Teufelberger

TREECARE

Novelties 2019

EN

Together in Motion

treeMOTION® evo

MADE IN

Discover the next evolution of the treeMOTION® harness

The treeMOTION® evo is our top climbing harness for all arborists. It offers new versatile performance features like multiple bridge variations combined with well-known comfort and safety. Our treeMOTION® evo convinces arborists all over the world of its quality. High strength textile/plastic mixture, top-notch hardware and exchangeable wearing parts make the treeMOTION® evo your harness of choice.

The treeMOTION® evo features new Forward D rings (patented) that allow multiple bridge variations (single or double, rope or webbing, different colors) that can be changed as required. The new Cobra Buckles are stronger, anodized and come with a new protection against saw dust. In the application, the treeMOTION® evo offers more comfort due to a great range of movement and multi-layer webbing. Color-coded attachment hardware, replaceable back padding and individual, adjustable gear loops complete your comfort and safety. Due to these exchangeable wearing parts the full service life of the harness can be optimally utilized.

ENHANCEABLE

– Shoulder strap

EXCHANGEABLE

– Rope bridges
– Hip-leg connection
– Comfort Back Padding
– Left and right leg loops
– Leg padding
– Gear loops
– webbing bridges

Specifications

- ✔ New exchangeable double rope or simple webbing bridge
  - – Knotted rope bridge
  - – Stitched rope bridge
  - – Webbing bridge
- ✔ New Forward D rings (European Pat App 3 332 840)
- ✔ New Cobra Buckles
- ✔ New webbing organizer

Standards

EN813:2008, EN358:1999, ANSI Z133-2017, ASTM F887-16, CSA Z259.1-05, AS/NZS 1891.1:2007

Different bridge options are available in different lengths:

- ✔ knotted rope bridge (123 cm and 180 cm)
- ✔ stitched rope bridge (40 cm, 45 cm and 50 cm)
- ✔ webbing bridge (40 cm, 45 cm and 50 cm)

Technical data

Size	Hip circumference		Leg circumference		Weight		Rated load
	cm	inch	mm	inch	kg	lbs	kg
One size	76-105	30-41	52-66	20.5-26	2.50	5.60	120

Double knotted rope bridges
123 cm (delivered in standard)
180 cm (available in option)

Double stitched rope bridges
40 / 45 or 50 cm
(available in option)

Single webbing bridge
40 / 45 or 50 cm
(available in option)

⚠ Achtung

Die Bruchlasten: Die Angabe in daN (1 daN entspricht ca. 1 kg) gibt die Last an, bei der das Seil reißen würde. Die angegebenen Bruchlasten sind Werte, die sich aus den in unserem Labor durchgeführten Prüfungen ergeben. Im Einsatz können diese Werte je nach Anwendung abweichen. Die Bruchlasten beziehen sich auf die freie Länge und werden durch Spleiße und Knoten reduziert. Bei der Wahl von Sicherheitsfaktoren sind nationale Normen und entsprechende Anforderungen zu erfüllen.Verwendung der Produkte kann gefährlich sein. Unsere Produkte dürfen nur für den Einsatz verwendet werden, für den sie bestimmt sind. Sie dürfen insbesondere nicht zur Personensicherung oder zu Hebezwecken im Sinne der EU-RL 2006/42/EG verwendet werden, außer wenn die Produkte eindeutig durch entsprechende Normen dafür ausgewiesen sind. Der Kunde muss dafür sorgen, dass die Verwender mit der korrekten Anwendung und den notwendigen Sicherheitsvorkehrungen vertraut sind. Bedenken Sie, dass jedes Produkt Schaden verursachen kann, wenn es falsch verwendet, gelagert, gereinigt oder überlastet wird. Prüfen Sie nationale Sicherheitsbestimmungen, Industrieempfehlungen und Normen auf lokal geltende Anforderungen (wie z.B. die Wahl der Sicherheitsfaktoren). PLATINUM®, [slaice]®, TEUFELBERGER® und 拖飞宝® sind international registrierte Marken der TEUFELBERGER Gruppe. Weitere international eingetragene Marken sind: Technora® von Teijin, Nomex® von Dupont, Dyneema® von DSM, Vectran® von Hoechst Celanese und DMM von DMM International Ltd. Technische Änderungen sowie Satz und Druckfehler vorbehalten.

