



Steve
equipped
103kg

Alex
equipped
98kg

Hassan
equipped
114kg

Robert
equipped
121kg

Dave
equipped
108kg

Eric
equipped
108kg

IS YOUR ENTIRE TEAM SAFE?



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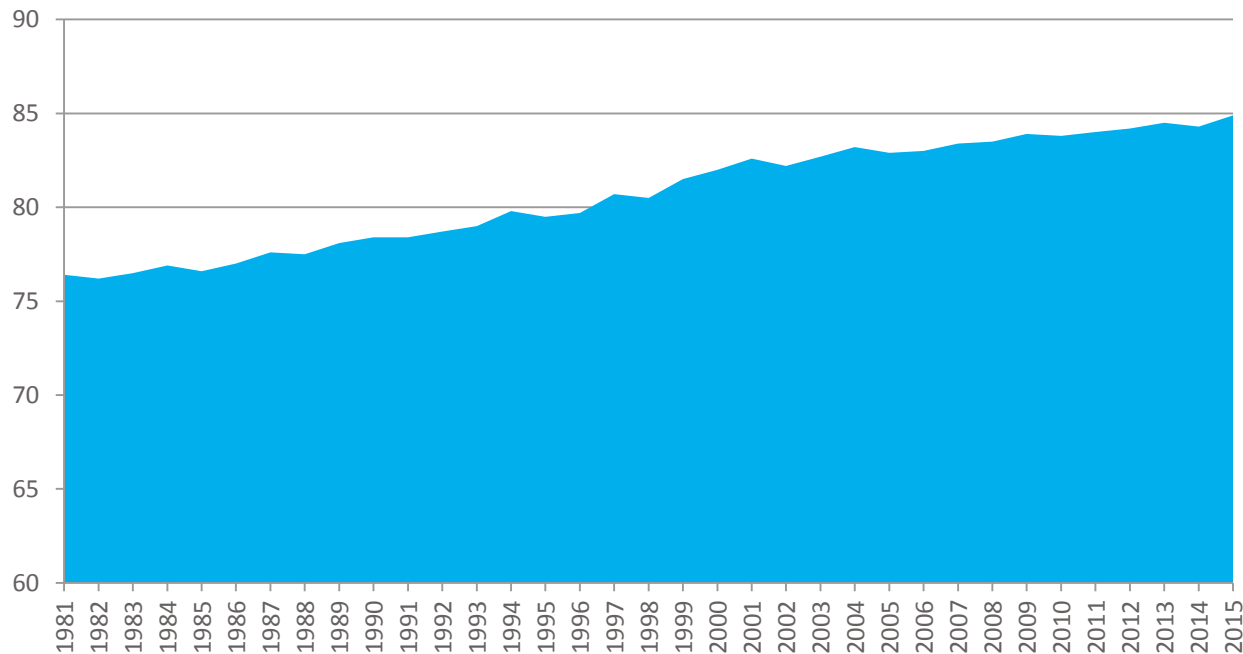


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The average weight of males in North Western Europe has risen significantly during the last 30 years.



If you exceed 100kg incl equipment and tools, you are required to use PPE that is suitable for weights above 100kg according to CNB/P/11.062



The element with the lowest capacity always determines the maximum capacity of the entire height safety system.

“Anchor
Points”



“Fall Arrest”



“Harnesses”



Tractel® is the first to supply a complete range of 150kg height safety equipment that meets European regulations.

“Anchor
Points”



“Fall Arrest”



“Harnesses”



The reaction of Tractel®

To meet the demand for height safety PPE for weights above 100kg, we are launching the new "HIGH CAPACITY RANGE 150 KG".

The products in this range have been tested to stop a fall for weights up-to 150kg (weight of a person including equipment) with an impact less than 600daN.



The Standards (1/2)

According to the requirements of European standards, fall arrest systems are not certified unless they limit the stopping distance and the impact of the fall on the human body to 600daN in the dynamic tests.

Thus, the anchoring systems EN795 and securing lanyards EN354 placed before the fall arresters and the body gripper systems (EN361 harness EN358 belt) situated down from the fall arrester never suffer an impact greater than 600daN.

In Europe, the fall arresters (blocfor, stopfor, energy absorber) beyond 100kg are governed by European specifications **CNB/P/11.062** and **CNB/P/11 11.060**.

