



TECHNICAL FILE

COMBIRAIL



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Inclined rail system

COMBIRAIL

PRODUCT ADVANTAGES

The COMBIRAIL inclined rail system is a personal fall protection solution designed to secure inclined structures, thanks to its bi-directional locking carriage.

Versatility

Numerous possible uses (on feet, in front, overhead, etc.) and ideal when the operator is working at a distance from the device.

Safety

Certified up to 150 kg (operator & tools included).

Innovation

Optimum safety on all types of incline from 0° to 180°.

Design

Meticulous finishes and different anodising options available.



Ease of use

Allows easy changes of inclination:

- Certified with absorber, connected sternally, for vertical use
- Certified with and without absorber, for horizontal use.

Modular

Infinite pathways are possible thanks to the switch, which ensures continuity of movement without stalling.



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PRESENTATION

The COMBIRAIL solution is a unique way of continuously securing all types of horizontal, inclined and vertical structures.

TECHNICAL SPECIFICATIONS

- Rail material: aluminium 6060 T5
- Trolley materials: aluminium alloy body, integrated shock absorber and carabiner
- RCBC trolley: can be used on structures inclined from 0 to 180°.

A simple downward pull automatically locks the carriage in position.

COMPLIANCE

- EN 353-1: 2014 + A1 2017
 - EU Regulation 2016/425
 - EN 795 D : 2012
- EU type-examination certificate issued by :
APAVE SA (N°0082) - 6 RUE DU GÉNÉRAL
AUDRAN - 92412 COURBEVOIE CEDEX -
France
- Production monitoring carried out by :
APAVE SA (N°0082) - 6 RUE DU GÉNÉRAL
AUDRAN - 92412 COURBEVOIE CEDEX -
France
- Declaration of conformity



REMINDER OF STANDARDS

Only when it is technically impossible to provide collective protection can individual protection against falls from height be considered (French Labour Code R4323-61).

Personal protective equipment can also be used as a complement to collective protection. The use of this type of protection imposes organisational constraints, in particular:

- defining, installing and choosing the type of equipment (lifeline, anchorage point, etc.),
- work with at least two people,
- definition of an emergency response plan,
- installation and use instructions,
- staff information and training,
- periodic inspections,
- weather conditions.

As a reminder, extract from recommendation R430 - INRS/CNAMTS :

For buildings to be constructed of any kind, technical provisions to facilitate the prevention of falls from height during subsequent work on the building must be provided for at the design stage.

The ground of technical impossibility cannot therefore be accepted, as it is now up to the project owner to modify his project so that no situation remains that cannot be properly resolved, at least, by the implementation of collective protection.



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DELTA PLUS SYSTEMS

DECLARATION OF CONFORMITY

Delta Plus Systems declares that this product complies with the following regulations:

Identification of the PPE object of the declaration:

WVRCBC mobile fall arrester on COMBIRAIL support

Designation:

WVRCBC bidirectional fall arrester and its rigid belay support COMBIRAIL

Specifications:

Mobile fall arrester on a rail belay device, consisting of a body with an overspeed locking system, an energy dissipator and a carabiner

The PPE is also identifiable by the following means:

- The product picture
- Each PPE carries the name on this declaration of conformity.
- Each PPE carries a batch number. For any further information, please contact us. Our organization, based on this batch number, allows us to ensure the traceability of the PPE.



EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under the unique responsibility of the manufacturer.

The object of the declaration identified above is in conformity with the relevant Union harmonization legislation: EU 2016/425 Regulation, with its requirements and with the harmonized standards:



REGULATION (EU) 2016/425

EN353-1:2014 + A1:2017 Personal fall protection equipment — Guided type fall arresters including an anchor line

Notified body which performed the EU Type- examination and issued EU type-examination certificate:

n°0082 0588 160 01 25 0023

0082 - Apave Exploitation France SAS - 6 Rue du Général Audran - 92412 COURBEVOIE cedex - FRANCE

The PPE is subject to the conformity assessment procedure to type based on quality assurance of the production process under surveillance of the notified body:

0082 - Apave Exploitation France SAS - 6 Rue du Général Audran - 92412 COURBEVOIE cedex - FRANCE

Bernin, 07/02/2025

Signed for and on behalf of

Delta Plus :

David GUIHO

R&D, Marketing & Communication
Manager

DELTA PLUS SYSTEMS Parc Technologique - 691, Chemin des Fontaines - Cidex 8F - 38 190 Bernin - France
Tél. : +33 (0)4 76 13 12 15 - E-mail : systems@deltaplus.fr
S.A.S au capital de 40.950Euros - RCS Grenoble 430 115 766 - NTVA Intracommunautaire : FR 54 430 115 766



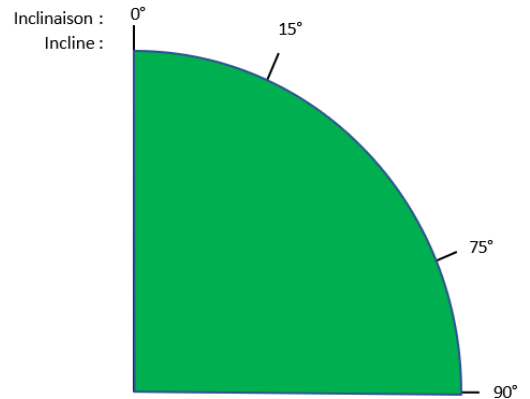
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COMPLIANCE

The RCBC mobile fall arrester and its anchoring support comply with :



EN 353-1 + A1 2017 and EU Regulation 2016/425

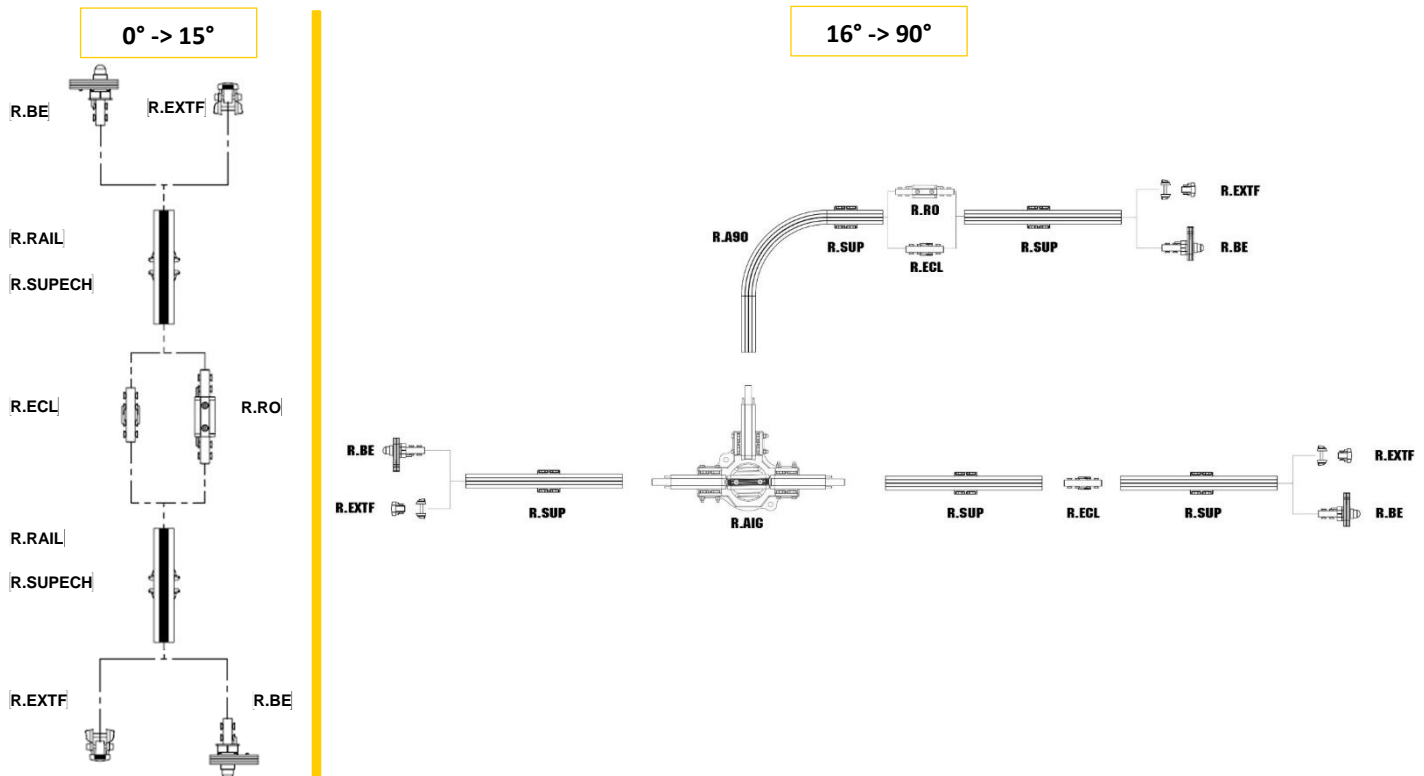
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 92412 COURBEVOIE CEDEX - FRANCE

