ART
ADVANCED ROPECLIMBING TECHNOLOGY

Cocoon
SpiderJack
LockJack
RopeGuide
Trapeze
DoubleSnapper
Positioner
The latest pulley of the Cocoon series is called Cocoon 3! During the development of the Cocoon 3, it was aimed to enlarge the pulley diameter from 22 to 30 mm for further reduction of friction, while keeping the unique Cocoon design. And with no price increase! The additional cost could be compensated by replacing the threaded ball nut of the Cocoon 2 with a ball-shaped cap w/o thread, which is now fixed by 2 screws. Feedback from users of the Cocoon 1 and 2 said that the pulley was not dismounted and reinstalled very often, so the comfort of the threaded cap was hardly used. The task was solved brilliantly by ART, though we hope that we will find the ball nut of the Cocoon 2 again somewhere else!

With the Cocoon 3, ascent requires even less effort and the shape is still something special. High-quality SKF ball bearings are still used in the Cocoon 3 and, despite of a significant size increase of the pulley, the body of the Cocoon 3 is still built from a single piece of high-strength Konstruktal-Aluminium. In connection with a webbing sling or a prusik loop, it can be used in various applications, like an "In-Line-Anchor". The installation of the loop or webbing-sling on the Cocoon 3, is still very easy, as shown in the manual. There's no need for a carabiner or other connectors, the loop or sling disappears inside and is protected by the ball cap. The Cocoon 3 combines known and new functions in an elegant way and it is robust and durable. Tested and certified for personal protection equipment (PPE) in accordance with the European Standard EN 12278 as well as a component of the certified RopeGuide.

COCOON 3

Now with
30 mm Ø

Cocoon 3 Pulley | 22 kN | EN12278
Great design and extraordinary mechanical capability: With two high quality SKF ball bearings the redirect pulley Cocoon 3 serves as a reliable and sturdy part of Personal Protection Equipment (PPE). Unique in form and function, the Cocoon 3 was mainly designed to be used with the ART RopeGuide. In connection with a sling or a loop runner it can also be used in other applications like an "In-Line-Anchor". The illustration shows how to install loops or slings easily. No carabiners nor other connecting devices are needed. Top cap sling or loop runner are locked directly on the bolt within the device. The Cocoon 3 elegantly combines the new with the known features and provides a safe, robust product with a long service life.

ART Rope Sling
Heat resistant | 50 cm | Ø 10 mm
Very resistant to heat. Good handling with all kind of friction hitch. The sheath is made from 50% Technora and 50% Polyester.

Cocoon Cone Cap Sling
Cone cap for slings
The cone cap enhances the connection to slings even more. The Cocoon glides easily through all kinds of bottleneck areas.

Cocoon Cone Cap Rope
Cone cap for ropes
The cone cap enhances the connection to rope sling even more. The Cocoon glides easily through all kinds of bottleneck areas.

www.climb-art.com
The SpiderJack 2.1 serves as a multifunctional, self-blocking rope control device for the running double rope. Subject to adequate practice the SpiderJack 2.1 allows for unique functions and movements resulting in a very dynamic as well as effort-saving way of climbing in trees.

Thanks to the self-tailing function slack rope formation during ascent is a thing of the past and the descent is always controllable, whether slowly or rapidly. The free rope passage in the SpiderJack combined with a spontaneous and secure locking under load are its primary and legendary advantages.

Winning the Australian championship and reaching the 2. place at the world tree climbing championship 2011 with the SpiderJack, Joe Harris proved the potential of the device. The SpiderJack combines control, sportiness and efficiency.

SpiderJack 2.1 Basic
SpiderJack 2.1 features:
- Use with ropes according to EN 1891, 11-13 mm.
- Extremely smooth rope passage even under load.
- Thumb brake allows for precise control of movement.
- New long release lever

Tip
When using the SpiderJack a harness with a low attachment point is recommended. The lower the SpiderJack is attached, the longer are the arm pull movements. The SpiderJack has no anti-panic function! Therefore it is necessary to follow user instructions especially in the training process!

