



**Blocfor<sup>™</sup> 1.8B DUO EVO ESD 150kg**

**Stay connected with the Blocfor Duo.**

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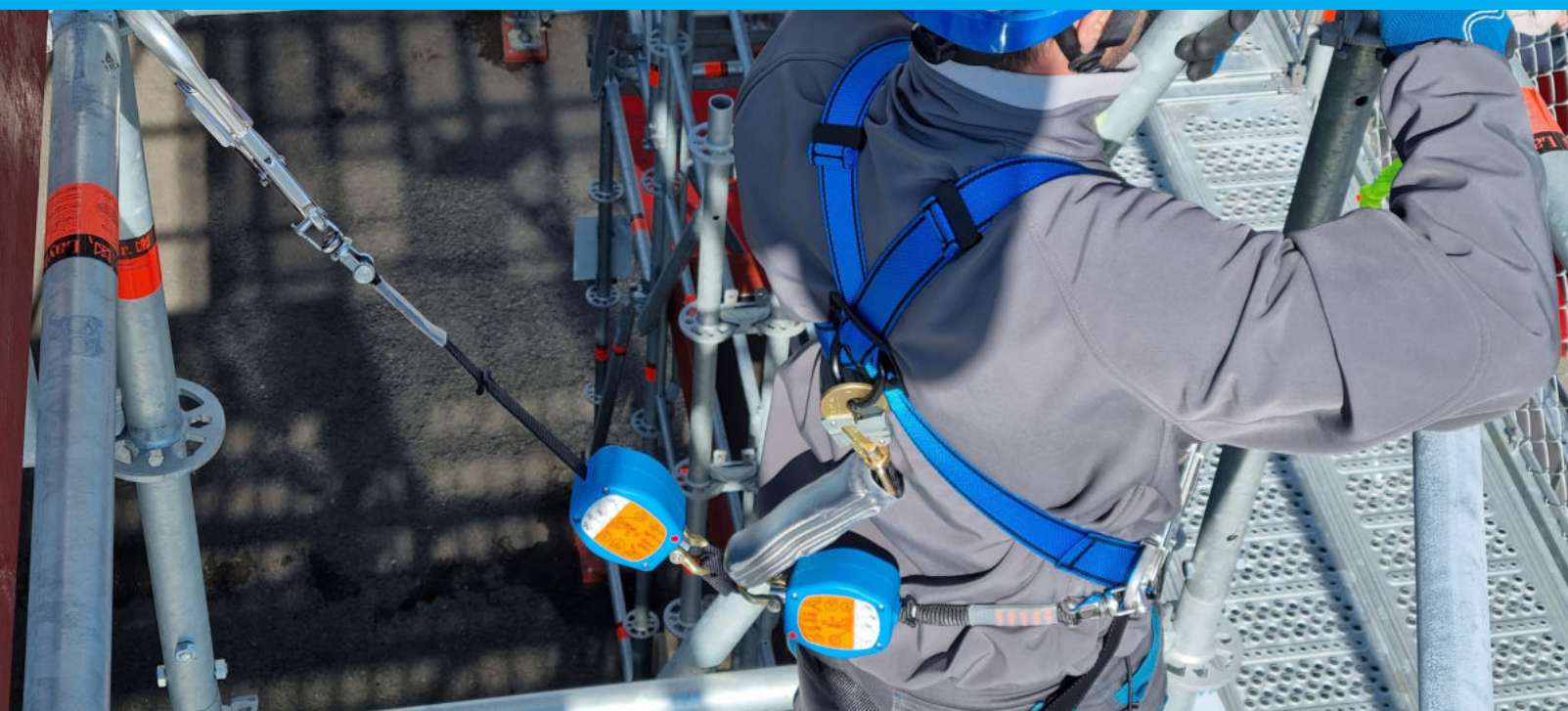
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When working at height, you can often be in situations where you need to change to another anchor point. It is vital that you stay constantly connected when doing this, to prevent the risk of falling.

