

RP880 D4™ Work/Rescue Descender

The D4 Descender features a unique and innovative progressive cam action, which offers precise control at slow or fast speeds. The D4 is a double-stop device with an auto-lock function and a panic brake. It features a massive 240kg/500lb working limit so it's perfect for rescue kits.



RP431 R-ALF™ Rescue Pulley

The R-ALF has a two-way locking over-speed brake built in so that it will automatically lock and hold when a fall occurs. The load rated becket eye can be used in combination with a range of ISC medium prussik pulleys to set up a 3:1 pick off kit.



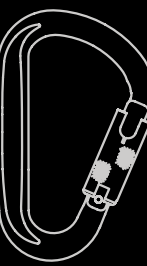
RP029 Shear Reduction Pulley

The wheel of this Pulley does not rotate, thus giving maximum friction. The increased friction makes this pulley ideal for increased control when used in lowering applications, such as top roping in Climbing Walls/ Gyms and Ropes Courses.



ISC Karabiners

ISC Performance Karabiners are forged for best build quality and feature a 'Blind' nose, which improves performance & eliminates snagging. ISC Aluminium Karabiners are of sleek ergonomic design, with a high strength to weight ratio.



SCM-LRA101 Adjustable Lanyard

This lanyard can be adjusted from 60cm (24") to a maximum of 90cm (35"), to suit a range of user heights. The lanyard has an anti-twist choke attachment loop, which is ideal for preventing users from detaching from the system and when used in place of a karabiner, can significantly reduce wear on the attachment eye.



HBXXX HaulerBiner™ Compact Rescue Kit NEW

The HaulerBiner is a light weight, compact rescue kit, which can be worn by the rescuer. The kit is fitted with a progress capture cam and offers 6:1/7:1 theoretical mechanical advantage (depending on which way up it's used) and can be used for pick-off rescue, 'short haul-long lower' and stretcher management applications. When fully compressed, the device measures only 32cm (12")! Available in three standard lengths-105,165,300cm (3'5", 5'5", 9'10"), with bespoke lengths on request.



ISC Prussik & Eiger Pulleys

We manufacture a very wide range of Prussik and Eiger Pulleys to suit 13-19mm (1/2" - 3/4") rope and with MBS ratings of up to 70kN (15736lbf). All Pulleys are fitted with tamper-proof rivets. Our Prussik Pulleys are available with a choice of Bushings or Bearings.



ISC Snaphooks

We manufacture a wide range of standard Snaphooks, as well as standard or fall-indicating Swivel-eye versions. We offer standard double-action mechanisms, or our unique triple-action mechanism, for extra security.



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2017 Adventure Park Range

What our customers say about our products...

"The SmartSnap embodies two critical values that are central to our operating ethos; it provides 100% tie-off security by disallowing unintentional disconnection from the belay system, while also retaining participant involvement in the transfer process. It's an ingenious product and is the standard belay system we use for our ZIPStream® brand of aerial adventure parks."

Don Stock
President, ZIPStream Aerial Adventures (USA)

"As we continue to roll-out the ZipWorld brand around the world, ISC trolleys and components will continue to be our products of choice.

The ARC (Anti-Rollback Cams) that have been installed on the Trolleys at ZipWorld Velocity, have lasted phenomenally well and have been a huge benefit to throughput, on these exceptionally busy lines. The ARCs have been on the trolleys for just over a year -which equates to roughly 10,000km of use."

Nick Moriarty
President, ZipWorld (Worldwide)

"ZipWorld have been using the ISC Anti-Rollback Cams (ARCs) on ZipWorld Velocity, Titan & Caverns lines. They have been a fantastic aid to our operations and are showing good longevity."

Emyr Bath
Operation Inspection Coordinator, ZipWorld (UK)

"We use the ZipSpeed together with the Superman Harness. The products are fantastic quality, beautifully made and 100% reliable!"