drenaLINE

MADE IN

Super versatile climbing rope

One rope equally efficient! Either on single or double rope configurations, this rope gives ultimate freedom to the climber to choose the right technique for the task.

The [slaice]® able drenaLINE works perfectly and reliably in single or double rope configurations. Its extremely light construction and 32-strand cover allow super smooth precision during ascents and descents. With drenaLINE you can always be confident that the hardware you bought will be the right one. This rope has been extensively tested in the field with a vast range of hardware in single and double rope climbing techniques by experienced tree climbers around the world.

Specifications

Diameter: 11.8 mm (15/32")
Cover: Polyester
Core: Nylon
Plait number: 32
Lengths: 45, 60 and 500 m
Version: With [slaice]®

Standards

EN 1891A, ANSI Z133-2012

Technical data

Diameter		Elongation	Weight		Min. breaking strength, free length		Min. breaking strength, free length [slaice]®	
mm	inch	%	g/m	lbf/100	daN	lbf	daN	lbf
11.80	15/32	2.30	96.50	6.50	3,500	7,870	1,650	3,710

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Xstatic

MADE IN*

Extra static SRT rope

Straight to the point! With Xstatic TEUFELBERGER designed a perfectly static rope specifically for Single Rope Technique (SRT) climbing.

The special kernmantle construction of Xstatic maintains high tensile strength with minimum elongation. Xstatic provides better control for sleek descents and makes retrieval smooth and easy even with multiple redirects. With this rope you will focus your strength and skills where they belong: efficiently taking care of the tree, not worrying about climbing. It is the perfect choice for both an SRT access line and work positioning line. It's been successfully tested with all common hardware in the field by experienced tree climbers around the world.

Specifications

Diameter: 11.7 mm (15/32")
Cover: Polyester
Core: Nylon
Plait number: 32
Lengths: 45, 60 and 366 m

Standards

EN 1891A, ANSI Z133-2012

Technical data

Diameter		Elongation	Weight		Min. breaking strength, free length		Min. breaking strength, with fig. 8 knot	
mm	inch	%	g/m	lbf/100	daN	lbf	daN	lbf
11.70	15/32	1.40	105.60	7.10	3,200	7,190	1,700	3,820

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*(with US and globally sourced materials)

hipSTAR Flex

MADE IN

CE Lanyard became hipSTAR FLEX

hipSTAR Flex is a multifunctional and certified lanyard that capitalizes on the length adjustment advantages of the “Hitch Climber System”.

CElanyard has always been ahead of its time and very popular. This is why arborists around the globe use CElanyard and enjoy the benefits of this one-of-a-kind system. Committed to the safety and efficiency of tree climbers, we now took another step forward.

CElandyard is no longer certified to the European CE standard only, but also complies with additional certifications in line with the countries where it is used. Thus, we rebaptized it into hipSTAR FLEX 11.5mm!

Now, our hipSTAR FLEX 11.5mm is certified to:
EN 358:1999, EN 795B:2012, AS/NZS 5532:2013, AS/NZS 1891.1:2007, ANSI Z133-2017

In addition, two knots, i.e., ‘Distel’ and ‘Valdotain 4+3’, are now certified for our Ocean Polyester e2e. The seams of the ends of the hipSTAR Flex come with TEUFELBERGER’s resin-based [tnt] seam protector technology. The 7 mm Ocean Dyneema® rope with stainless steel thimble is designed as an additional mounting point.