Production monitoring by : **APAVE SA (N°0082)**
 6 RUE DU GÉNÉRAL AUDRAN
 92412 COURBEVOIE CEDEX - FRANCE

EN 795 : 2012

Certificate of conformity issued by : **APAVE SA (N°0082)**
 6 RUE DU GÉNÉRAL AUDRAN
 92412 COURBEVOIE CEDEX - FRANCE

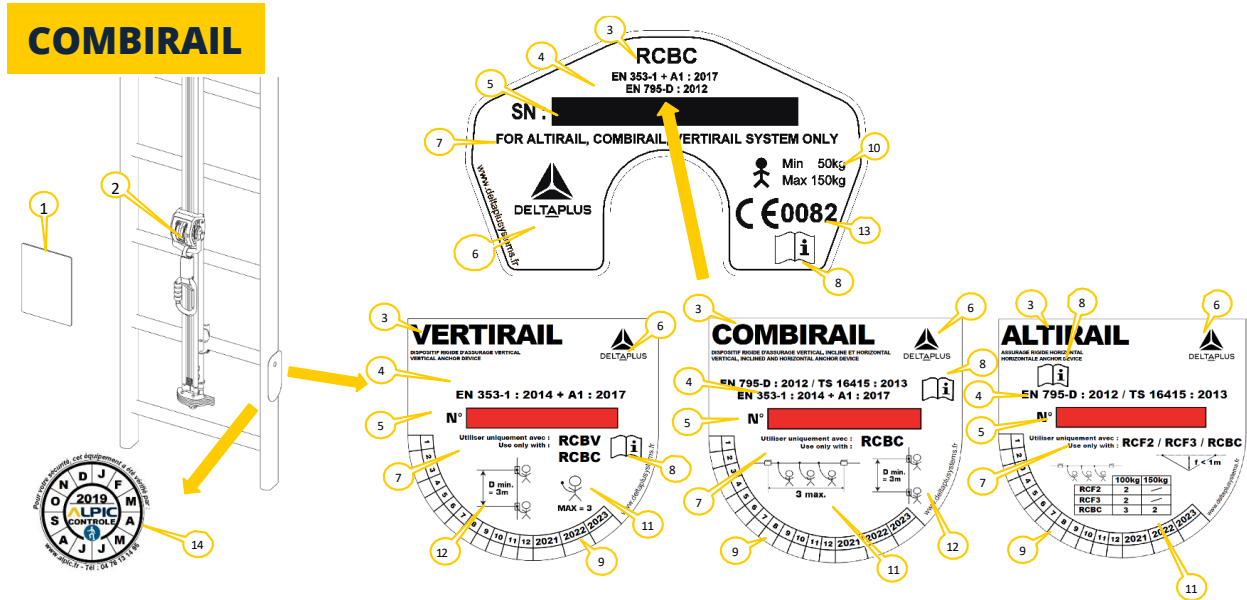
Download the RCBC declaration of conformity via this QR code





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	FR	EN	ES	DE	IT	PT
1	Port EPI obligatoire	Wearing mandatory PPE	Uso obligatorio de PPE	Obligatorischer EPI-Port	Porta EPI obbligatoria	Porta obrigatória do EPI
2	Date de fabrication Date de péremption produit	Date of manufacture Product expiry date	Fecha de fabricación Fecha de vencimiento del producto	Herstellungsdatum Ablaufdatum des Produkts	Data di produzione Data di scadenza del prodotto	Data de fabricação Data de validade do produto
3	Référence commerciale du produit (Codification interne Delta Plus = WVRCBC)	Sales product reference (RCBC) (Delta Plus internal code = WVRCBC)	Referencia comercial del producto (RCBC) (Código interno Delta Plus = WVRCBC)	Produktreferenz kaufmännisch (RCBC) (Interne Codierung Delta Plus = WVRCBC)	Riferimento commerciale del prodotto (RCBC) (Codice interno Delta Plus = WVRCBC)	Referência comercial do produto (RCBC) (Código interno Delta Plus = WVRCBC)
4	Norme auquel l'équipement est conforme	Standard to which the product conforms	Norma a la que se ajusta el producto	Standard, dem das Gerät entspricht	Standard a cui l'apparecchiatura è conforme	Padrão ao qual o equipamento está em conformidade
5	Numero de série	Serial number	Número de serie	Seriennummer	Numero di serie	Número de série
6	Nom du fabricant	Manufacturer's name	Nombre del fabricante	Name des Herstellers	Nome del produttore	Nome do fabricante
7	Composant compatible	Compatible component	Componente compatible	Kompatible Komponente	Componente compatibile	Componente compatível
8	Pictogramme invitant à lire la notice	Pictogram inviting to read the instructions	Pictograma que invita a leer las instrucciones.	Piktogramm, das zum Lesen der Anweisungen einlädt	Pittogramma che invita a leggere le istruzioni	Pictograma convidando para ler as instruções
9	Date de première mise en service	Date of first commissioning	Fecha de primera puesta en servicio.	Datum der ersten Inbetriebnahme	Data della prima messa in servizio	Data do primeiro comissionamento
10	Charges assignées min et max	Loads assigned min and max	Cargas asignadas mín. Y máx.	Belastungen zugewiesen min und max	Carichi assegnati min e max	Cargas atribuídas min e max
11	Nombre maximum de personnes autorisées à se connecter simultanément : 0° > 74° : 3 max sur le support d'assurage 75° > 90° : Max 2 pers. < 150 Kg Max 3 pers. < 100 Kg entre deux ancres intermédiaires	Maximum number of people allowed to connect simultaneously: 0° > 74° : 3 max on the belay support 75° > 90° : Max 2 users < 150 Kg Max 3 users < 100 Kg between two intermediate anchors	Número máximo de personas permitidas para conectarse simultáneamente: 0° > 74° : 3 máx. En el soporte de seguridad 75° > 90° : Máx. 2 pers. < 150 kg Máx. 3 pers. < 100 Kg entre dos anclajes intermedios	Maximale Anzahl von Personen, die gleichzeitig eine Verbindung herstellen dürfen: 0° > 74° : max. 3 auf der Sicherungsstütze 75° > 90° : Max 2 Pers. < 150 kg Max 3 Pers. < 100 Kg zwischen zwei Zwischenankern	Numero massimo di persone che possono connettersi contemporaneamente: 0° > 74° : 3 max sul supporto sosta 75° > 90° : Max 2 pers. < 150 Kg Max 3 pers. < 100 kg tra due ancore intermedie	Número máximo de pessoas com permissão para se conectar simultaneamente: 0° > 74° : 3 max no suporte de segurança 75° > 90° : Máx 2 Pers. < 150 kg Máx 3 Pers. < 100 kg entre duas âncoras intermediárias
12	Distance de sécurité entre deux utilisateurs (0° > 74°)	Security distance between two users (0° > 74°)	Distancia de seguridad entre dos usuarios (0° > 74°)	Sicherheitsabstand zwischen zwei Benutzern (0° > 74°)	Distanza di sicurezza tra due utenti (0° > 74°)	Distância de segurança entre dois usuários (0° > 74°)
13	Organisme notifié en charge du contrôle de la production	Notified body in charge of the control of the production	Organismo notificado a cargo del control de la producción	Benannte Stelle, die für die Produktionskontrolle zuständig ist	Organismo notificato responsabile del controllo della produzione	Organismo notificado encarregado do controle da produção
	CE0082 APAVE SA : APAVE SA (0082) - 6 RUE DU GÉNÉRAL AUDRAN 92400 COURBEVOIE CEDEX FRANCE					
14	Date de l'inspection périodique	Date of periodic inspection	Fecha de inspección periódica	Datum der periodischen Überprüfung	Data dell'ispezione periodica	Data da inspeção periódica



