



AUTHORIZED DISTRIBUTOR OF

**head rush**  
technologies



Head Rush Technologies applies innovative technologies to bring new adventure recreation equipment to the climbing, zip line, adventure and amusement industries.

Head Rush products make activities even more fun, while increasing throughput and profitability and reducing risk.

We are a proud distributor of Head Rush Technologies devices. More information about and resources for each product can be found on our website, or by visiting [headrushtech.com](http://headrushtech.com).

Visit our website, or [headrushtech.com](http://headrushtech.com), for more information about individual products and for product-specific resources such as videos, case studies, customer testimonials, operator manuals, and more.

*Head Rush Technologies employs a patented eddy current magnetic braking technology that allows the devices to accommodate a wide range of user weights, operate smoothly and require minimal maintenance. To learn more about eddy current magnetic braking, visit [headrushtech.com/technology](http://headrushtech.com/technology).*



# TRUBLUE Auto Belay



The **TRUBLUE Auto Belay** is the only auto belay designed specifically for climbers, and it can also function in many other capacities in ropes courses, zip line tours, camps, training centers, and more. With the **TRUBLUE** it's possible to descend from platforms, teach your clients to rappel, and much more.

Using a **TRUBLUE Auto Belay** in your climbing facility increases participation while driving down costs and mitigating risk. Auto belays benefit all

levels of climbers, from the novice getting a feel for the movement to the elite climber focusing on conditioning and training.

The **TRUBLUE** uses a self-regulating magnetic braking system and is engineered to meet the strictest safety standards. Modular and compact, they are easy to install, move and maintain. Plus, it accommodates the widest range of user weights of all auto belay systems, which makes it ideal for use by both children and adults.

**TRUBLUE: HEIGHTS UP TO 12.5 METERS (41 FEET)**

**TRUBLUE XL: HEIGHTS UP TO 20 METERS (65 FEET)**



## IDEAL FOR

- Climbing Gyms
- Training Centers
- Schools & Universities
- Recreation Centers
- Aerial Adventure Parks
- Camps
- Fitness Facilities
- Challenge Courses
- Amusement Parks
- Entertainment Centers
- Resorts
- Tree Climbing



## FEATURES/BENEFITS

- High reliability with no sacrificial wear parts
- Smooth descent with minimal variation in descent rate of an adult or child
- Simple to install and easy to move
- Accommodates a wide range of participant weights from 10 – 150 kg (22 – 330 lbs)
- Minimal maintenance requirements and costs
- Webbing-based system will not damage walls, feels natural when climbing, and is field replaceable
- Reduced webbing wear with unique delivery nozzle
- Extensive safety testing
- No clutch bearing, eliminating a key point of potential failure present in other auto belay designs
- Optional belay gate accessory mitigates risk of user error on climbing walls

## TESTIMONIALS

*"We have found that they allow us to capture a new revenue stream in regards to people who just walk in and do not have a reservation or any climbing knowledge."*

**Blaine Eastcott, President**

*Rockreation Sport Climbing and Fitness Centers*

*"Because it's so easy, because you can clip and go, the TRUBLUE allows for the maximum number of routes that you can climb. Kids love the auto belays; they come in, clip in, and they're climbing all over the place. We've had adults at a high climbing level using them. The popularity so far is huge, everyone loves them."*

**Will Russ, Owner**

*Santa Barbara Rock Gym*

*"There's virtually no maintenance. They are definitely worth the investment. Putting in the four TRUBLUES was the best thing that we could have ever done."*

**Mike Fitzgerald, Owner**

*Mid Air Adventures*



# zipSTOP Zip Line Brake

The **zipSTOP** is by far the best brake for your zip line. It uses a self-regulating magnetic braking system to brake zip line participants of all allowable weights smoothly, comfortably, and consistently, even at high velocities. The result is a better customer experience and higher throughput and profitability for your zip line or canopy tour.



## FEATURES/BENEFITS

- Eddy current magnetic braking technology for smooth and consistent braking
- Wide range of rider weights and speeds, providing a better ROI through a greater range of potential participants
- Controlled braking distance
- Operates in all weather conditions, eliminating downtime
- Low operational and maintenance costs

## WHICH ZIPSTOP SHOULD

### I USE?

- The zipSTOP IR is ideal for the most common zip lines – those contacting the brake trolley at speeds between 24-60 km/h (15-37 mph)
- For less than 24 km/h (15 mph) the standard zipSTOP is perfect

## ZIPSTOP IR

The **zipSTOP IR** is a more streamlined version of Head Rush's popular zip line brake. The "IR" stands for internal reduction, meaning that the device does not require an external reduction line system. It can accommodate speeds to 60 km/h (37 mph) without the need for a reduction line system, making installation easier.