Upgrade options for all previous models (SpiderJack 1 and SpiderJack 2)
- A modular design of the ART rope control devices allows to retrofit all previous SpiderJacks with the new developed Dynema Kit and the long release lever.
- Pock Wood

Tip
The wooden brake pads used with the SpiderJack brake-levers are made from pock wood, an especially hard and oleiferous wood. Most of the precious pock wood comes from Central America, traded only under strict legal control.

Its botanical name is Guaiacum. Depending on its origins it carries additional names like "coulter" (Mexico) or "officinale" (Antilles) In Europe the name "pock wood" derives from the time, when its resin was used in the fight against pox.

It is a very hard wood, friction resistant and extremely durable.

Version 2.1:
- New: long release lever
- Pock Wood
- Brake-levers are made from pock wood, an extremely hard wood, friction resistant and extremely durable.
- Thumb brake allows for precise control of movement.
- Some practice with the unique thumb brake will facilitate a very precise control of rope passage – from extremely slow to extremely fast.
- The brake pad is made of Guajak wood (guaiacum), a very hard wood, friction resistant and extremely durable.
- New: long release lever

Adjusting system in accordance with EN 358 | patent

In this video you can see the possibilities when climbing with a SpiderJack:
http://youtu.be/MBfyrzZzsvk

Please use our service hotline to ask for more spare parts (for older models as well).
In 1998 this was a revolution. Today it is a device that many tree care experts never want to miss again!

By inventing the LockJack Hubert Kowalewski has effectively influenced the development of tree climbing. The LockJack comes as a comfortable, efficient and easy to handle device for tree climbers and their needs all over the world.

The LockJack Sport offers every climber, beginner or pro, a safe, dynamic and energy saving climbing experience. Using footlock technique or foot ascenders the LockJack always allows an elegant ascent on the climbing line or even along the trunk. In the tree crown a one handed pull on the rope is enough to manage a permanently tight rope. While ascending on a rope even with less rope weight climbers easily feed the rope from top with one hand through the rope duct.

Climbing above 15 meters with a RopeGuide at the anchor point the climbing line tightens by its own weight. That proofs how smoothly the rope runs through the LockJack and still it blocks automatically and safely. Equipped with the ART Swivel the LockJack compensates twists of rope and body alike and therefore considerably raises the climbing comfort.

In combination with a RopeGuide the LockJack Sport in recent years has added much to the efforts in establishing an efficient as well as safe climbing style. Climbing with a system that is steadily being reached over while tightening has finally prevailed.

The long twin-versions “Steel” and “Dyneema” (from the age of body-trust) have therefore proven indispensable and are not offered anymore.
ROPEGUIDE 2010

ROPEGUIDE 2010/Version 2012

ART’s patented friction saver concept has a prominent name: RopeGuide. That's already everything needed to say. Smooth rope work and special care for the cambium join their forces in this outstanding device. The RopeGuide 2012 combines the best features of his predecessors with the fascinating results of ongoing research: it is very light, can take on bigger loads and offers even more safety at the same time.

This incredible combination of lightness and greater security is achieved by a typical ART dodge: a tunnel instead of a massive ring! The ART tunneling. A solution of striking simplicity. Rope of friction saver is running through this tunnel, it forms a loop around the ring and thus they become a unit. Although less material is used, the breaking load is increased altogether in accordance with the slogan. Together they are strong.

As well the security is doubled, because the sling of the ZipAbsorber (the unique and award-winning build shock-absorbing system) is not only in the ring, but at the same time in the loop which is protected being inside the tunnel. Less of everything and yet more altogether.

The tunnel ring yet has another extra: Usually ropes and slings (e.g. for friction savers) are placed around rings and are sewn. Rope and sling could be roughed up on this position when grinding over rings and are sewn. Rope and sling could be protected being inside the tunnel. Less can be more!