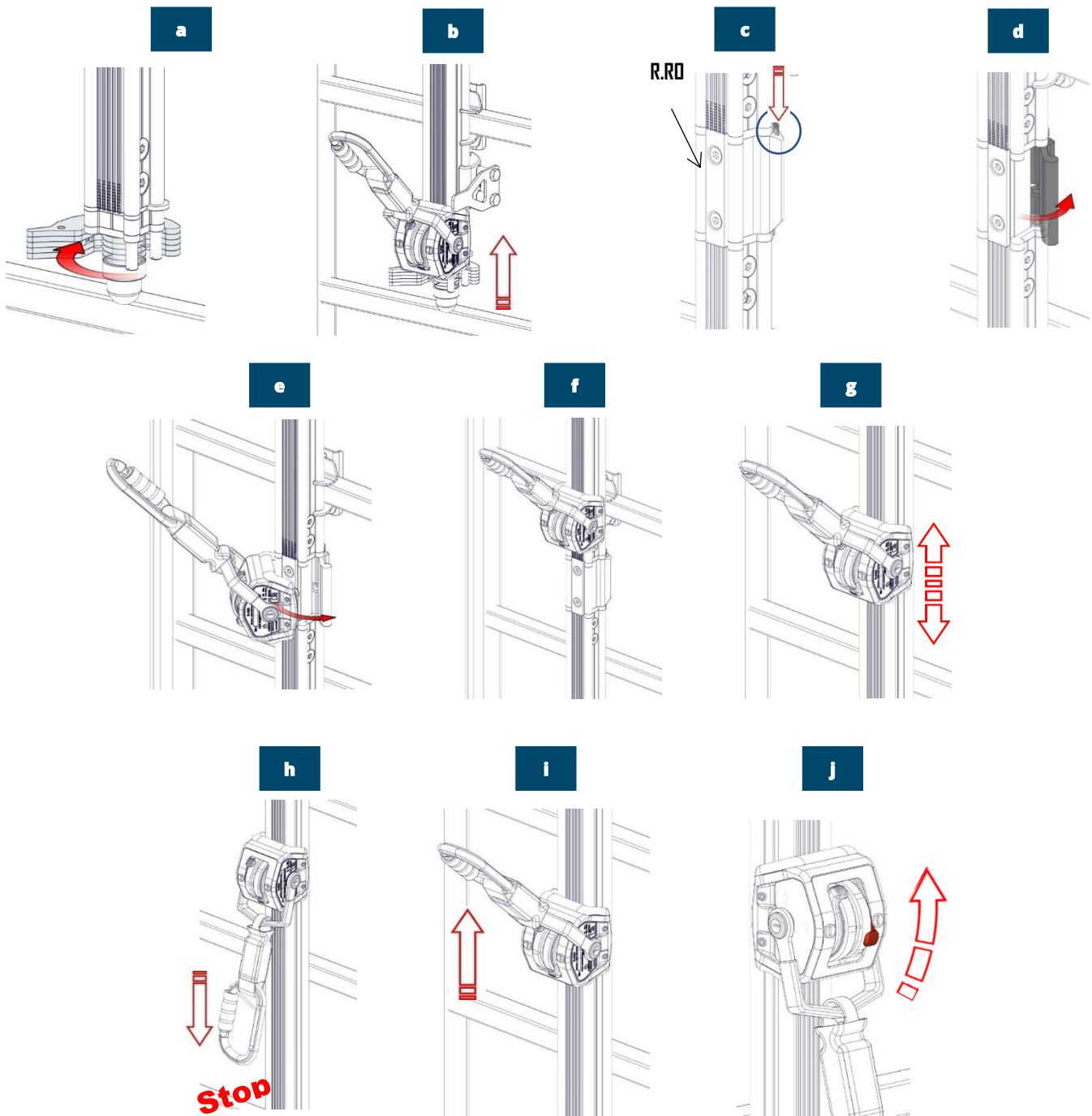


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RCBC trolley





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INFORMATION

These instructions are intended for users of the RCBC and its belay devices. It must be read and understood by everyone before using the product. If you have any doubts or problems understanding or if a problem arises which is not covered in this document, please contact your DELTAPLUS SYSTEM representative or the DELTAPLUS SYSTEM technical department directly. This manual must always be available and accessible to the user. It is essential for the safety of the user, if the product is resold outside the first country of destination, that the reseller provides the instructions for use, the instructions for maintenance, for periodic examinations as well as the instructions relating to repairs, written in the language of the country in which the product is used. Any activity at height is dangerous and may cause accidents, serious injury or death. You are responsible for practising and learning the techniques for using the appropriate equipment. Before using the product, you must therefore read and understand all the information contained in the instruction manual. Failure to heed any of these warnings could result in serious injury or death. For safety reasons, the user must be in good health and not under the influence of medication, alcohol or drugs. Workers using personal protective equipment must receive appropriate training.

Instructions for use & technical description

The RCBC has the special feature of being able to secure the user's progress along the rail over an angular range of 0 to 90°.

When used between 0 and 74° :

The RCBC and its belay support form PPE

complies with EN 353-1 + A1 2017 and EU PPE Regulation 2016/425

The temperature of the working environment must be higher than -30°.

The user must connect his harness complying with EN 361 via the sternal attachment point to the mobile fall arrester using the integrated connector complying with EN 362.

The connection incorporates a textile energy absorber to limit the impact force in the event of a fall. The length of the connection element must not be extended or shortened, for example by adding or removing a connector.

During the first 2 metres, the user may not be protected against falling to the ground, so extra precautions should be taken when ascending or descending.

The truck is designed to be used by a single person weighing a minimum of 50 kg (excluding tools and equipment) and a maximum of 150 kg (including tools and equipment).

The belay system is designed to be used by three people simultaneously, each with their own RCBC trolley, with a minimum safety distance of 3 metres between them.

