



HARNESSES, ROPES, TOOLS

TREECARE



TOGETHER IN MOTION



Bernd Strasser
EIGHT-TIME WORLD CHAMPION
Together in Motion



TREECARE

Highest quality materials, cutting-edge manufacturing processes, and innovative developments: these are the hallmarks of TEUFELBERGER products. Based on our many years of experience and a close cooperation with the world's best arborists, we produce harnesses and ropes that meet the most challenging demands. Our expertise makes the work of arborists easier and safer worldwide – for your benefit.

Cooperation: In the development of new and innovative products, TEUFELBERGER refuses to accept any compromise. Consequently, for our rope and harness technologies we focus specifically on functionality, safety, and performance. The successful partnership with Treemagineers and the close cooperation with TEUFELBERGER's sister company New England Ropes empower us to develop products that fully live up to the needs of real-life use. The excellent performance of our harnesses and ropes is apparent in day-to-day use and also at national competitions and world championships as documented by the successes of the three treecare professionals from Treemagineers.

Highest Quality: Treecare workers need to be able to rely on their equipment at all times. Therefore, it is our top priority to provide customers with the best possible quality. The outcome is high performance ropes made of cutting-edge materials that ensure a long service life and optimum knotability and are ideally suited for any type of use. The use of special fibers such as Dyneema®, PBO®, Vectran®, Kevlar™, and Twaron® is what gives our ropes the desired resilience, tensile strength, or abrasion resistance, as dictated by the specified end use. Based on our long-standing experience, we have the expertise to handle complex new elements such as stitch patterns and slings.

Safety and ergonomics are the two central keywords for arborists. Striving to offer our customers the best harnesses, we are working together with treecare champions on a continuous basis in order to upgrade and refine our existing product portfolio. On the basis of professional practical use by Treemagineers and our longstanding experience in the production of premium-quality ropes, we create products ensuring optimum functionality and superior freedom of movement, making even tricky treecare tasks efficient and safe. Thanks to their ergonomic form in the leg and hip region, our harnesses are extremely comfortable to wear. Their innovative design allows you to organise tools such as slings, karabiners and saws to your preference and with great ease – they will be within your reach whenever you need them.

Certification: When working at height, you must have trust in your equipment. Therefore, we attach the greatest importance to safety when designing and manufacturing our ropes, harnesses, and accessories. PPE certification (personal protective equipment) is no foreign concept to us. Our products are permanently checked by our in-house QA department in order to ensure that you will always be using equipment complying with the most recent versions of the relevant international standards.

CAUTION

Using these products may be dangerous. Only use our products for the purposes they are intended for. The customer shall ensure that the user is familiar with the correct use and the necessary safety provisions. Please keep in mind that any product may cause harm when used incorrectly or subjected to excessive loads.

NOTE

As a long-standing supplier of ropes, our rope recommendations are non-binding empirical values. Please also take the specific characteristics of your system and the PPE directives into account. Do not hesitate to contact us. We will help you find the ideal rope for you. Reserved to technical changes, typesetting errors, and misprints. Products that are not certified in a PPE directive must not be used for personal safety applications.

TREEMOTION



TREEMOTION

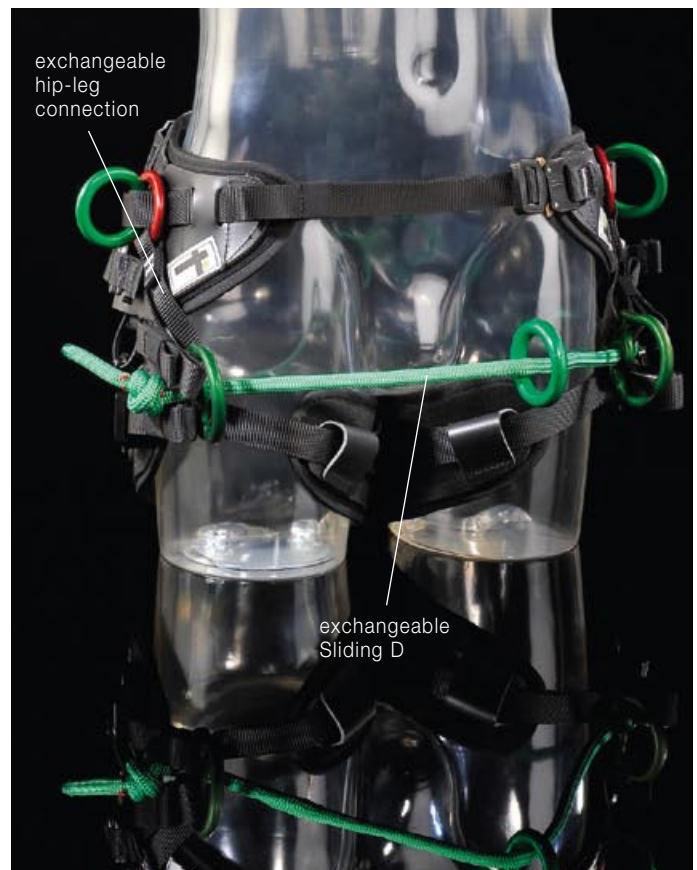
treeMOTION has opened up new dimensions for tree climbers – increased freedom of movement, individual gear loops, high work positioning comfort, improved distribution of load, special D-rings, and an exchangeable rope bridge.

