goods in the best interests of the buyer.

In all cases, it is up to the buyer to check everything, to make all reservations upon the arrival of the product and to lodge, if the need arises, against the carrier the appeals, which must be lodged within 3 days following the acceptance, provided for by articles L133-1 and L133-3 of the French commercial Code; should these formalities not be complied with, the carrier's liability may not be implemented and the seller cannot in any case be sued for this reason.

8 - WARRANTY

Term and extent of the Warranty

8.1 – All products are covered against defects in material and construction faults for a period of twelve (12) months from the date appearing on the delivery slip.

8.2 – (i) This warranty is strictly limited, after examination of the product by the seller and to suit its convenience, to the repair or replacement of the product recognized as defective, with the express exclusion of all accessory costs. (ii) Are only covered by the warranty the cost of replaced parts and labour used. Travel costs and hotel expenses for the personnel on the user's site as well as transport costs of the product concerned at the seller's factory and return are to be paid for by the beneficiary of the warranty.

8.3 – The warranty does not cover the damage resulting from bad assembly, insufficient maintenance, or normal wear. It does not apply to paints and coatings.

8.4 – Any defect bringing into play the seller's warranty must, failing forfeiture, be declared to the seller, with the invoice corresponding to the purchase of the product in question and all supporting documents.

8.5 – Exchanges or repairing of parts covered by the warranty cannot extend the warranty.

8.6 – The warranty will be removed from any product which is modified, altered, repaired outside the seller's workshops without the seller's prior written approval.

8.7- The seller's liability is expressly limited to the above-mentioned warranty.

8.8 – An action to enforce the warranty cannot justify any delay in payments.

9 – LIABILITY

Under no circumstances, shall the seller be held to indemnify the consequential direct or indirect damage or contingent damage, notably any operating losses, loss of profits or loss of earnings. The liability of the seller, all causes taken into account with the exception of bodily injuries and gross negligence, is limited to a sum with an upper limit fixed at the amount invoiced and collected of the supply alleged defective.

The buyer is responsible for the waiver in contract against the seller or its insurers beyond the limits and exclusions fixed above.

GENERAL CONDITIONS OF SALE AND SERVICE

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10 – SERVICE PERFORMANCE

The scale of service performance of the seller is understood exclusive of travel and hotel costs. The estimates for repairs of the seller not followed by an order are payable and include the operations of dismantling, reassembly and trips. Without a reply from the buyer within 30 days from the date appearing on the estimate, the equipment shall be returned as such, transport costs to be paid for by the buyer.

The customer agrees to place at the disposal of the seller a place required for the operation as well as the required means of lifting, handling and trial.

The seller reserves the right to take into account the weather conditions on the site and accept no responsibility for any possible delays due to these conditions or to the non conformity of the site with the public health and safety conditions. Under no circumstance will the seller's liability be sought for the consequences of equipment which stops operating while it intervenes.

The customer must make sure of the solidity of supports, anchoring or props of the equipment set up; it has the responsibility of checking the solidity and the conformity with safety rules.

11 – FORCE MAJEURE

The Parties shall not be held responsible for any delay or failure to execute one of its obligations within the scope of the contract should the delay or failure be the direct or indirect result of a case of force majeure, which is defined as an event beyond the control of the Parties and independent from their will, including but not limited to cyber-attack, civil conflict, revolution, war, acts of God, occurrence of a natural catastrophe and extraordinary weather.

Should the event of Force Majeure last for more than 1 (one) month since its date of notice, then the party suffering from Force Majeure shall be entitled to terminate immediately the present Contract without prejudice by registered letter.

12 - HARDSHIP CLAUSE

The Parties are aware of the fact that this contract is fair and equitable. By mutual agreement, the Parties waive the article 1195 of the French Civil Code and accept to deal with risks associated with changing circumstances.

13 – PERSONAL DATA PROTECTION

The seller processes personal data (full name, address, email, phone number,...) of its buyer's contacts.