When used between 75° and 90° :

The RCBC and its belay support form an anchoring system that complies with standard EN 795 class D: 2012 and CEN/TS 16415: 2013.

This system is designed to arrest the fall of one or more people and must not be used to lift loads.

To minimise the height of fall, the lifeline should preferably be located as high as possible in relation to the user's working area.

The system must be used in conjunction with a set of PPE that complies with and is compatible with the configuration on site.



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system security.

The stopping distance of the fall arrest system used must be compatible with the available air draught on the site.

- Rail deflection (800mm max)
- + LL lanyard length
- + Deployment of the DLAbs absorber
- + User height T (usually 1.80m)
- Rail height H
- + Safety distance 1m
- = Clearance required

If an adjustable link is used, the user should take care to optimise the length in order to limit the possible height of fall and reduce the risk of tilting.

The user must connect his harness, via the sternal attachment point, to the mobile fall arrester using the integrated connector or directly to the plastic-coated stirrup if the fall arrester link already includes an absorber.

The belay system is designed to be used by three people simultaneously between each intermediate support, each of whom must have their own RCBC.

Whatever the angle of use:

The carriage connects and disconnects at the ends of the rail (1 - 2) or at an opening part ref. R.RO (3-6).

These actions must be carried out in a safe position, or using a separate personal protection system. The trolley has been designed to move freely on the rail without manual intervention (7): holding the locking mechanism or manipulating the trolley while moving may prevent it from locking in the event of a fall. Do not hold the trolley.

The carriage is locked in the event of a fall by the action of the cam on the rail (8).

To release the carriage, pull the connector in the opposite direction to the fall (9), if necessary push the button to help release (10).

There is no limit to the length of the climbing protection system. All points on the rigid belay support at which the mobile fall arrester could exit must be fitted with an R.EXTF or R.BE stop.

After use, never leave the trolley connected to the rail, clean it (see maintenance section) then store it in the waterproof pouch supplied. Protect it from shocks, humidity and excessive temperatures (+10°C / +40°C) during transport and storage.

Important - Prevention

Before use

At height, your life depends on the equipment used. Any doubts about the safety of the device should be reported to the manufacturer and to the person responsible for the installation.

A fall arrest harness complying with EN 361 is the only body-gripping device permitted for use in a fall arrest system. A harness must be size-appropriate, correctly adjusted and fitted to the user's body size.

The fall arrest harness should be properly adjusted to ensure a snug fit and should not be used if it is loose. If the harness loosens during ascent or descent, it should be readjusted correctly from a safe position.

it should be readjusted correctly from a safe location.

The durability of the substrate must be checked in accordance with its use.

A rescue plan must be put in place to deal with any emergencies that may arise during work.



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In a fall arrest system, it is essential to check the clearance under the user before and during use, to avoid any collision with the ground or an obstacle during the fall.

The trolley must not be used in the working position. If it is necessary to hold the trolley in the working position, a separate system must be used.

A hazard may arise when using several pieces of equipment in which the safety function of one piece of equipment may be affected by the safety function of the other piece of equipment.

CAUTION DANGER :

- ▶ Make sure your equipment does not rub against abrasive materials or sharp parts that could damage its integrity, particularly the textile energy absorber.
- ▶ As the trolley is supplied with its own connector, it is not possible to change the components independently.
- ▶ Use only Delta Plus Systems parts to ensure compatibility when assembling the COMBIRAIL system.
- ▶ The fall prevention function is only available in one direction. It is essential to observe the direction of installation (arrow on carriage pointing upwards).

Control - Points to check

Check that the instructions for using the lifeline are clearly displayed on the panel provided.

Make sure that the product markings are legible.

Check that the fall-arrest system you have complies with and is compatible with those recommended.

Check that periodic checks and maintenance of the lifeline are up to date. Carry out a visual and functional check of

the entire lifeline, as well as the RCBC and its textile absorber.

The fixed end stop has plastic parts; if it is damaged, the safety of the user is not at stake, only the comfort of use will be impaired. Use the system identification and verification sheet to carry out these checks.

For each installation, a qualified person must check and certify that the anchoring device is suitable for the area to be secured and for the strength of the structure and interfaces on which it is installed. This verification may be carried out by calculation or by testing. Particular attention must be paid to the choice of fixings.

The strength of the anchoring device is directly linked to the quality of the support. Compliance can only be established if the materials making up the support are free from any manufacturing defect or loss of performance (ageing, overloading, corrosion, etc.).

The force induced by the fall is a maximum of 12kN. Its direction depends on the inclination of the installation, but it is likely to be directed towards the ground.

After a fall, do not use the system again until it has been checked and brought back into compliance by a competent person authorised by the manufacturer.

If in doubt, remove the product for a thorough check using the identification and equipment verification sheets. **In the event of non-compliance, destroy these products to prevent future use.**

Service life - Disposal

For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products.



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CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).

A product must be scrapped when :

- ▶ It is over 10 years old and made of plastic or textile.
- ▶ He has suffered a serious fall (or strain).
- ▶ The result of the product checks is not satisfactory.
- ▶ You have doubts about its reliability.
- ▶ You don't know its full history of use.
- ▶ Its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.).

Destroy these products to prevent future use.

System warranty

The warranty begins on the date of delivery of the equipment or installation by Delta Plus Systems. It lasts for 10 years provided that annual maintenance has been carried out by a company approved by Delta Plus Systems. Delta Plus Systems warrants this product against defects in materials and workmanship. The following are excluded from the warranty: normal wear and tear, oxidation, modifications or repairs, improper storage, improper maintenance, damage due to accidents, negligence or use for which this product is not intended.

Maintenance and servicing

Any modification or addition to the equipment without the prior written consent of the manufacturer is prohibited.

Any repairs to system components must

be carried out in accordance with Delta Plus Systems procedures. If in doubt about the condition of the product, replace it with an original Delta Plus Systems part.

A soiled product must be washed and rinsed with clean water, then dried. It must not be brought into contact with corrosive or aggressive materials, or stored at extreme temperatures.

All chemical products and solvents can alter the resistance of the system components. If the product is likely to come into contact with these products, please let us know the exact name of the chemical components and we will reply after an appropriate study.

The condition of PPE must be checked at least every 12 months by an authorised and competent person in strict compliance with Delta Plus Systems' operating procedures. These periodic and regular examinations are necessary because the safety of the user is linked to maintaining the effectiveness and resistance of the equipment. The inspection and the results must be recorded in writing in a maintenance log using the identification and inspection sheet supplied by Delta Plus Systems.

Delta Plus Systems can also help you check, inspect and maintain your permanent fall arrest and PPE safety systems. You can also ensure that your teams are fully conversant with the use of these fall arrest solutions and the basic concepts they need to know to work safely at height, by offering them comprehensive, customised training courses run by our training centre.



