



**head rush**  
technologies



# Head Rush. The name says it all.

We apply 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.

The technology inside many of our devices is eddy current magnetic braking. This technology allows our devices to accommodate a wide range of weights, operate smoothly and require minimal maintenance. To learn more about eddy current magnetic braking, go to [headrushtech.com/technology](http://headrushtech.com/technology).

Head Rush Technologies products are available through our online store at <https://store.headrushtech.com> or from our Authorized Distributors. A list of international distributors is available at [headrushtech.com/distributors](https://headrushtech.com/distributors).

Visit our product websites for more information about individual products and for product-specific resources, such as videos, case studies, customer testimonials, operator manuals and more.



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Using a **TRUBLUE** auto belay in your climbing wall facility increases participation while driving down costs and 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 of all auto belays. The only auto belay specifically designed for climbing, there are thousands of **TRUBLUEs** in use globally.

Modular and compact, **TRUBLUE** auto belays are easy to install, move and maintain. Plus, **TRUBLUE** accommodates the widest range of climber weights of all auto belay systems. This makes it ideal for climbing walls used by both children and adults.

### ADVANCED TECHNOLOGY

- Reliability with no sacrificial wear parts
- Smooth descent with minimal variation in descent rate of a child or an adult

### SAFETY

- Extensive safety testing
- No clutch bearing, eliminating a key point of potential failure present in other auto belay designs

### FLEXIBILITY

- Simple to install and easy to move to accommodate group programming
- Accommodates a wide range of climber weights from 22 – 330 lbs (10 to 150 kg)
- Minimal maintenance requirements and costs
- Webbing-based system will not damage walls and feels natural when climbing
- Reduced webbing wear with unique delivery nozzle and field-replaceable webbing kit

**Available in lengths up to 65 feet (20 meters).**



## IDEAL FOR:

Universities/Colleges  
Climbing Gyms  
Amusement Parks  
Entertainment Centers  
Camps

Recreation Centers  
Fitness Facilities  
Schools  
Resorts  
Challenge Courses

## 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."

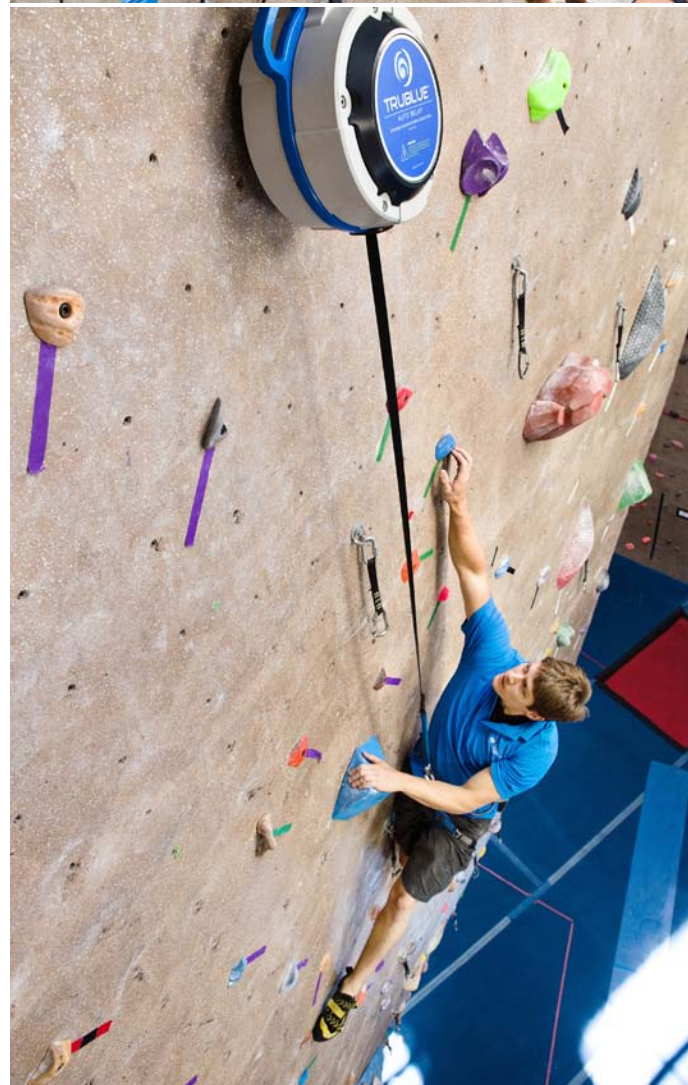
**Will Russ, Owner**

*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*





The best brake for your zip line. The **zipSTOP** uses a self-regulating magnetic braking system to brake zip line participants smoothly and comfortably.

The **zipSTOP** brakes participants consistently, even at high velocities. The result is a better customer experience and higher throughput and profitability for your zip line or canopy tour.