Brian Phelps
Managing Director, Hangloose Adventure Ltd. (UK)

"Peace of mind, piece of cake. The ISC Zippey Clippy Trolley is our trolley of choice. Well-made and user-friendly, our guides and clients alike love the ISC Zippey Clipp'n'Zip. In tandem with the ARC anti-rollback device, the Zippey saves tour owners the time and expenditure of installing elaborate, awkward capture devices while offering the same convenience for guides! AND IT'S ONLY THE SIZE OF YOUR THUMB!"

Kyle Bruser
Chief Operating Officer, Synergo (USA)

"We have been using the ISC SmartSnap for around three years now and after 12 years of using other systems on our aerial trekking system it has been the most user friendly and dependable bit of kit blending user responsibility and safety to a perfect balance."

Stuart Court
Activities Development Manager, Hilltop Adventure (UK)

"I am very impressed with the quality, design and build of all the ISC products that I have used. At Manor Adventure we use your RP075 ZipSpeed Trolleys, SmartSnap Continuous Attachment Device, various steel and aluminium karabiners and I also have a D4 Descender for rescues. Instructors and clients find the products easy to use and they trust the equipment straight away."

Peter Griffiths
ERCA Trainer, Manor Adventure (UK)

Pavel Gaitan
Director Of Operations, Cabo Adventures, (Cabo San Lucas and Puerto Vallarta, Mexico)

"We switched to the ALF pulley system for our ladders a few years ago after many years of struggling with unsuitable industrial products. The ALF has changed our whole operation as it's safer, very customer friendly and allows a much smoother throughput. In terms of rescue, it has revolutionised things as we can now conduct all ladder rescues from ground level, this has gone down very well with customers as the whole situation becomes much less dramatic giving them confidence in the product and our operations, and from our point of view it is much easier for staff training."

Rich Cooke
Technical Safety Instructor, GoAPE (UK)

"We have been using ISC Trolleys since 2013. What we like about the Large ZipSpeed (RP076C) is that we bought it off the shelf for exactly what we wanted, 3/4" cable diameter and speed of up to 60 mph, reliable, long lasting (even in our tough environmental conditions) and are easy to inspect. We also enjoy working with the folks at ISC they're always open to our comments and suggestions and every time we have a request, they find a cool, technical solution!"

We also use double-stacked Zippey trolleys (fitted with the Hanger bracket). The Zippey is a great trolley, we are using it on two 1200m lines, including a tour where people go into a river and in to the sea."

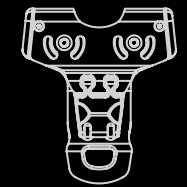
Pavel Gaitan
Director Of Operations, Cabo Adventures, (Cabo San Lucas and Puerto Vallarta, Mexico)



Zipline Range

We have worked with Zipline Operators all over the world, to develop a wide range of Zipline Trolleys and accessories. Our range is designed to allow operators to offer a safe, exhilarating Zip experience, whilst maintaining optimal throughput efficiency!

RP074 Zippey Clip'n'Zip™



NEW 'Hanger' Version
Allows two Zippeys to be connected together, for use on stack/dual-lines

Options:
To suit 13mm (1/2") Cable Diameter
Available with flat or hooked end-stops (for mounting secondary lanyard)
Sealed or greaseable Bearings

Ideal for:
Short-medium length lines
Quick, one-handed attachment to Zipline
Compact & light, can easily be carried on user's harness

Compatible with:
Anti-Rollback Cam (ARC)
ISC SmartSnap Continuous Attachment Device
ISC Adjustable Lanyard

RP075 Small ZipSpeed™



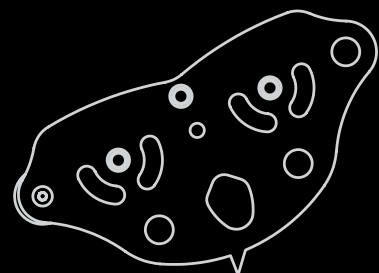
NEW Front Bumper
Improved side plate protection & compatibility with standard/retrieval braking systems

Options:
Available for 13 or 16mm (1/2 or 5/8") Cable Diameters

Ideal for:
Short, Medium or longer length lines. Can be hand carried by users

Compatible with:
Anti-Rollback Cam (ARC)