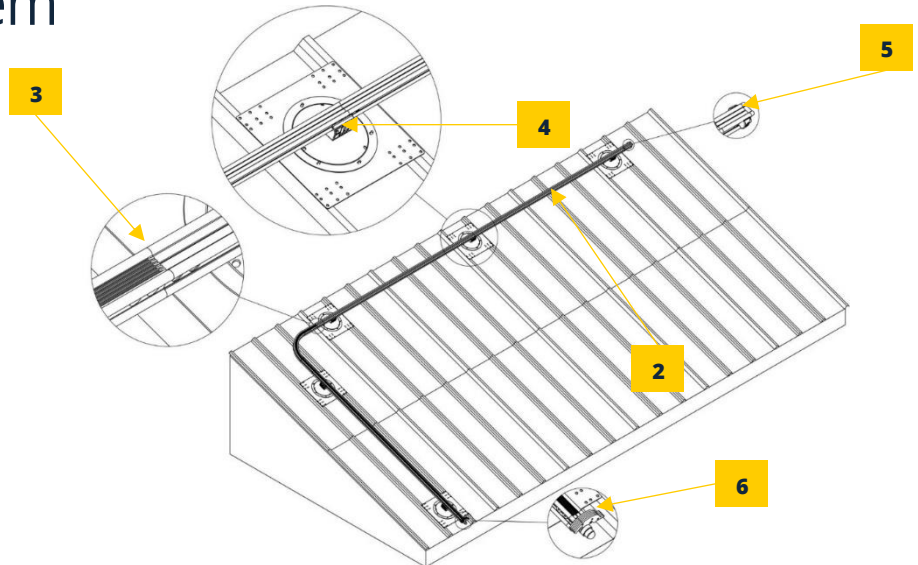
Delta Plus Training - 691,
Chemin des Fontaines -
Cidex 8F - 38190 BERNIN -
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GENERAL NOMENCLATURE



1

WVRBCB bi-directional blocking trolley

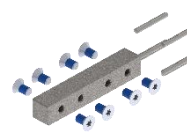
Integrated shock absorber and karabiners - Aluminium alloy body



2

Belay rail
WVLRRAIL

Available in lengths of : 1, 1.5 and 3m. Material: 6060 T5 aluminium. Anodised on request.



3

Splint
WVRECL

Ensures rail alignment
4 A4 screws pre-coated with threadlocker



4

Rail support
WVRSUP

Maximum distance between 2 brackets: 4m when securing 2m for suspended work.



5

Fixed stop
WVREXTF

Prevents the carriage from sliding off the rail - Secured with 3 self-drilling screws (A2).



6

Opening stop
WVRBE

Enables the carriage to be inserted into the rail. Automatic closing of the stop.



7

Opening splint
WVRRO

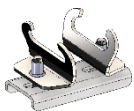
Enables the carriage to be inserted at any point on the rail and acts as a jointing plate.



8

Safety sign
WVRPS

System identification and display of normative information.



9

Ladder rail support
WVRSUPECH

Prevents the carriage from sliding off the rail - Secured with 3 self-drilling screws (A2).



10

Manual switch
WVRAIG3D or 4D

Available in 3 or 4 directions. Allows changes of direction without disconnection.



11

Motorised switch
WVRAIG3DM or 4DM

Available in 3 or 4 directions. Operated by remote control. Allows changes of direction without disconnection.



12

Switching remote control
WVREM3 or 10

Used to control motorised points remotely. Can control up to 9 different points.



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GENERAL NOMENCLATURE



13

90° external angle

WVRA90S

For lateral movement of the trolley. 250 mm radius. Front installation.



14

90° inside angle

WVRA90E

For lateral movement of the trolley. 250 mm radius. Front installation.



15

90° external angle

WVRA90S2

For circulation on the underside of the carriage. Front or ceiling installation.



16

90° inside angle

WVRA90E2

For circulation on the underside of the carriage. Front or ceiling installation.



17

Rail support

WVRIAFS

Allows the installation of a rail angle on the front in a lateral position.

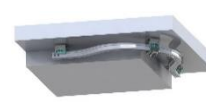


18

Rail support

WVRIAFS2

Enables a rail angle to be installed on the front in the overhead position.



19

Rail support

WVRIAFS2SF

Allows an angle rail to be installed on the ceiling in the overhead position.



20

Rail support

WVRIAS

Allows installation of a rail angle on the façade



21

Rail support

WVRIAS2

Allows installation of a rail angle on the façade



22

Rail support

WVRIAS2SF

Allows installation of a rail angle on the façade



23

Fixing bracket

WVREQG

Material: hot-dip galvanised steel



24

Fixing bracket

WVREQI

Material: 304L stainless steel



25

Anti-return system

WVRANTIR

Used to manage trolley flows or create "storage" areas to hold trolleys in position. Do not use as an end stop.



26

Anti-return system

WVRANTIR

Aluminium non-return system



27

Coding device

WVRDET

Ensures that the carriage is inserted on the rail in the correct direction of use



28

Drilling tool

WVROUTP

Template for drilling the rail.

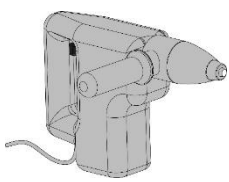


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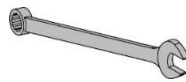
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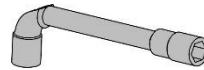
TOOLS & PERSONNEL REQUIRED



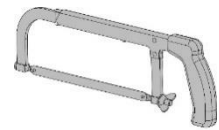
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3



4

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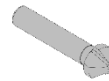
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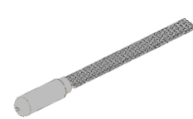
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6



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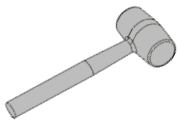


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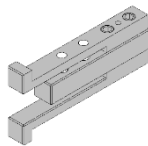
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Ø 8.5

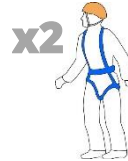
Ø 16.5



9



10



11

WVROUTP

The COMBIRAIL system combines the ALTIRAIL and the VERTIRAIL system.

When the inclination is between 0 and 74°, the VERTIRAIL installation rules apply.

Between 75° and 90°:
refer to the ALTIRAIL installation rules.

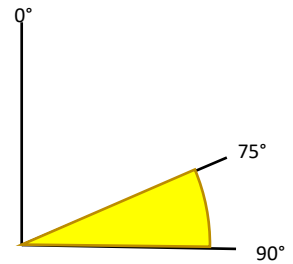
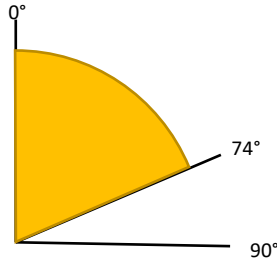


Distributed by

Inclined rail system

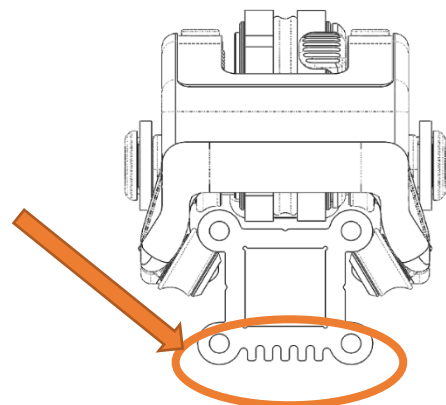
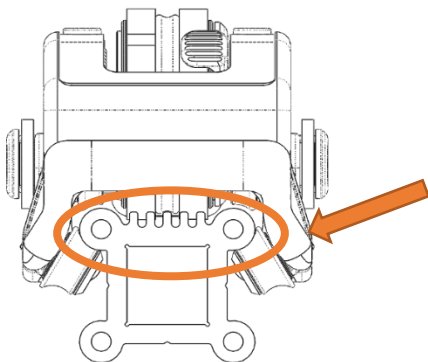
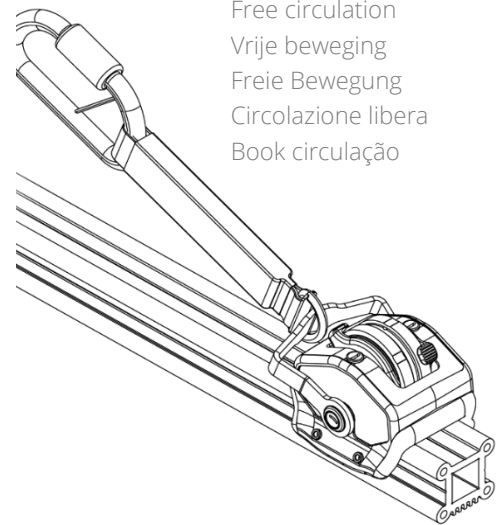
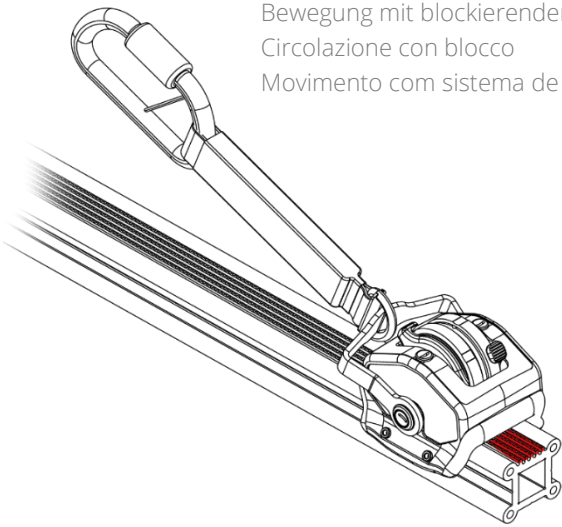
COMBIRAIL