The purpose of personal data processing is to perform orders and manage the relationship between the seller and the buyer. These personal data may be shared with companies located within the EU: the other TRACTEL companies, Credit-Insurance companies, Business Element and Microsoft.

No transfer of personal data to third countries (outside European Union) or international organisations is intended.

The buyer undertakes to inform the seller of any update regarding the personal data of the data subject and to inform them of the content of this clause. The data subject benefits from the right to require access to, rectification, erasure of their personal data or restriction to processing of their personal data or to object to processing as well as the right to data portability by writing to rgpd.tsas@tractel.com

The data subject also has the right to lodge a complaint with the CNIL.

The seller undertakes to take appropriate technical measures in order to ensure security and confidentiality of personal data. The seller undertakes to keep personal data no longer than necessary for the purposes of this personal data processing and in any case for a maximum period of 3 years from the last products order to the seller.

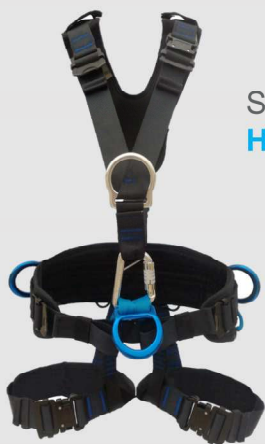
14 – PUBLICITY

The seller and/or any other TRACTEL company will be authorised to issue marketing material, publicity, promotion or advertising in whatever form, regarding the goods and services object of the Order; this authorization may be suspended further to the buyer's request.

15 – JURISDICTION

By formal agreement, any disputes or difficulties relating to the construction or to the performance of the present order shall be under the JURISDICTION of the COMMERCIAL COURT of TROYES (10 – France). The present terms are governed by French law excluding the United Nations Convention on Contracts for the International Sale of Goods (Vienne, 1980).





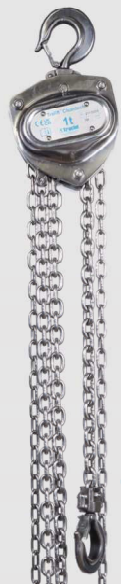
Safety harness
HT Access



Removable
X-Pad



Fall arrest device
Blocfor 20 Evo



Stainless steel trolley
Corso Cleantech



Manual chain hoists
Tralift Cleantech

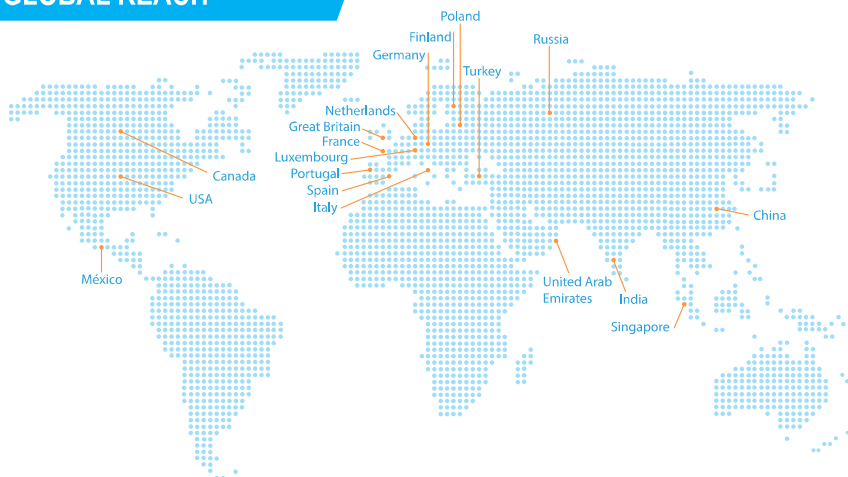


Battery powered permanent magnet
Magfor auto



Blocks
EP

GLOBAL REACH



FRANCE **Tractel S.A.S.**

RD 619 Saint-Hilaire-sous-Romilly
BP 38 Romilly-sur-Seine
10102, France
Phone: +33 3 25 21 07 00
Email: info.tsas@tractel.com

www.tractel.com