RP076 Large ZipSpeed™



NEW Front Bumper
Improved side plate protection & compatibility with standard/retrieval braking systems

Options:
Available for 13, 16, or 20mm (1/2, 5/8 or 3/4") Cable Diameters
Available with Stabiliser Bars (required when using Parachute Harness)

Ideal for:
Medium to long length lines
Fast running lines. Can be hand carried by users

Compatible with:
Anti-Rollback Cam (ARC)
Parachute Harness (Stabiliser bars required)
Superman Harness

Anti-Rollback Cam (ARC)

The Challenge

Lack of rider weight and/or environmental conditions such as head/side winds can cause the zip trolley to stop just short of the end of the zipline - and to exacerbate the problem, the zip trolley can then roll backwards leaving the rider stranded further out along the line. The operator must then perform a time consuming, long distance rescue procedure to retrieve the stranded rider. This can happen several times a day and can bring significant loss of throughput and earnings.

The Anti-Rollback Cam (ARC) Solution...

The Anti-Rollback Cam is a simple device which can be retro-fitted to the ZipSpeed and Zippey Trolleys. During normal use, the cam trails, allowing the trolley to roll forwards, unhindered. However, as soon as the trolley begins to roll backwards, the cam is activated, bringing the trolley to an immediate halt. This anti-rollback function captures the progress of the trolley, which means that even when the trolley doesn't reach the end of the zipline, it cannot roll backward and hence rescue distance (and therefore, rescue time) is significantly reduced.

Some trolleys are fitted with one-way bearings which are supposed to stop the trolley from rolling backwards but tests and feedback have shown the ARCs to be a **much more effective and inexpensive solution**.

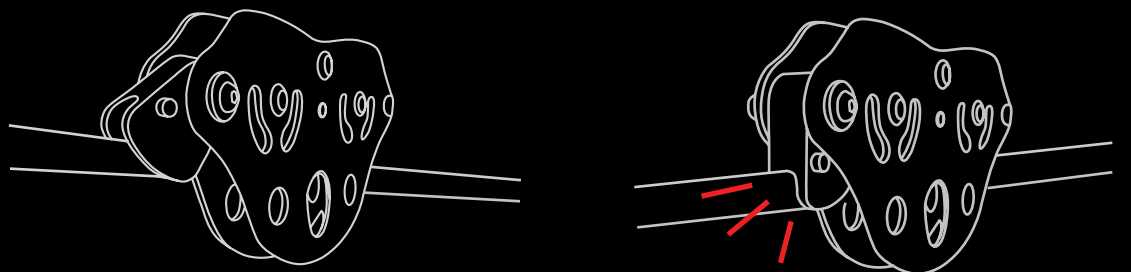
- Stops all backward movement (whether caused by wheels rolling or sliding)
- Machined from solid Aluminium, with hard Anodised finish
- Can be retro-fitted/replaced on site
- The RP075 & RP076 Cam can be disengaged using the spring-loaded locking button
- Weight 174g (6oz)



Photo courtesy of Zip World ZipBelow



Photo courtesy of Zip World Titan



Can the ARC be used with braking systems?

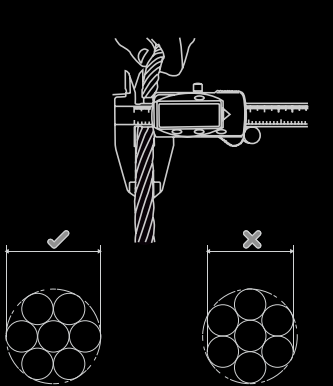
The Anti-Rollback Cam (ARC) is great for use with braking systems! As soon as the braking system has completed its function in slowing and subsequently stopping the forward movement of the trolley, the trolley can often begin to roll backwards! If not caught by a member of staff (who may have multiple lines to supervise), the rider can soon after find him/herself stranded mid-way down the zipline!