PRE-REQUISITES



Blocked traffic
 Movement with blocking system
 Circulation with blocking
 Bewegung mit blockieringsysteem
 Bewegung mit blockierendem System
 Circolazione con blocco
 Movimento com sistema de bloqueio

Free circulation
 Free movement
 Free circulation
 Vrije beweging
 Freie Bewegung
 Circolazione libera
 Livre circulação

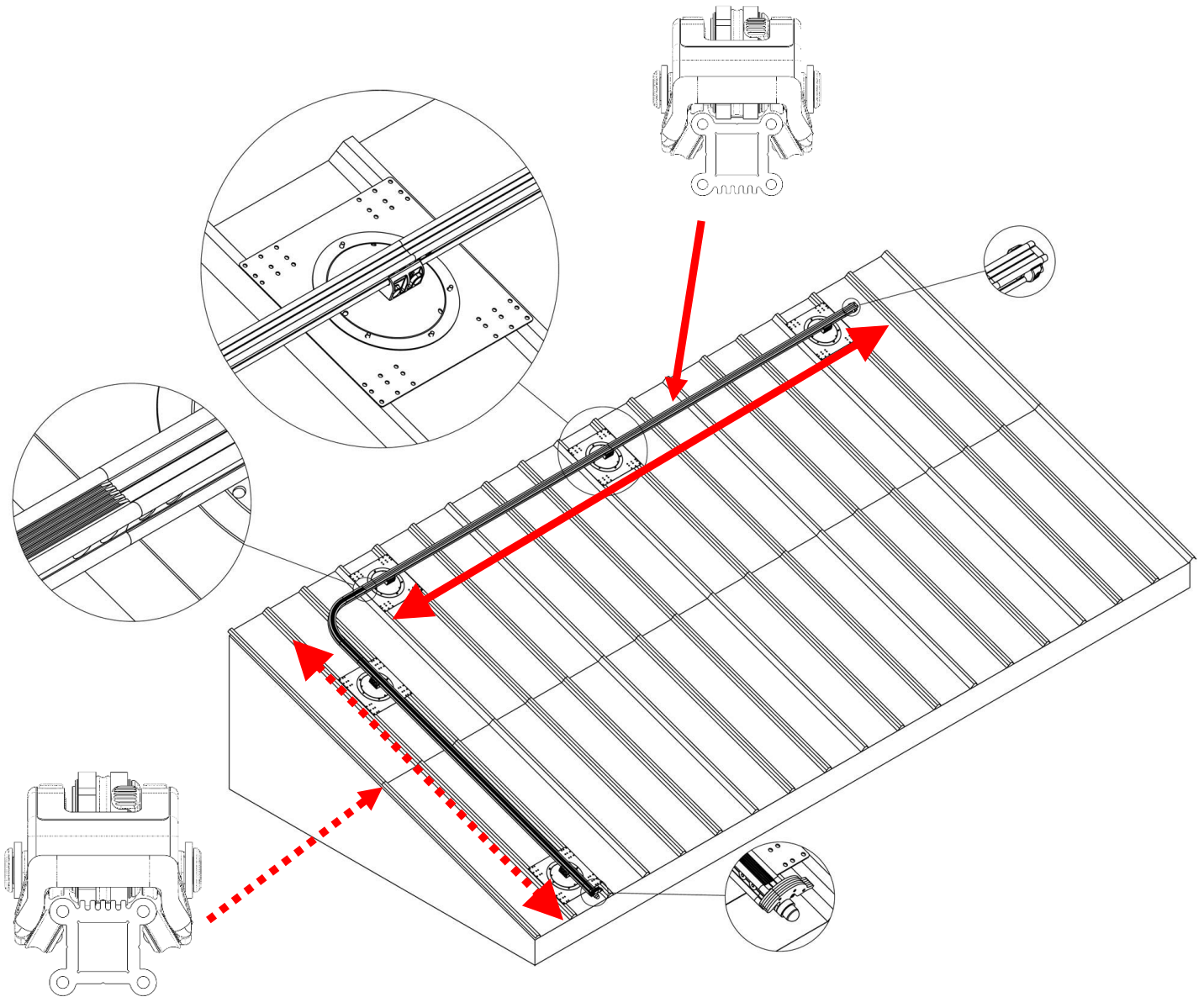




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Inclined rail system

COMBIRAIL

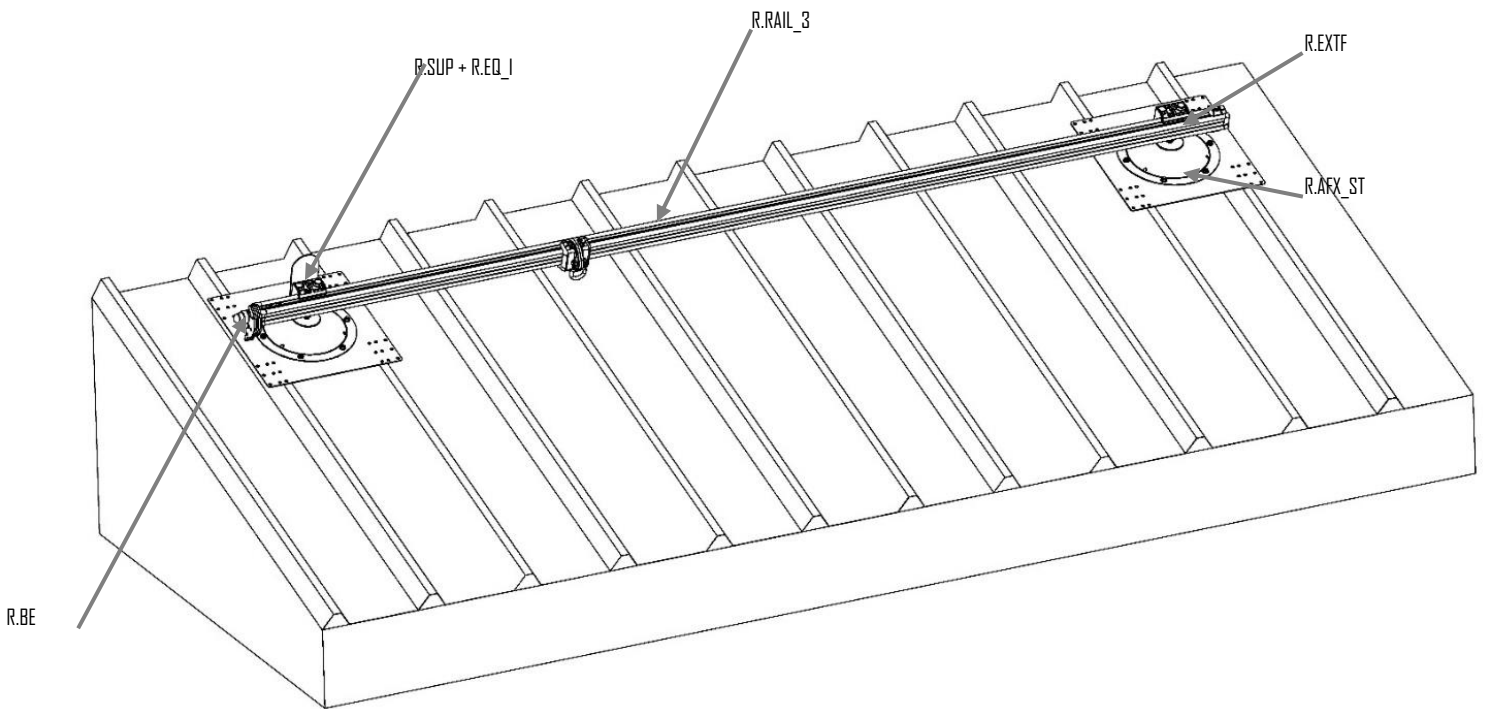
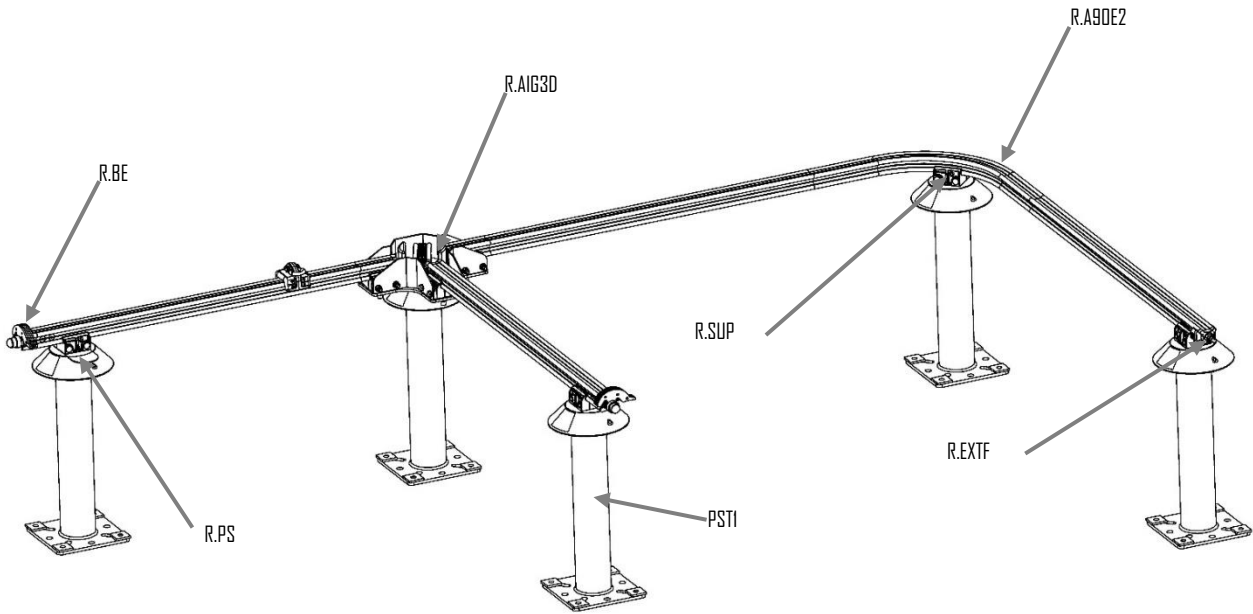




Distributed by

Inclined rail system

COMBIRAIL

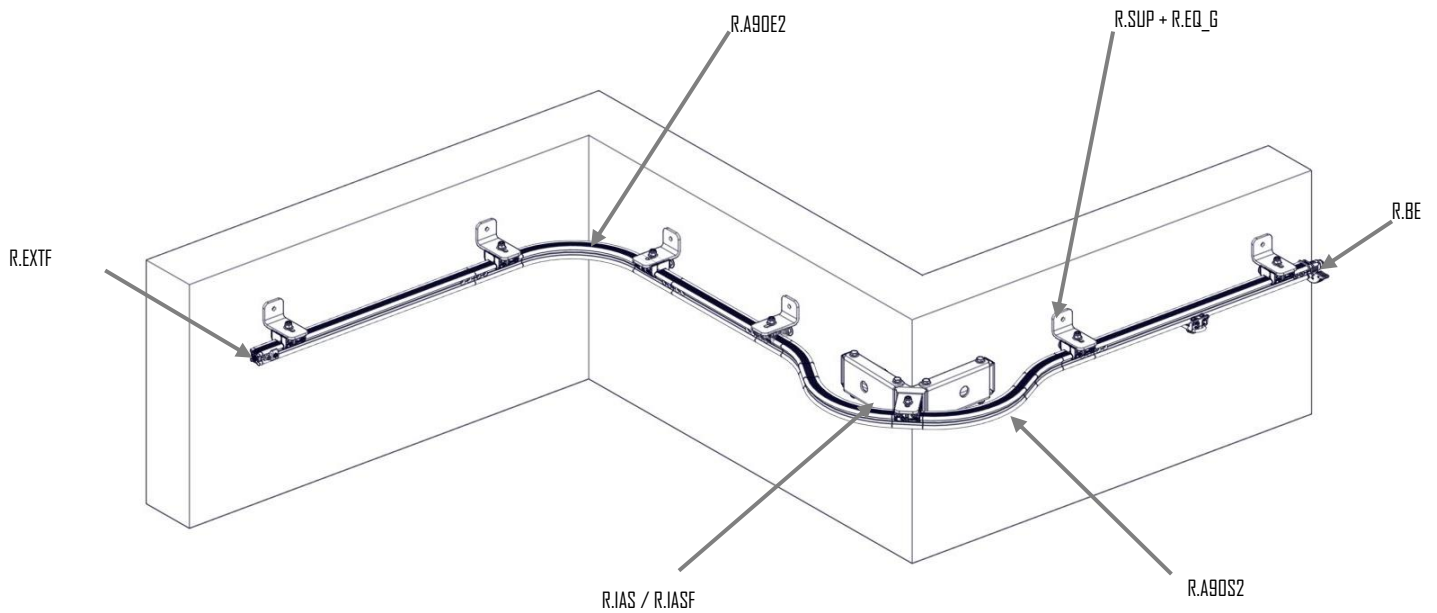
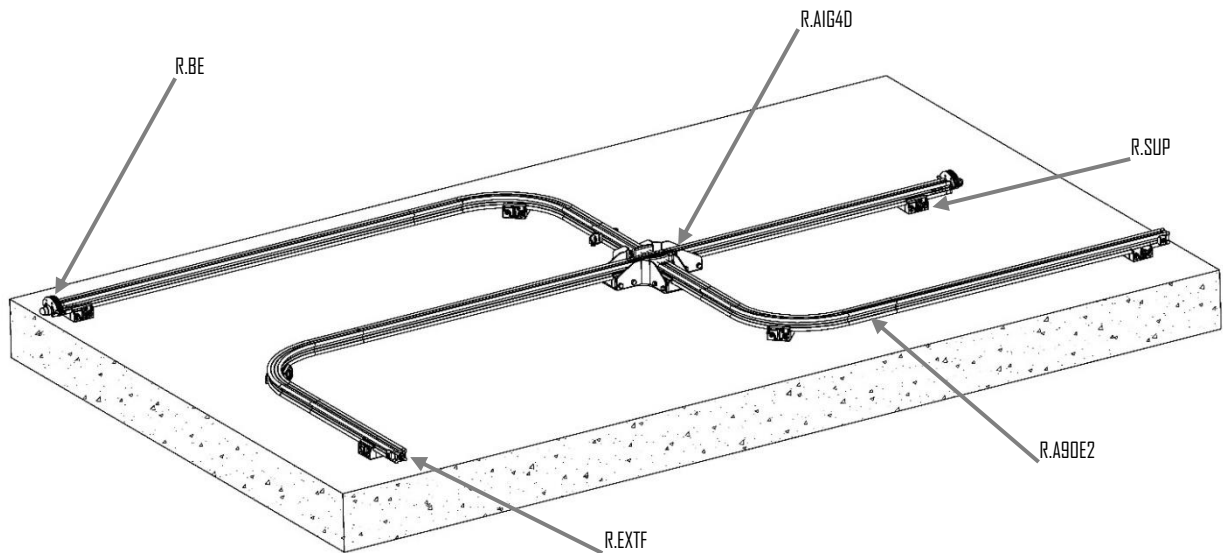