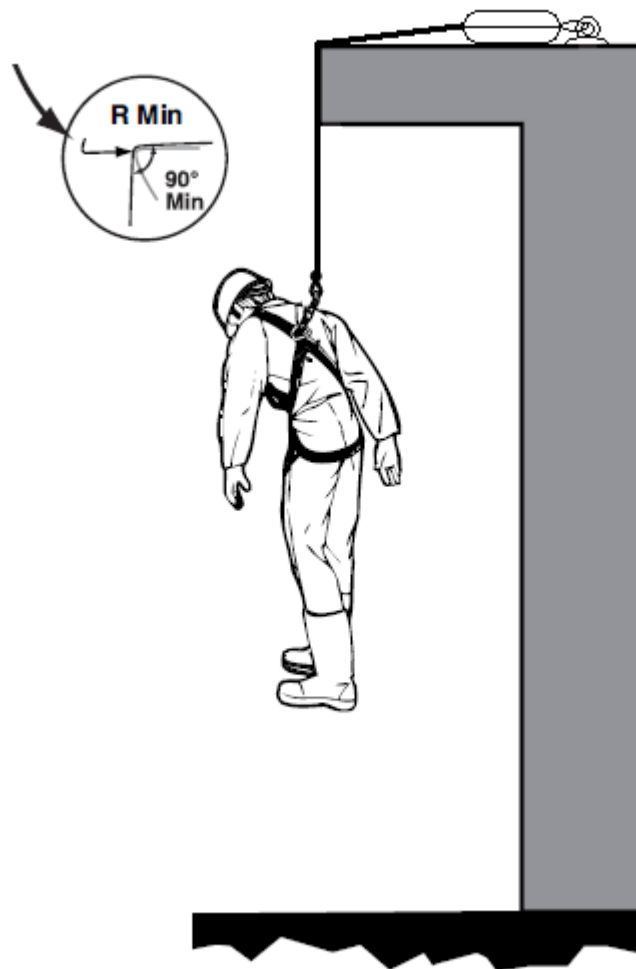
If a fall arrest device only meets EN360, EN353-2 or EN355 without any additional specifications, it can only be used for weights up-to 100kg.



The Standards (2/2)

If the fall arrester is tested for horizontal use, the ability to use the fall arrester horizontally must be identical to the ability to use it vertically.

The fall arresters must comply with the technical specifications: CNB/P/11.060 08/10/2014 ind 07 horizontal use



Anchors and connectors

No modification of product

Modification of the 150kg instructions

Tractel® auto-certification

EXAMPLE/



ANCHOR EN795A



CONNECTOR EN 362



AS 19 EN795b



Securing and work station lanyards

No modification of product

Modification of the 150kg instructions

Tractel auto-certification

Securing lanyards LC	EN354
Securing lanyards LS	EN354
Securing lanyards LSE	EN354
Securing lanyards LD	EN354
Work station lanyard LCM 05	EN358
Work station lanyard LCM 06	EN358
Work station lanyard LCR	EN358



Blocfor™ retractable fall arrester

Modification of product, stronger rope and steel lanyards

Removing the absorption mechanism within Blocfor™ and setting up a textile absorber on the lanyard

Modification of the 150kg instructions

Certification by a notified laboratory



New Blocfor 10 ESD G 150 Kg 10/47	EN 360
Blocfor 1.8A ESD	EN 360
Blocfor 5 ESD	EN 360
Blocfor 6 ESD	EN 360
Blocfor 2 ESD	EN 360



Sliding fall arrester on stopfor™ rope

No modification of product

Modification of the 150kg instructions

Certification by a notified laboratory



Stopfor P

EN353.2



Stopfor B

EN 353.2



Harness/Belt (EN358/361)

No modification of product

Modification of the 150kg instructions

Tractel® auto-certification



Harness/Belt (EN358 EN361 EN813)

No modification of product

Modification of the 150kg instructions

Certification by a notified laboratory

Only the belt harness equipped with an umbilical anchor for suspending a person must be tested by an approved testing laboratory with the maximum permissible weight prescribed by the manufacturer. This maximum weight will be repeated on the certificate of conformity and in the harness instructions.

A blue speech bubble pointing to the attachment point of the harness.

EN 813
150 KG



Other Products

The products mentioned in this Product Launch are the first in a long list. Other anchors, fall arrest lanyards, retractable and sliding fall arresters, rescue products etc... will follow in the coming months until the TRACTEL® "High Capacity 150Kg Range" is complete.

Please note that the "100kg" versions are replaced by 150kg versions (there will be no coexistence of 2 ranges).



Working Together

How can we work together to promote the new High Capacity Range to your customers?

- Joint customer visits
- Email newsletters
- Website
- Catalogues/flyers
- Other options





Frequently Asked Questions and Answers



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Frequently Asked Questions and Answers:

1. Can I use a standard PPE fall arrester if the weight of the user with his equipment exceeds 100 kg?

No. Following extensive tests, it has been shown that the stopping distance and the drop impact is greater than the limits set by the standards.

2. How can one identify if a PPE fall arrester conforms with a weight greater than 100kg?

The manufacturer is obliged to indicate the maximum permissible weight for the use of PPE in the instructions and on the traceability label, which must be accompanied by the reference CE standard.

3. Are there standards for PPE above 100kg?

Yes. The CEN introduced an article in the fall arrest standards (Blocfor™EN360, Stopfor™ EN353.1 AND 2, energy absorber EN355) that requires the manufacturer to test his PPE with the maximum permissible weight. The tests are regulated and must comply with the CNB / P / 11,062 specification.