ARC Retro/Self-fit Cam Kits:

Part Code	Compatible with	Cable Diameter Options (mm)		
		12	13 ^(1/2")	16 ^(5/8")
ARC074A1	RP074 Zippey (all versions)	✓	•	•
ARC074A2	RP074 Zippey (all versions)	•	•	•
ARC075A1	RP075 ZipSpeed Trolley	•	✓	•
ARC075A2	RP075 ZipSpeed Trolley	•	✓	•
ARC075B1	RP075 ZipSpeed Trolley	•	•	✓
ARC076A1	RP076 ZipSpeed Trolley	•	•	✓
ARC076A2	RP076 ZipSpeed Trolley	•	•	✓
ARC076B1	RP076 ZipSpeed Trolley	•	•	✓

(If your cable size is not listed please request a sample for evaluation)

Correct measuring of cable



***IMPORTANT** - Smooth cable (swaged or interlocked) improves the performance of the trolleys and ARCs. Conversely, coarse-lay cables reduce the lifespan of the trolleys and ARCs

We can also supply the ARCs fully fitted and assembled with The Trolley, please contact for more information.

***IMPORTANT** - due to the many different cables types and variables affecting useage we recommend that you carry out trial evaluations with a sample ARC on your chosen trolley and cable to ensure compatibility and suitability in the environment which you intend to use them. If your cable size is not listed please request a sample for evaluation.

Zip Accessories

SAB-ZLSEAT Parachute Harness

The Parachute Harness offers riders the opportunity to admire the view, from a secure seated position. This harness is available in five sizes (S-XXL) and can accommodate a maximum user weight of 150kg (310lbs). Each harness is supplied with 'W' attachment bridle, which can be ordered separately and replaced on site as required. The Parachute Harness is compatible with the RP076 Large ZipSpeed Trolley- fitted with Stabiliser Bars. Stabiliser Bars are available as factory-fitted, or a retro-fit accessory kit. The harness is worn as a suit and users are free to walk between zip lines, without having to remove the harness.

Harness Weight: 3kg (6.6lb)
Recommended attachment Karabiners, 2 x Steel Oval (KL311TL) and 1 x Steel HMS (KH212TL)



Large ZipSpeed Trolley, fitted with Stabiliser Bars & Parachute Harness. Photo courtesy of ZipWorld TITAN, (UK)

SAB-ZLH Superman Harness

The Superman Harness offers the ultimate exhilarating 'flying' experience and is ideally suited to long, fast & high adrenaline lines! The Superman harness is mounted directly to the attachment holes of the RP076 Large ZipSpeed Trolley. This one-piece harness has a sewn in mounting bridle, which can be replaced as required. When not in use, the foot-bar can be rolled up and stored on the body of the harness, using two quick-fastening clips. The harness is worn as a suit and users are free to walk between zip lines, without having to remove the harness.

Harness Weight: 2kg (2.2lb)
Recommended attachment Karabiners, 2 x Steel HMS (KH212TL)



Large ZipSpeed Trolley & Superman Harness. Photo courtesy of Hangloose Adventure, (UK)

NEW - COMING SOON

ZipSpeed™

NEW Front Protection Bumper

A new Front Bumper is now available for the RP075/6 ZipSpeed Trolleys. The new bumper is designed to offer enhanced protection to the side plates of the Trolley, upon impact with the end of line braking system. The bumpers are available separately and can be retro-fitted*.



ZipSpeed™

NEW Zip-stop Catch

The latest design of front bumper is also available with a Zip-stop Hook. On impact with the braking system, this hook is retained by a wire hoop on the braking system, captivating the Trolley. This prevents the Trolley from rolling away and allows the operator to tow the zip Trolley to a suitable position for dismount.

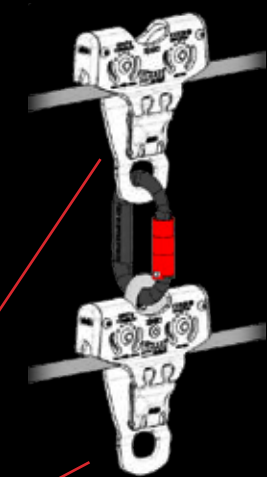


Zippey™

NEW 'Hanger' option for Dual Lines

The Zippey is now available with an optional, factory fitted hanger, allowing two Zippey Trolleys to be connected together, for use on dual-lines. Ideal for use where extra cable contingency is needed.