In the treeMOTION system, the rope bridge plays an essential role as central movable suspension. Its certification and the hardware developed for it make the harness the ultimate must-have for tree climbers. When developing treeMOTION, we drew on the wealth of experience of eight-time world champion Bernd Strasser: superior performance and simple handling are the logical results. Three easy-to-handle readjustment mechanisms allow users to tune the front D-rings to their individual needs. The entire forward suspension system is constantly in motion and therefore ideally geared to the body movements of the climber. The leg loops function independently, providing even greater comfort.

As result of the optimised freedom of movement ensured by webbing movement through hardware, increased webbing abrasion is unavoidable. As in the case of the exchangeable rope bridge, the hip/leg connection can also be replaced in a CE-compliant manner.

Development in cooperation with the world champion makes our treeMOTION system particularly suited for practical use and ensures top-notch performance, thanks to many well-thought-out details such as:

- stepless adjustment of suspension system improves load distribution to hips and legs
- ergonomically shaped back padding maintains comfort and keeps it in place
- adjustable gear loops
- quick-release buckles at waist and leg loops
- logical, color-coded distinction between PPE attachment points and gear loops
- accessory brackets on both sides allow 'clipped up' stowage of a chainsaw
- compression straps for First Aid kit and adjustable lumbar support
- possibility to work position from the side 'D' rings or the forward suspension D's
- bespoke chest harness available as an accessory



Certified to EN 358 and EN 813



TREEJACK

treeJACK is a particularly robust harness for the toughest assignments. Thanks to its sturdy design, it ensures ultimate wearing comfort and optimum safety, even for long jobs in rough conditions. Its innovative Safe Click buckles prevent any unintended opening of the harness, and its Sliding-D rings allow you to position yourself ideally for your job in the tree.

Offering great value for money, treeJACK is the ideal harness for beginners, fulfilling all basic needs for tree climbing assignments.

Certified to EN 358 and EN 813



OCEAN POLYESTER (8 MM, 10 MM)

Ocean Polyester is our response to the high demands made of hitch cords. Composed of a polyester/aramid sheath and a polyester core, its construction makes the rope highly abrasion resistant, grippy, and heat resistant. The second generation of Ocean Polyester was made softer in order to facilitate difficult knotting applications. Boasting a long service life, Ocean Polyester is great value for money.

Designation	Colour	Diameter [mm]	Weight [g/m]	Breaking strength [daN]
Ocean Polyester	red/yellow	8	50	≥ 2200
Ocean Polyester	red/yellow	10	72	≥ 3300



Delivered in lengths of 200 m on spools
Not certified to a PPE standard.

ROPES



PATRON 11 TREEACCESS

The low stretch Patron 11 treeACCESS is perfectly suited as an ascent rope and is certified to EN 1891A. As a result of its 32-strand braided sheath made of high-quality polyamide, this low stretch rope is ideal for both single-rope technique (SRT) and footlock ascents using rope clamps and friction hitches.

Certified to EN 1891A

Designation	Colour	Diameter [mm]	Weight [g/m]	Breaking strength [daN]
Patron 11	white/red/black	11	75	≥ 2200

Delivered in lengths of 200 m on spools



GLOBE 5000

Globe 5000 is composed of a 32-plait outer sheathing of polyester, an intermediate sheath of PES staple fiber, and a high-strength Dyneema® SK75 core. Its premium-quality workmanship reduces slippage of the core in the sheath by up to 80% compared to conventional configurations.

Designation	Colour	Diameter [mm]	Weight [g/m]	Breaking strength [daN]
Globe 5000	green/silver orange/silver	8	40	≥ 2520
Globe 5000	green/silver orange/silver	10	58	≥ 3780
Globe 5000	green/silver orange/silver	12	89	≥ 5130

Delivered in lengths of 200 m on spools

Not certified to a PPE standard.