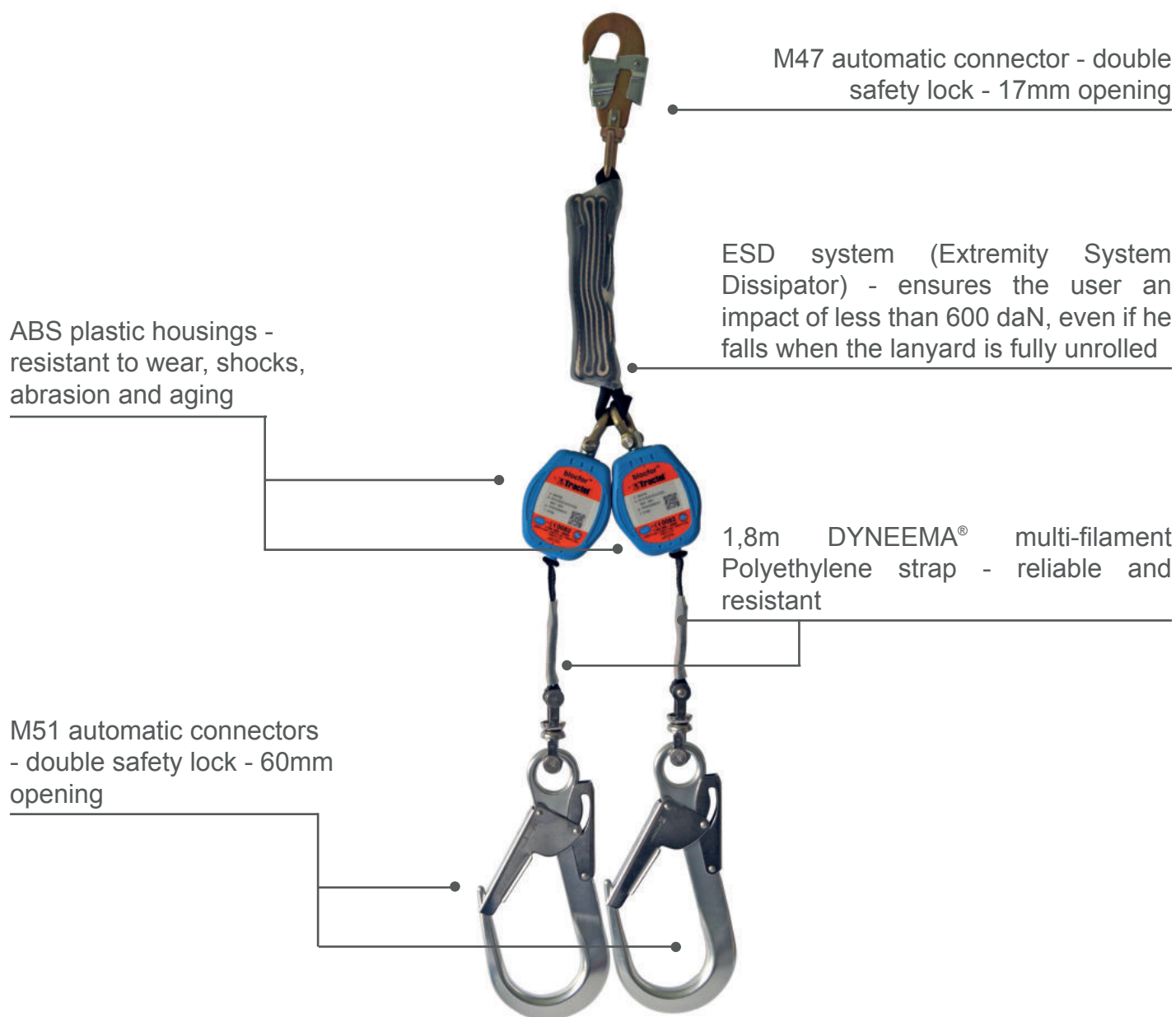
Our new Blocfor Duo enables completely unrestricted movement while working at height. The Blocfor Duo is comprised of two 1.8m fall arrest devices linked together by a shock absorber, ensuring connection to a safe anchor point at all times. One hook is connected to an anchor point and if you need to pass an obstacle or change to another anchor point, you attach the second hook before releasing the first. Working this way allows for complete freedom of movement without compromising on safety.

The Blocfor Duo is the only double personal self-retracting lanyard with:

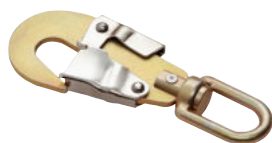
- 150kg capacity, including user and equipment
- Vertical, horizontal and Fall Factor 2 protection
- Safety from roofs with sharp edges (min radius 0.5mm)



# Blocfor 1.8B DUO EVO ESD 150kg



## Integrated connectors:



### M47 connector

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



### M51 connector

- Frequent connection on structures
- High capacity range 150kg
- Double safety lock
- Aluminium
- Opening  $\varnothing$  60 mm

# Benefits



## Quality

- Safer alternative for any user who is using a double lanyard. Indeed, the fall distance is always shorter with a self-retracting fall arrest device than with a lanyard
- The quality and reliability of Blocfor self retracting lanyard is established for over 20 years
- Lightweight and compact
- Easy to transport and use



## Optimum Safety

- The Blocfor Duo offers a safer alternative for anyone currently using a double lanyard. The fall distance is always shorter with a self-retracting fall arrest device than it is with a lanyard, making the Blocfor Duo the ideal replacement for these applications.
- The Blocfor Duo has our ESD system (Extremity System Dissipator) integrated at the end of the cable. The ESD system ensures the user an impact of less than 600 daN, eliminating the risk of violent impact in the event of a fall, even when the cable is completely unwound.
- The shock absorber is also a fall indicator, preventing the use of the device after a fall.