RopeGuide 2010 Outlines

• integrated Zip-Absorber
• continuously adjustable length
• can be combined with DoubleSnapper-3
• easy „lifting“ of pulley with climbing rope installed
• optimized „choking“ mode based on spring-loaded cam
• automatic blocking without slippage
• easy adjustment even under heavy loads
• top safety and loading capacity based on tunnel shaped ring and rope in combination
• optimized retracting of ring based on integrated fender
• optimized releasing of friction saver based on use of release lever
• low kink, great width and abrasion resistance by parallel sewn 8 mm polyester rope

NOTE: The RopeGuide 2010 works only with spliced eyes! (not sewn ones)

2010 COCOON 3 2010 LINK 2

Service life of ROPEGUIDE 2010 metal parts is 10 years!

The RopeGuide 2010 Cocoon 3

Friction saver / adjustable / EN 795B

The RopeGuide 2010 Cocoon 3 combines the best properties of his predecessors with the thrilling results of current advancements: he is very light, can be charged even more and is exceedingly safe. His so-called Tunnel-ring is unique. Sharing only 50 % of the weight of a massive ring, the Tunnel-ring concept achieves comparable resistance and higher safety simultaneously. This is a typical ARTifice! Tunnel-ring instead of a massive ring. The internal rope is protected by the ring. Amazing but true: the rope raises the breaking load of the ring and vice versa – an ingenious symbiosis. Less weight, higher rope load, and increased safety since the runner leading to the pulley crosses the ring AND the loop as well. The service life of RopeGuide metal parts is 10 years!

<table>
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<th>Length</th>
<th>Price incl. 19% VAT</th>
<th>Price excl. VAT</th>
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The RopeGuide 2010 Link 2

Friction saver / adjustable / EN 795B

The RopeGuide 2010 Link 2 protects the climber in case of falling from dangerous maximum impact forces – just like an airbag. Three kind of impact forces can occur even with „short“ falls and they can cause severe injuries. In a standard test conducted during certification (100 kg dropped by 1 m) the Zip-Absorber reduces impact forces reliably to under 4 kN. Without the shock-absorber impact forces would almost double!

What’s so special? Compared to the conventional shock absorbers, the Zip-Absorber withstands permanently challenging work conditions without early opening. Within the RopeGuide it serves not only as a shock absorber but also as a retrieving device. According to ART philosophy this device is available as spare part as well.

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Please use our service hotline to ask for more spare parts (as well for older models).
**SNAKEANCHOR**

The SnakeAnchor is a new attachment and connection device according to EN 795 B, which can be continuously adjusted. It shines as a new multi-talented star, equipped with the brand new tube shaped ring. The one-and-only combination system of tube shaped ring, parallel seven 8.5 mm polyester rope by the company Gleistein as well as segment stitching makes for a strong, versatile and easy to use tool in everyday work situations. If you want to secure or block the choked sling, you just need to install a small biner into an open rope segment right in front of the ring. Climbing ropes can be fastened as lower anchor. This way you can for example install a lowering device for aerial rescue at any given place.

**SnakeAnchor features:**
- To be used as lower and upper anchor
- Segment stitching makes for continuous adjustments (about 7 cm in the 2.5 m version and about 9 cm in the 5 m version)
- Securing position in choking mode installation with non-locking carabiners
- Usable as an adjustable friction saver with carabiners or pulleys
- Great abrasion resistance and wide contact surface based on parallel sewn 8.5 mm double strand polyamide rope
- High load capacity plus protection of eye with tube shaped ART ring
- Better security and tensile strength based on even load distribution onto whole of tube shape ring structure.
- Segment stitching has static load capacity up to 4 kN (working load) and shock absorbing qualities off 5 kN (high security)

**LIGHTANCHOR**

The LightAnchor successfully tackles old problems: the growing furryness of the loop, the highly concentrated load on the cambium via rope as well as abrasion of a ring chafing and rubbing against the bark are now things of the past. At the same time the LightAnchor masterly combines the advantages of both systems – abrasion resistance and a wide contact surface of 25 mm.

All new advances become possible because of the 8.5 mm polyester rope stitched together in three webs. Each end is clamped by an eye enclosing a specially manufactured grooved ring. The load is evenly distributed onto the ring and the rope is protected by the groove (no chafing at bark). This way not only weight is reduced but also tensile strength heightened (>25 kN), resulting in doubled safety – because the climbing rope not only runs through the ring but also indirectly through the eye being formed by the stitching.