SIRIUS BULL ROPE

For years, the Sirius Bull Rope has been a must-have item in the world of treecare. The 32-plait polyester sheath makes Sirius highly abrasion resistant and easy to knot. With its high-quality kernmantle configuration, the Sirius Bull Rope offers excellent value for money and therefore represents a cost-effective alternative to conventional rigging ropes.

Designation	Colour	Diameter [mm]	Weight [g/m]	Breaking strength [daN]
Sirius Bull Rope	white/red	12	103	≥ 3240*
Sirius Bull Rope	white/red	14	140	≥ 4320*
Sirius Bull Rope	white/red	16	178	≥ 5850*

Delivered in boxes containing 300 m (14 and 16 mm), in a box containing 600 m (12 mm), on a coil containing 50 m or 60 m or on a coil with eye termination containing 50 m. Not certified to a PPE standard.

* Breaking load of rope (without eye termination).



SIRIUS REEP SCHNUR

The accessory cord Sirius Reep Schnur is the classic Prusik cord in European treecare. Continual product development has made this robust kernmantle rope with a 32-plait polyester sheath ideal for a wide range of work at height applications. Its combination of good knotability and flexibility ensure supreme ease of handling.

Reep Schnur Sirius 8 mm, certified to EN 564

Designation	Colour	Diameter [mm]	Weight [g/m]	Breaking strength [daN]
Reep Schnur Sirius	black/red	8	50	≥ 1280
Reep Schnur Sirius	black/green	8	50	≥ 1280
Sirius	black/red	10	71	≥ 2340
Sirius	black/green	10	71	≥ 2340

Delivered in lengths of 200 m on spools

Sirius 10 mm is not certified to a PPE standard.



THE WORLD'S FIRST-EVER
COMPLETELY CERTIFIED
CLIMBING SYSTEM

CECLIMB



CECLIMB

CEclimb is the world's first completely certified climbing system (ascent and work positioning system) including a climbing rope and the Hitch Climber friction hitch system. CEclimb includes the TEUFELBERGER Group's well-known Tachyon™ and Braided Safety Blue™ tree-climbing ropes. For the hitch cord, the durable Ocean Polyester is combined with the new oval karabiner and Hitch Climber pulley from DMM into the proven Hitch Climber System. The individual components for the CEclimb System carry their own certification and are available as spare parts. In this way, climbers will always be able to replace individual components of CEclimb.

Certified to the PPE Directive 89/686/EWG

Designation	Colour climbing rope	Diameter [mm] hitch cord / climbing rope	Weight [g]	stat. breaking strength in system [daN]*
CEclimb 11/35	white/green/black	8/11	3050	≥ 2300
CEclimb 11/45	white/green/black	8/11	3920	≥ 2300
CEclimb 11/60	white/green/black	8/11	5220	≥ 2300
CEclimb 12/35	white/green/black	10/12	4050	≥ 2300
CEclimb 12/45	white/green/black	10/12	4780	≥ 2300
CEclimb 12/60	white/green/black	10/12	6370	≥ 2300



The individual components for the CEclimb System carry their own certification and are available as spare parts. The CEclimb system is certified to have a minimum configured static breaking strength of 2.300 daN (23kN) and a minimum dynamic loading capacity equal to the force generated when arresting a 2500 mm fall by a 100 kg test mass. Further information for the use of the Hitch Climber System can be found at www.teufelberger.com/en/products/baumpflege.html and www.treemagineers.com

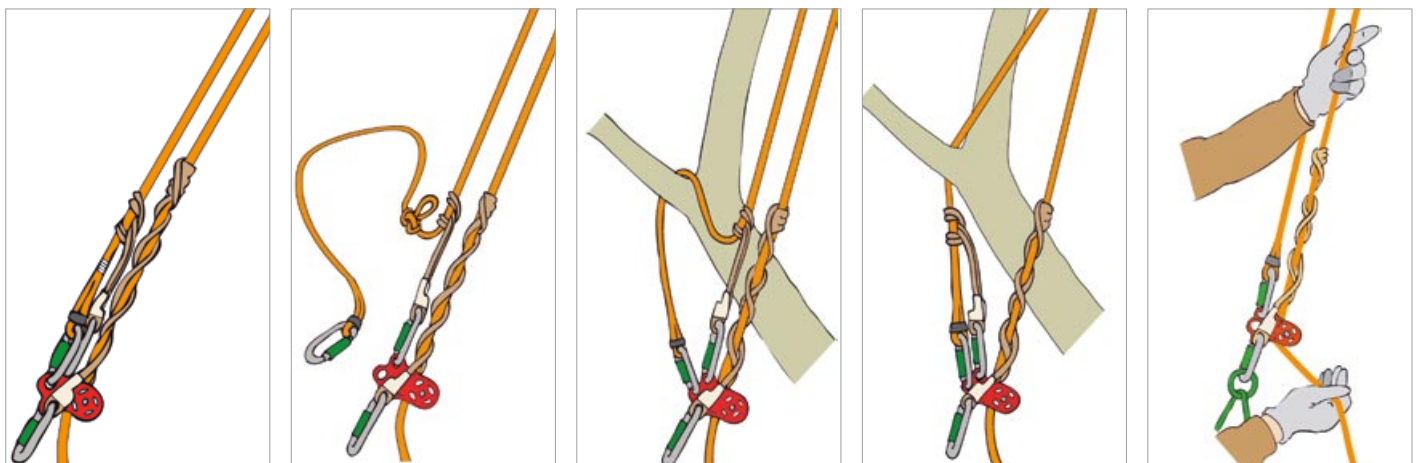
CEclimb is delivered in the TEUFELBERGER rucksack.