Oval Karabiner sold separately.



RP074 Standard Zippey

RP074T 'Hanger' Zippey

* When ordering replacement/retro fit components, please supply serial numbers for your stock products, as this will allow us to check that these parts are compatible with the models that you have.

SmartSnap™ Continuous Attachment Device



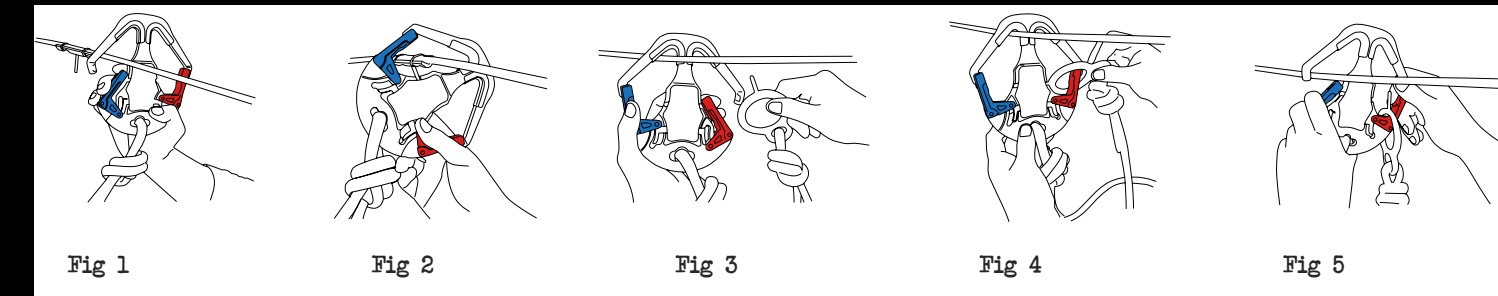
SmartSnap™ is a self-belay system which allows the user to traverse all of the individual elements of a course without ever being able to detach from the line.

The SmartSnap system is less expensive and virtually maintenance free, compared to twin-lanyard self-belay systems.



How it works

The SmartSnap™ has two locking gates which are controlled by a mechanism which only allows one gate to open at any one time. Each course user wears a SmartSnap™ Device, attached to their harness by a short lanyard. At the beginning of the course, the Supervisor attaches the Blue gate of the SmartSnap™ to the wire (Figure 1) and locks the gate, using the wire-mounted key (Figure 2). The user then travels to the next change-over point, where they clip the Red gate on to the Ring Key lanyard (Figure 3). The user then inserts the spike of the Ring Key in to a hole (Figure 4). This action simultaneously locks the Red gate AND unlocks the Blue gate, releasing the user from the previous element, leaving them safely attached to the next element (Figure 5).



ALF™ Climb Assist System

How it works

The ALF™ Climb Assist Pulley uses a uniquely designed locking system, which combines a speed sensitive inertia locking brake system, with a grooved pulley wheel. At low speed (during normal use), the rope runs freely through the pulley. In the event of a fall, the rope speed increases causing the brake to lock to promptly arrest the fall. Fall distances are extremely short, so in most cases the fallen user can regain their grip on the structure and resume the climb, without the need for assistance/instruction.

The ALF™ Pulley is a two-way locking device which can be rigged in a continuous loop system with Alpine Butterfly attachment loops at opposing ends of the system. This means that at the end of each climb/descent, there is always an attachment loop present, allowing the next user to immediately commence their climb/descent.



Applications

The ALF™ Climb Assist Pulley was developed for users in the Challenge Course Industry, who needed a simple mechanical method of protecting multiple climbers en route around a ropes course. The ALF™ provides a simple, cost effective solution, which utilises industry standard (EN1891) low stretch 11mm (7/16") rope. The continuous loop system can be quickly and easily rigged, by a competent person.

We recommend the use of the ISC RP066B1 Large Single Prussik (with Bearings), to help to maintain the optimum level of friction in this system. Pulleys sold separately.