## TESTIMONIALS

*"With the zipSTOPS installed, our guides do half the work they used to do, which saves us and our customers valuable time. Our throughput nearly doubled after the installation."*

**Traci Walker**

Canyons Zip Line and Canopy Tours

*"In 2012 we installed two zipSTOPS on our dual race lines. They have been perfect from "go". We have saved thousands of dollars... the zipSTOP does all of the work for both lines and we only need one guide on the platform. We love our zipSTOPS and couldn't be happier with the product and reliability of Head Rush Technologies."*

**Ty Seufer, Owner**

Royal Gorge Rafting and Zip Line Tours

# zipSTOP ACCESSORIES



## IMPACT TROLLEY

The Impact Trolley is the only trolley on the market designed for impact braking. Engineered specifically for the zipSTOP Zip Line Braking system, the Impact Trolley provides smoother braking, enhanced rider experience, reduced cable wear, and decreased rider risk.

### FEATURES

- Rated for high speeds, up to 112 km/h (70 mph)
- Simple, single-step mounting process maximizes throughput
- Anodized aluminum design is strong, corrosion-resistant, and able to endure harsh environments
- Lightweight design is perfect for zip line riders of all ages
- User serviceable sheaves
- Multiple clip-in points and redundancy for safety
- Can be configured for single or dual cable zip line installations; both configurations are compatible with all accessories
- Optional T-Handle keeps riders oriented forward and comfortable during the braking stage
- Optional Catch and Hook Accessories allow for easy rider recovery operations if a rider stops short of the platform

### SPECIFICATIONS

- Dimensions: 180 mm long x 115 mm high x 33 mm wide (7 inches long x 4.5 inches high x 1.3 inches wide)
- Weight: 550 grams (19.4 ounces)
- Minimum Rated Strength: 20 kN (4,496 lbf)
- Fits 3/8" – 3/4" diameter cable
- Rated to 112.65 km/h (70 mph)
- CE certified for Personal Protective Equipment - Directive 89/686/EEC + Amendments from EN 795, EN 12275, EN 12278, EN 362, and EN/prEN15567-1



## GORILLA ROPE

Our Gorilla Rope is designed specifically to provide high strength, a long lifespan, and minimal stretch for applications where a small diameter rope is necessary. Gorilla Rope is perfect for use as a reduction line with the zipSTOP Zip Line Braking System, but it can also be used for many other industrial or recreational applications.

### FEATURES

- High strength-to-weight ratio due to specially engineered core
- Sheathing is highly resistant to abrasion from friction
- Stretch resistance ensures minimal elongation during use
- Maximum flexibility allows Gorilla Rope to remain strong when used with varying sizes of pulleys and blocks
- Specialized outer coating decreases the likelihood of knots untying during use
- Water-resistant core and outer sheathing
- Fade-resistant materials withstand sun and weathering

### SPECIFICATIONS

- Diameter: 6mm
- Minimum Average Breaking Strength: 14.9 kN (3,350 lbf)
- Weight: 2.4 kg/ 100 meters (1.5 lbs per 100 ft)





## zipSTOP PIVOT MOUNT

The zipSTOP Pivot Mount expands the mounting possibilities of your zipSTOP or zipSTOP IR Zip Line Brake, allowing the use of a gantry. The Pivot Mount leads to smoother braking, reduced webbing wear, improved retraction, and simplified installation.

### FEATURES

- Simplifies installation and retraction
- Allows for wider range of zipSTOP mounting options
- Smoother braking
- Made with corrosion resistant materials
- Capable of enduring harsh environments
- Lightweight design
- High-quality hardware with slip-resistant castle nut and cotter pin design

### SPECIFICATIONS

- Dimensions: 206.5 mm long x 198 mm tall x 86 mm wide (8.13 inches long x 7.8 inches tall x 3.39 inches wide)
- Minimum Rated Strength: 22 kN (4,946 lbf)
- Weight: 2.77 kg (6.1 lbs)



## REDIRECTION PULLEY

The Redirection Pulley is the first pulley of its kind: lightweight, corrosion-resistant and specially engineered to avoid snagging. This pulley was designed for use in the redirection or reduction line setup for your zipSTOP and fits the Gorilla Rope perfectly, but can also be used anytime you're working with a 7mm or smaller rope.

### FEATURES

- Embedded side plates allow a perfect fit of the sheave
- Sheave partially embedded in the side plates makes rope snagging virtually impossible
- Smooth, finished aluminum reduces corrosion and rope wear
- Filleted design eliminates sharp edges, keeping the rope intact, reducing wear, and eliminating hazardous surfaces
- Specially designed for use with Gorilla Rope and the zipSTOP line of products
- Anodized aluminum side plates increase strength while being corrosion-resistant
- Accommodates most carabiners

### SPECIFICATIONS

- Dimensions: 51 mm long x 86 mm high x 21 mm wide (2 inches long x 3.4 inches high x 0.8 inches wide)
- Minimum Rated Strength: 18 kN (4,046 lbf)
- Weight: 139 grams (4.9 ounces)
- CE Certified to EN 12278 Pulley Standards



# QUICKjump Free Fall Device

**QUICKjump** provides an exciting free fall element with high throughput and low operational costs. It gives the rider a true free fall sensation before comfortably controlling their descent.

It's modular and compact, allowing it to be installed in almost any high location. Because of the ease of installation, you can keep your attraction fresh by moving or modifying it as needed, creating endless possibilities for including a free fall attraction in your facility.