CEclimb 11/35 = Tachyon™ 11 mm / 35 m

CEclimb 12/60 = Braided Safety Blue™ 12 mm / 60 m

Hitch cord = Ocean Polyester E2E

* The hitch cord effect is tested following EN 567 and EN 12841.



ROPE TOOLS



OCEAN POLYESTER E2E (8 MM, 10 MM)

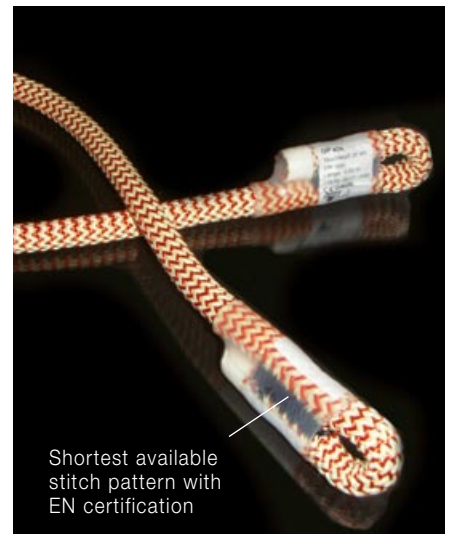
Ocean Polyester Eye-to-Eye comes from the proven Ocean Polyester stable: its sheath is made of braided polyester/aramid, its core of high-quality polyester fibers. The stitched eyes have a diameter of 10 mm and are designed to grip a karabiner. There is no shorter stitch pattern with an EN certification on the market. These high-quality stitched terminations are perfectly matched to the DMM Hitch Climber pulley. Such is the durability of this product, TÜV have stated that after arresting a fall, Ocean Polyester Eye-to-Eye slings may be safely retained in service for the duration of an ongoing rescue.

Ocean Polyester E2E 8 mm certified to EN 795B

Ocean Polyester E2E 10 mm certified to EN 566

Designation	Colour	Diameter [mm]	Weight [g/m]	Breaking strength [daN]
Ocean Polyester	red/yellow	8	50	≥ 1600*
Ocean Polyester	red/yellow	10	72	≥ 2200

* Individual testing in single leg



Shortest available stitch pattern with EN certification

SIRIUS MULTISLING

Sirius multiSLING has evolved from 10 mm Sirius into an indispensable multi-purpose tool for professional arborists. Thanks to a high-quality aluminum ring supplied by premium quality manufacturer DMM, Sirius multiSLING can be used as an anchor sling, hitch cord in single leg or choked configurations. The breaking strength of multiSLING was determined using the testing method to EN 566. Such is the durability of this product, TÜV have stated that after arresting a fall, Sirius multiSLING may be safely retained in service for the duration of an ongoing rescue.

Certified to EN 795B and EN 566, EN 354

Designation	Colour	Diameter [mm]	Weight [g]	Breaking strength [daN]
multiSLING 1,0 m	black/green	10	138	≥ 2200
multiSLING 1,3 m	black/green	10	159	≥ 2200