## Ergonomics

- Resistant housings to wear, shocks, abrasion and aging
- The presence of five swivels ensures that the straps can always rewind properly even if they are twisted



## Flexibility

- Easy to install on different types of anchors with the M51 automatic connectors (large opening aluminium connectors - 60mm opening)
- The different certifications of the Blocfor 1.8B DUO EVO ESD 150kg offer a wide range of applications to the user such as vertical use, work near sharp edges, in fall factor 2 situations and with a user weight up to 150kg.



# Technical characteristics



- Maximum working load: 150 kg
- Height 900mm
- Width 80mm
- Thickness 62mm
- Total length when fully unwound: 1.8m
- Unit equipped with an M47 connector and an M51 connector
- Reduced space requirement
- Very lightweight
- Good ergonomics that ensures a perfect grip
- Equipped with the Tractel ESD system

Description	Product code
Blocfor 1.8B DUO EVO ESD 150 kg M47/M51	84762



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sheet



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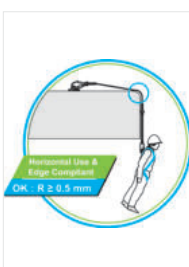
## Norms

Certified according to European standards:

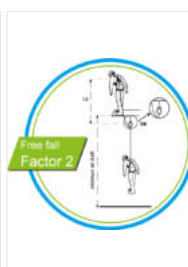
- **EN 360** - Automatic retractable fall arrester
- **CNB/P/11.062** - Fall arrester with a capacity of more than 100 kg
- **CNB/P/11.060** - Horizontal use over an edge
- **CNB/P/11.085** - Use with fall factor 2
- **CNB/P/11.124** - Fall arrester with 2 self-retracting lanyards



**CNB/P/11.062**



**CNB/P/11.060**

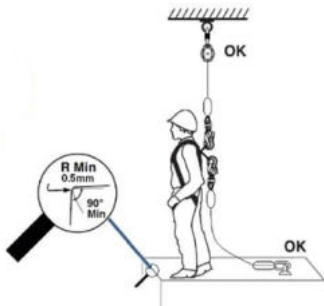


**CNB/P/11.085**

# Uses

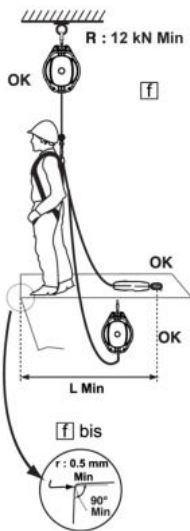
## Compatible with a variety of applications

### Horizontal Use over a Sharp Edge



The Blocfor Duo is not only suitable when there is a risk of falling vertically, it is also designed for horizontal use, e.g. for use on a flat roof, where there is a risk of falling over a sharp edge (minimum radius of 0.5mm).

### Fall Factor 2



It is not always possible to have an overhead anchor point and often the only place to anchor yourself is at or below the level of the feet, close to an edge where you could fall. If this is the case and a user falls, they 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 don't harm the user.

This situation is often described as "Fall Factor 2" and many fall arrest devices explicitly forbid this kind of use in their user manual. Tractel has developed the Blocfor Duo specifically for use in this situation.

### Applications

The Blocfor Duo allows the user to move around without ever being disconnected and among it's many possible applications, it is ideal for use during maintenance operations on:

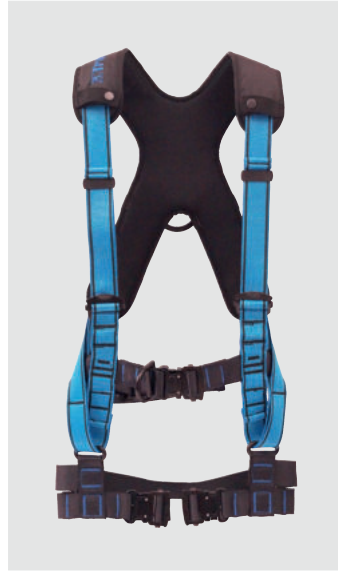
- Scaffolding: continuous fastening when working on complex structures
- Powered access: secure the user inside the cradle
- Climbing on masts and pylons: when allowed, secure the user on the rungs
- Working on steel lattice masts: secure continuously the user on the structure on the mast

# Recomended complementary products



**HT EASYCLIMB**

- Designed for climbing up and down ladders equipped with EN 353-1 fall arrester, rails or wire rope..
- 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.



**HT 55A**

- 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.
- X-pad comfort back pad: Breathable and flexible - it gives the harness shape to make it easier to put on.



**TR2000 helmet**

- Helmet with 4 point chinstrap.
- Short visor for easier upwards vision.
- Available in white, blue or red.
- Numerous accessories.



**Tool holding accessories**

- **ETL:** Extendible lanyard with a short cord at one end - To hold tools with a hole.
- **TL:** Lanyard with a short cord at one end - To hold tools with a hole.
- **TWB:** Pullaway wristband - For workers who need complete freedom of movement - Conforms to wearer's wrist size automatically.