**QUICKJUMP MAXIMUM  
HEIGHT: 12.5 M (41 FT)**

**QUICKJUMP XL MAXIMUM  
HEIGHT: 20 M (65.5 FT)**



## FEATURES/BENEFITS

- The self-regulating braking system has minimal variation in the descent rate of a child (at 16 kg / 35 lbs min) and an adult (at 130 kg / 285 lbs max)
- Compact, modular unit is designed to be hung from a top anchor and can be moved easily to various locations
- Retracts quickly and smoothly, allowing for more throughput than other free fall devices and providing a high ROI relative to the competition
- Non-contacting magnetic technology with a reliable self-regulating system and no sacrificial wear parts
- Easy to maintain, requiring only regular inspection and an affordable annual recertification

## IDEAL FOR

- Amusement Parks
- Family Entertainment Centers
- Adventure Parks
- Shopping Centers
- Resorts
- Ropes Courses
- ... and more

## QUICKJUMP RIPCORD

Extend the free fall feeling of the QUICKjump with the RipCord accessory. Integrated with the webbing assembly, this optional accessory extends the free fall of your device.

Available in a 1.5m (5 ft) length for the QUICKjump and both 1.5m (5 ft) and 3m (9.8 ft) lengths for the QUICKjump XL.



## TESTIMONIALS

*"One of the most exciting things we have at the park is our QUICKjump, the adrenaline junkies gravitate right to it. We opted to take the extra step and do the RipCord just because it certainly raises the true sensation of free fall. In your mind you're saying, 'yup, everything's good, I'm feeling good,' and then you step off and it's kind of like (GASP!) for just that moment. That's what we're all after."*

**Scott Kauf**

Utah Olympic Park

*"Having used the QUICKjump for the past year I am a firm believer in not only the product, but the engineering and support as well. Almost no down-time on the unit with high throughput. The majority of guests rave as a terrific end of tour experience!"*

**Bruce Brown, Course Manager**

Royal Gorge Zipline Tours



# FlightLine Commercial Free Fall Ride

You step up to the platform, peek over the edge, and your heart starts to race. Your palms are sweating, your legs are heavy. You take a deep breath, step off and take flight... You scream, you gasp, you're still falling... Then suddenly your feet are on the ground, and all you want is another chance to fly.

Welcome to **FlightLine**, a revolutionary commercial free fall device capable of high throughput descents that offers unmatched thrills for visitors who want to push their limits.

## **MIN/MAX HEIGHTS VARY PER RIPCORD OPTION**

**MIN: 18.5 M (60 FT) – 22 M (72 FT)**  
**MAX: 23 M (75 FT) – 26.5 M (87 FT)**

### **FEATURES/BENEFITS**

- Extended free fall sensation provides a thrilling, marquee attraction for operators of all types
- Fully redundant system designed in compliance with EN341, ASTM F24 Amusement Ride Standards (TUV certification pending)

- A game-changing experience with higher throughput compared with competing free fall type systems (bungee, etc.)
- Low maintenance and upkeep
- A gentle, smooth universal braking system for rider weights from 34 kg to 129kg (75 lbs to 285 lbs)
- Uses Head Rush's proprietary eddy current magnetic braking technology as well as their patent-pending safety arrest and webbing systems
- Can be operated and mounted in a location beneath the launch platform for unique and exhilarating free fall experiences

### **IDEAL FOR**

- Amusement Parks
- Adventure Parks
- Ropes Courses
- Extreme Zip Line Tours
- Sky Diving Facilities
- Training for free fall and jumping scenarios
- Anyone who wants to offer a high-thrill experience for their visitors





# Arboreal Climbing System

The **Arboreal Climbing System** is the perfect way to quickly and cost-effectively design and build a combination tree climbing / aerial adventure course. Whether your climbers are beginners, intermediate, or advanced, the modular design of the system allows you to keep the adventure alive by changing the location, placement,

routes, or handhold difficulty, which will keep climbers coming back for more.

By combining the **Arboreal Climbing System** with other products from Head Rush Technologies, it's easy to create a multi-faceted and fun adventure — all you need is a tree.





### FEATURES/BENEFITS

- Sold in pre-packaged kits with all the modular components you need
- Designed to withstand harsh outdoor environments
- Can work as part of a new or existing attraction, or even as a standalone adventure in a backyard
- Sturdy enough to support climbers and their gear, while also being gentle on trees
- Choose from a wide variety of handholds in varying types and colors to create your ideal custom climbing route



### IDEAL FOR

- Camps
- Ropes Courses
- Adventure Parks
- Resorts
- Anyone looking for a new, fun way to get to an existing attraction or platform

### MODULAR ADD-ONS

Create a complete adventure by mixing and matching your Arboreal Climbing System with other Head Rush Tech products – the versatility of the system is its greatest strength. It matches perfectly with:

- Adventure Ledge for a top platform/destination
- TRUBLUE Auto Belay for fall protection
- QUICKjump Free Fall Device for a thrilling free fall ride as an end goal







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2011 Brass Ring Award



reddot design award

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