ROPE TOOLS



SIRIUS MULTISAVER

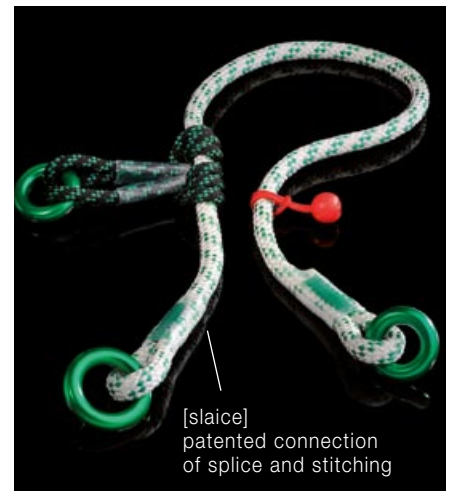
Made of Sirius kernmantle polyester, this novel adjustable anchor device is impressive because of its well thought-out design. All components such as integrated rings, Prusik rope adjuster, and stopper ball are perfectly compatible with one another. What is more, multiSAVER boasts a patented splice [slaice] and is length adjustable via the integrated prusik, ensuring functionality and great ease of use. Such is the durability of this product, TÜV have stated that after arresting a fall, Sirius multiSAVER may be safely retained in service for the duration of an ongoing rescue.

Certified to EN 795B

Designation	Colour	Diameter [mm]	Weight [g]	Breaking strength [daN]
multiSAVER 0,7 m	white/green	12	200	≥ 2500*
multiSAVER 1,0 m	white/green	12	330	≥ 2500*
multiSAVER 1,5 m	white/green	12	380	≥ 2500*

multiSAVER 0.7 m is delivered without ringLOOP

* Individual testing of multiSAVER without ringLOOP in double leg



SIRIUS RINGLOOP

ringLOOP is the latest member of the Sirius family. Like all other Sirius products, ringLOOP boasts a high-quality kernmantle construction of polyester which is highly abrasion-resistant and easy to knot. The movable high-quality ring is made of aluminum and supplied by DMM. Thanks to its well-thought-out design, ringLOOP can be used as spare part for multiSAVER and for a number of other applications making it a must-have for all climbing arborists. Such is the durability of this product, TÜV have stated that after arresting a fall, ringLOOP may be safely retained in service for the duration of an ongoing rescue.

Certified to EN 795B

Designation	Colour	Diameter [mm]	Weight [g]	Length [cm]	Breaking strength [daN]
ringLOOP	black/green	8	94	35	≥ 2100*

* Individual testing in single leg





SIRIUS LOOP

Sirius Loop makes your work in trees easier and safer. The decisive advantage of the stitching of the Sirius Loop as compared to conventional knots is its reliability and compactness. The use of high-quality polyester fibers for its braided kernmantle structure makes Sirius Loop abrasion-resistant and flexible at the same time. The breaking strength of the Sirius Loop was determined using the testing method to EN 566.

Certified to EN 566

Designation	Colour	Diameter [mm]	Weight [g]	Length [cm]	Breaking strength [daN]
Sirius Loop	black/green	10	86	50	≥ 2200
Sirius Loop	black/green	10	100	60	≥ 2200
Sirius Loop	black/green	10	114	70	≥ 2200



OCEAN POLYESTER LOOP

Ocean Polyester Loop is another handy tool from the Ocean Polyester stable. Tested to EN 795B and EN 566, this product has a wide range of uses and is a must-have for any arborist. Manufactured on automated machines, the stitched connection is quality assured to be both higher strength and less bulky than a knot. The static breaking strength of the OP Loop was determined using the testing method to EN 566. Such is the durability of this product, TÜV have stated that after arresting a fall, Ocean Polyester Loops may be safely retained in service for the duration of an ongoing rescue (for EN 795B).

Certified to EN 795B and EN 566

Designation	Colour	Diameter [mm]	Weight [g]	Length [cm]	Breaking strength [daN]
OP Loop	red/yellow	10	86	50	≥ 2200
OP Loop	red/yellow	10	114	70	≥ 2200
OP Loop	red/yellow	10	227	150	≥ 2200





Mark Bridge, Treemagineers



Chris Cowell, Treemagineers



Bernd Strasser, Treemagineers

Ensuring that our products are of the highest quality and provide optimum functionality is a special priority for us. It is not for nothing that TEUFELBERGER has been a leading manufacturer of premium-quality harnesses, ropes, and accessories for personal fall protection equipment for many years. Most of our treecare products are developed in close cooperation with Treemagineers. Therefore, you can rest assured that in everyday use our equipment will keep its promise: optimum comfort, highest safety, and perfect handling.

The rings, karabiners, and pulleys of our treecare systems are supplied by DMM, a British manufacturer of premium quality products. They are combined with our harnesses, ropes, and accessories with the greatest attention to detail for perfect results.

Our development partner Treemagineers know exactly what they are talking about. For years, these three tree climbers have put in a huge effort to think up new, and optimize existing, products. As a result of our close cooperation with Treemagineers and our long-standing experience as a manufacturer of ropes, our products consistently rank among the best in the market.

www.treemagineers.com
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