4. Is it possible to use a fall arrester which conforms with the CNB/P/11.062 horizontally?

Yes, if the product complies with the terrace tests of the CNB/ P/11060 specification.

5. How can I check the conformity of these products?

The easiest way is to read the manual and check that the product is tested according to the CNB specification. If in doubt, ask for the certificate of conformity issued by the laboratory that has certified PPE.



Frequently Asked Questions and Answers:

6. Why do the CNB specifications only apply to fall arresters (Blocfor™ EN360, Stopfor™ EN353.1 and 2, energy absorber EN355) and not to the harness and accessories?

The fall arrester is the only element where the laboratory controls the stopping distance and the impact of the fall. Thus, the fall arrester is the fuse between all of the fall arrest system components:

“Anchorage”

Anchorage EN795 A-B-E
Lifeline EN795 C-D
Connector EN362
Securing lanyards EN354



+

“Fall arrester”

Rope grab fall arrester EN353.1 and EN353.2
Retractable fall arrester EN360
Energy absorber EN355



+

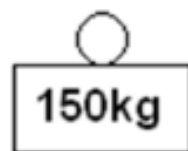
“Prehension”

Harness EN361
Rescue harness EN1497
Belt and work station lanyard EN358
Belt with thigh straps EN813



Frequently Asked Questions and Answers:

7. If the fall arrester is tested with a weight greater than 100kg and the impact measured at the fall is less than 600daN, all other elements of the fall arrest system receive less impact than 600daN.
Thus, the harnesses, securing lanyards and anchors are the subject of self certification by the manufacturer.
8. What is the Tractel® strategy for PPE of more than 100kg?
TRACTEL® is gradually transforming all PPE ranges to "HIGH CAPACITY RANGE 150 KG". In order to easily identify it, this PPE will be marked with the following logos on the packaging and/or label.



9. Is there a risk in using 150kg PPE if the weight of the user is less than 100kg?
No, in all cases the tests that are done by the laboratories on "HIGH CAPACITY RANGE 150 KG" fall arresters are additional to the standards that guarantee, in all cases, the use of PPE for a lower weight 100kg.



Frequently Asked Questions and Answers:

10. Why have many of our competitors tested the products to 136kg or 140kg?

Because this corresponds to ~ 300 pounds and with ANSI and CSA standards. Caution: many competitors do not hesitate to mark 136kg or 140kg on their labels and their instructions, but this does not correspond to European conformity!

The tests requested by North American standards have nothing to do with the dynamic performance test required by the European CNB/P specifications that are imposed for the marketing of PPE over 100kg. For example, the maximum allowable impacts on the human body are 800 daN in the North American market compared to 600 daN in Europe.

It is much easier to demand high load capacities according to North American rather than European standards.

If the fall arrester has only EN360, EN353-2 or EN355 compliance without other specifications, the product can only be used in the European market up to 100kg.

This point of comparison is an essential commercial and technical argument to communicate during the presentation of 150kg PPE.



Frequently Asked Questions and Answers:

11. What changes have been brought to the “HIGH CAPACITY RANGE 150KG” by Tractel®
The main visible change is focused on the energy absorber which is positioned at the end of the Blocfor™ strap or cable. We have developed new, more efficient energy absorbers. These absorbers reduce the tearing away of the belt during the impact. They guarantee the stopping distance of the fall, a maximum impact of 600daN and the use of the fall arrester horizontally.
NB: To date only the Blocfor™ 1.8A - 2ESD - 5 ESD - 6ESD - 10 ESD are equipped with this new absorber, other Blocfor™ fall arresters from “HIGH CAPACITY RANGE 150 KG” will be launched later.
12. Can I continue to buy my 100kg PPE which are already qualified?
No. The 150kg range advantageously replaces the 100kg one. The 2 ranges will not coexist.
13. Is there really a need to switch to products with a capacity of more than 100Kg?
More than you think. It is not uncommon to have an employee of 90kg or more. With the safety equipment and tools, it is easy to go over 100kg. Remember that, in the case of an incident, the manager that provides the safety equipment adapted to their employee is responsible.



Frequently Asked Questions and Answers:

14. Can I use a 150kg fall arrester with my existing EN361, EN358, EN813 harness, my EN795/2012 anchor points and my EN362 connectors?
Yes but caution: it is the element of the kinematic chain has the lowest allowable weight that determines the maximum permissible weight of the entire system. So here, the weight of the user with their equipment must be less than 100kg.
15. Will the "HIGH CAPACITY RANGE 150KG" PPE be tested against the ANSI/CSA regulations?
No. The "HIGH CAPACITY RANGE 150KG" PPE is destined for the European market which uses the CE regulations
16. Certain products do not exist in 150kg. Will all Tractel® products go over 150Kg? How long will it be?
The majority of Tractel® EPIs are over 150kg. Tractel® is doing its best but will not commit to any date. Because of the work involved, the passage to 150kg will be split into instalments (Product Group) Other products will be ready from here in a few months.





THANK YOU FOR YOUR
ATTENTION



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