**LightAnchor features:**
- About 50 percent less weight if combined with grooved rings
- Breaking load is way more than 25 kN inspite of its low weight
- Eye splices are permanently protected by their snug position and large deflection radius
- Safety based on the combination of the rope-grooved ring with rope on top level
- The climbing rope runs through ring and eye splice at the same time: safety factor doubled!
- Damaged or worn out friction saver rope or rings can be easily replaced.
- LightAnchor is the only cambium saver with rings that can be installed in choking mode.
- Parallel stitching of three 8.5 mm polyester rope webs makes for a 25 mm wide highly abrasion resistant friction saver.

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**Mobile attachment device in accordance with EN 795 B | Utility Model**

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**SNAKEANCHOR**

Segment stitching and tube ring are registered designs.

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**LIGHTANCHOR**

Grooved ring is a registered design.
**COMPLETE LANYARD SETS - incl. POSITIONER 2**

**DoubleSnapper 3**

The DoubleSnapper was devised and developed for the gentle and controlled pulling of a RopeGuide, but can be used for other friction savers too. Finally friction savers like the RopeGuide should never experience uncontrolled falls. With the help of a throw line a controllable pulling of every kind of friction saver is possible. However, with conventional methods, it takes 4 to 8 times more length of throw line than installation height. But not with the DoubleSnapper, because it optimizes the multiplication of the throw line in such a way, with using only the doubled throw line, that the DoubleSnapper can be pulled down safely and without damage. The third generation of the DoubleSnapper impresses with its design and with its enormous tensile strength. The robust frame construction prevents the chassis of the device from spreading and the jumping out of the ball cage, even at high tensile loading. This makes the demounting of the RopeGuide and all other friction savers so much easier!

**ART Cherry 22 mm**

Cherry to recover the RopeGuide and for use with the DoubleSnapper.

**ZS4PW3 3 m**

236,81 €

**ZS4PW4 4 m**

210,31 €

**RopeGuide and all other friction savers so much easier!**

**Positioner 2**

When it comes to mechanical adjusters on lanyards the ART Positioner has become the climber’s first choice since it came up to the market. It clearly represents state-of-the-ART equipment. The Positioner grabs the rope as soon as it comes under load. Contrary to conventionally used rope clamps the Positioner allows a reliable one-handed adjustment even under load. The ergonomically formed release lever offers comfortable handling.

The Positioner works with ropes of 11-13 mm in diameter as well as on steel core flip lines with a climbing rope cover, e.g. the Flex-Fly. Climbers can choose between a fixed carabiner eye and a swivel. The swivel prevents the device from twisting on the rope since it counteracts efficiently the unavoidable rope twists. The swivel keeps the Positioner in perfect position and allows for comfortable handling in about every possible situation. All parts of the Positioner can be replaced. Swivel and clutches with springs can be replaced - as well on all previous models.

**Operating life of Positioner 2 is 10 years now**

Doubling the operating life from 5 to 10 years was made possible by positive long-term tests of the Positioner Basic and an enhanced swivel.

All previous Positioner Basic devices (without swivel) get expanded their operating life by ART from 5 to 10 years, as well all Positioner with swivel, if a new swivel wearing code “12”, “13” or “14” is installed.

Positioners with Swivel wearing a code “11” or less remain in operating life of 5 years.

**ART DoubleSnapper 3**

The clever designed DoubleSnapper has reached its next step on the “evolutionary ladder” and acquired a considerably increased tensile load capacity. The sophisticated new frame design now prevents the body complexly from any forcing apart and as a consequence the detaching of the ball cage even under load. Retaining the RopeGuide or other friction savers turns out much easier. Since the RopeGuide should not experience uncontrolled falls, the DoubleSnapper 3 proves ideal for its controlled retrieving.

**PS5 16,66 €**

**PS5W 17,31 €**

**PS5-S 18,01 €**

Please call our hotline for ordering other spare parts.

Please provide your devices serial number.