AVAILABLE IN

– 3 m, 4 m, 5 m, 7 m & 10 m

EXCHANGEABLE

– Ocean Polyester e2e
– Ocean Dyneema® Loop T
– hipSTAR FLEX e2e

Specifications

Diameter: 11.5 and 12.7 mm

Lengths: 3 m, 4 m, 5 m, 7 m, 10 m

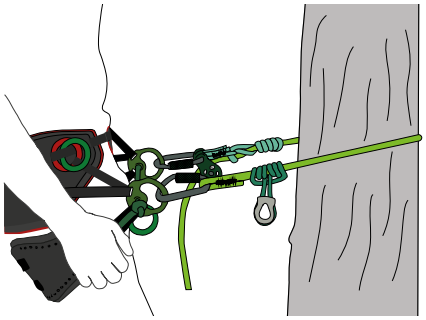
Standards

Ø 11.5 mm: EN 358:1999; EN 795B:2012; AS/NZS 5532:2013; AS/NZS 1891.1:2007; ANSI Z133-2017
Ø 12.7 mm: EN 358:1999; EN 795B:2012; ANSI Z133-2017; AS/NZS 5532:2013; AS/NZS 1891.1:2007

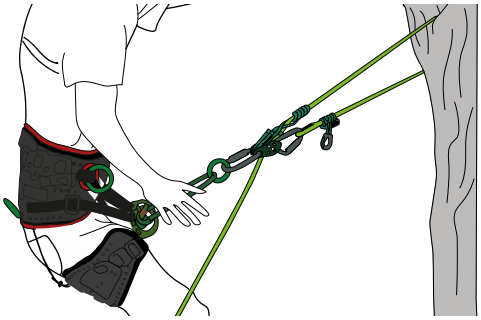
Technical data

Diameter		Min. breaking strength		
mm	inch	daN	lbf	
11.50	7/16	2,500	5,620	Breaking strength depends on configuration of the product
12.70	1/2	2,500	5,620	Breaking strength depends on configuration of the product

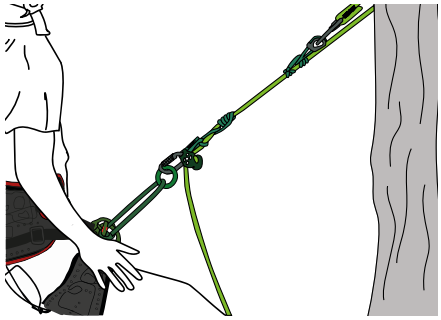
Possible types of use



Double configuration



Single configuration, together with the pulley



Single configuration, together with the Thimble Loop

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flipLINE

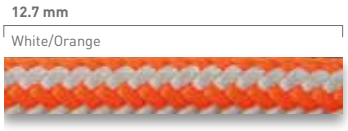
MADE IN

Lanyard with steel wire core

The flipLINEs from TEUFELBERGER are lanyards provided with a steel wire core. Available in 12.5 mm diameter, our flipLINEs feature a Hi-Vee® cover tightly braided over a steel wire core.

The diameter and construction of the flipLINE allow using this rope product in combination with most types of ascenders and mechanic adjusters. The flipLINEs from TEUFELBERGER are certified to EN and ANSI and are available in different lengths and versions.

CAUTION!
The flipLINE is unsuited for use in the vicinity of electrical lines!



Specifications

Lengths: e2e: 1.9 m, 2.5 m, 3.1 m, 3.7 m, 4.3 m, 4.9 m
e2e + swivel: 1.9 m, 2.5 m, 3.1 m, 3.7 m, 4.3 m, 4.9 m
Plait number: 16

Standards

EN 358:1999, ANSI Z133-2017

Technical data

Description	Diameter		Min. breaking strength,	
	mm	inch	daN	lbf
e2e	12.70	1/2	2,450	5,400
e2e + swivel	12.70	1/2	2,450	5,400

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