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Inclined rail system

COMBIRAIL



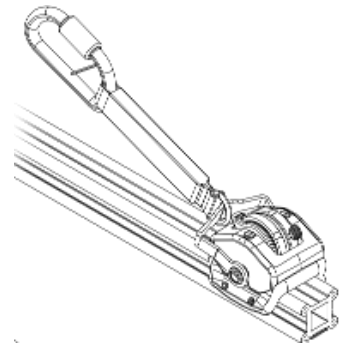


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COMBIRAIL

COMBIRAIL FALL ARREST SYSTEM FOR SLOPES

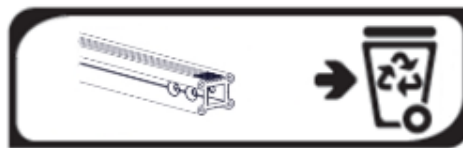


Product identification	
Manufacturer / Supplier :	Delta Plus Systems
Product name / Reference :	COMBIRAIL multi-angle fall arrest system
Normative references :	EN 795:2012 - CEN/TS16415:2013 - EN 353-1 2014 + A1 2017
Identification number :	
Date of purchase :	
Date of first use :	

Identification of the person responsible for the installation			
Name :		Company :	
User identification			
Name :		Address:	

The controller declines all responsibility in the event of inaccuracy in the information concerning the historical verification to be carried out by the user. The user is obliged to keep a complete record of the periodic examinations and repairs carried out.

Service life / Disposal
<p>For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products. CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).</p> <p>A product must be scrapped when :</p> <ul style="list-style-type: none"> - It is over 10 years old and made of plastic or textile, except for the seals, which need to be inspected regularly. - He has suffered a serious fall (or strain). - The results of the product checks are not satisfactory. You have doubts about its reliability. - You don't know its full history of use. - When its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.). <p>Destroy these products to prevent future use.</p>





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Comments

Good

To watch out for

Repaired

To be discarded

Visual check of components					
General condition of the aluminium rail (marks, deformation, corrosion, etc.)					
Condition of fixings and supports (tightening, etc.)					
The distance between R.SUPECH rail supports must not exceed 1.5 m.					
The distance between the R.SUP rail supports must not exceed 4 m.					
On horizontal sections (0 to 15°), the rail teeth are on the support side.					
On oblique or vertical sections (16 to 90°), the rail teeth are on the carriage side.					
WRSUP rail supports are fixed using M12 chemical anchors or M12 bolts.					
There is no play in the joints and all the screws are present and tight.					
The maximum rail overhang distances have been respected (Max. 200 mm)					
End stop at each rail end (fixed or retractable)					
Presence of markings with normative information					

Functional verification of components					
The RCBC trolley runs smoothly over joints, supports, etc.					
The carriage engages correctly on the rail					
Retractable end stop operating correctly (automatic return to position ...)					

Comments :

Inspection verdict

<input type="checkbox"/>	The product is fit to remain in service	<input type="checkbox"/>	The product is unfit to remain in service
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Identification and visa of the controller

Name :		Company	
Date of inspection :		Controller's stamp (Signature / Stamp) :	
Date of next inspection :			



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Inclined rail system

COMBIRAIL

BI-DIRECTIONAL BLOCKING RUNNER RCBC



Product identification	
Manufacturer / Supplier :	Delta Plus Systems
Product name / Reference :	RCBC bi-directional blocking runner
Normative references :	EN 795 : 2012 Class D - EN 353-1 : 2014 + A1 : 2017
Serial number / Batch number :	
Year of manufacture :	
Date of purchase :	
Date of first use :	

User identification			
Name :		Address:	

The controller accepts no responsibility for any inaccuracies in the information concerning the historical verification to be carried out by the user.

Service life / Disposal
<p>For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products. CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).</p> <p>A product must be scrapped when :</p> <ul style="list-style-type: none"> - It is over 10 years old and made of plastic or textile, except for the seals, which need to be inspected regularly. - He has suffered a serious fall (or strain). - The results of the product checks are not satisfactory. You have doubts about its reliability. - You don't know its full history of use. - When its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.). <p>Destroy these products to prevent future use.</p>



Comments
Good
To watch out for
To repair
To be discarded

Visual check of components	Comments	Good	To watch out for	To repair	To be discarded
Condition of the main body (cracks, marks, deformation, wear, corrosion)					
Condition of the shackle and its 2 pins (cracks, marks, deformation, wear, corrosion, presence of the 2 cradles)					



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Visual check of components					
Condition of the 4 rollers and their crimping (cracks, marks, deformation, wear, corrosion)					
Condition of the 4 friction rollers (cracks, marks, deformation, wear, corrosion)					
Textile absorber expiry date					
Condition of textile absorber and plastic shackle (deformation, seams intact, wear, corrosion)					
Condition of snap hook (deformation, wear, corrosion, presence of clip)					
Condition of central wheel, PU tyres and cams (wear, corrosion)					
Wear indicator (groove) visible on the PU tyres of the central wheel					
Condition of side guards (cracks, marks, deformation, wear)					
Presence of the identification label with normative information					
Condition of the protective cover and its 2 fixing screws (tightness, play)					

Functional verification of components					
180° tilting of the plastic shackle (no hard point)					
Good rolling of the 4 rollers (no hard spots, smooth running)					
Good rolling of the 4 friction rollers (no hard spots, smooth running)					
The carriage runs smoothly on a straight rail element					
The carriage runs smoothly on a curved rail element					
Centre wheel turns freely (no hard spot)					
The truck is locked in place without slipping when overspeed in both directions of travel.					
The 2 stainless steel cams and their return springs operate correctly					
The energy absorber slides freely along the shackle					
The tyres of the central wheel press against the teeth of the rail to ensure the rotation of this wheel.					

Comments :	
Inspection verdict	
<input type="checkbox"/> The product is fit to remain in service	<input type="checkbox"/> The product is unfit to remain in service

Identification and visa of the controller			
Name :		Company	
Date of inspection :		Controller's stamp (Signature / Stamp) :	
Date of next inspection :			