#### **KEY BENEFITS OF THE ZIPSTOP BRAKE INCLUDE:**

- Eddy current magnetic braking technology for smooth and consistent braking creating a better rider experience
- Wide range of rider weights and speeds providing operators with 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

#### **ZIPSTOP IR**

The zipSTOP IR is more streamlined version of our popular zip line brake. The “IR” stands for internal reduction, meaning that the device does not require an external reduction line system. This device can accommodate speeds to 37 mph (60 kph) without the need for a reduction line system, making installation easier.

#### **CHECK OUT THE ZIPSTOP IN ACTION!**

Learn how a major resort in Canada increased throughput and improved rider experience with the zipSTOP.

Visit [www.thezipshop.com/case-study/](http://www.thezipshop.com/case-study/)



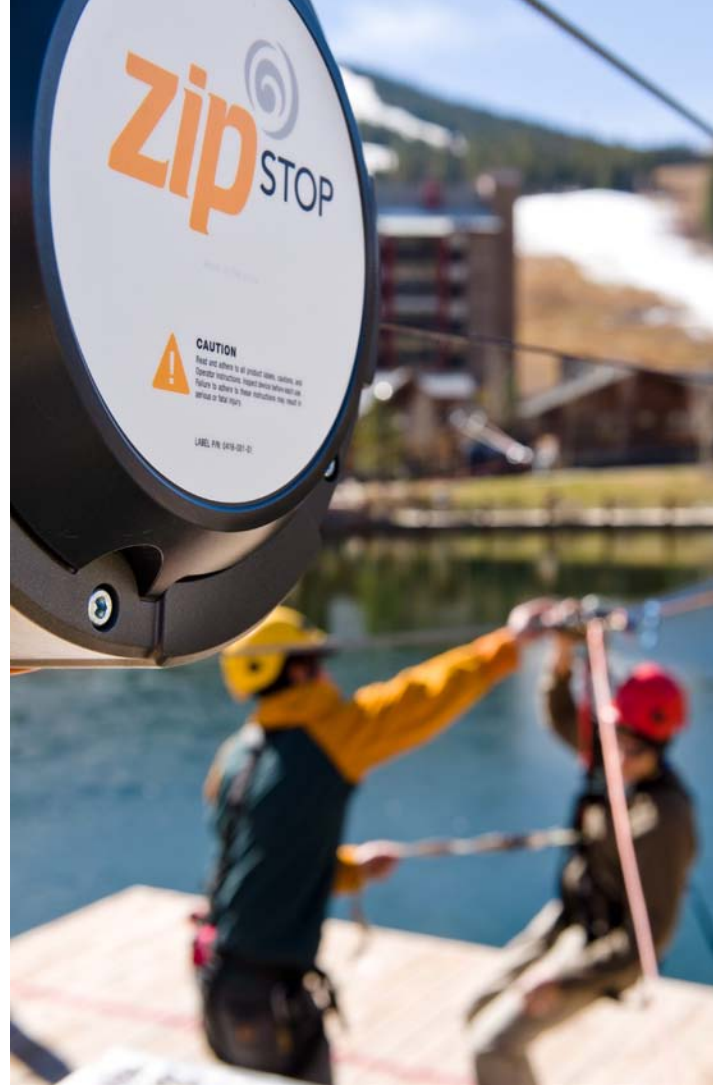
## TESTIMONIALS

"The zipSTOP is a cool braking system.  
People can come down hands free.  
Maintenance is really easy."

**John Kahn, Zip Line Manager**  
*Durango Mountain Resort*

"Felt like a thrill ride coming down the  
line. Not really jarring... it was pretty  
smooth."

**Ellen Ferrone**  
*Zip Line Rider*







# QUICK jump

FREE FALL DEVICE

[www.freefalldevice.com](http://www.freefalldevice.com)



The **quickJump** Free Fall Device provides an exciting element with high throughput and low operational costs to operators of amusement parks, family entertainment centers, adventure parks, shopping centers, resorts, ropes courses and more.

The **quickJump** gives the rider the feeling of a free fall, while comfortably controlling their descent.

The **quickJump** is modular and compact, allowing it to be installed in almost any high location. There are endless possibilities for including a **quickJump** Free Fall attraction in your facility. Because of the ease of installation, you can keep your attraction fresh by moving the **quickJump** or modifying the attraction as needed.

- **Consistently fun descent:** The self-regulating braking system has minimal variation in the descent rate of a child (at 35 lb/16 kg min.) and an adult (at 285 lb/130 kg max).
- **Simple to install and easy to relocate:** Compact modular unit designed to be hung from a top anchor. The quickJump can be moved easily to various locations. The only limitation is your imagination.
- **High throughput at a low cost:** The quickJump is a great revenue-generating attraction. The quickJump retracts quickly and smoothly, allowing for more throughput than other free fall devices. It is also much more affordable to own, operate and maintain, providing a high ROI relative to the competition.
- **Reliability with no sacrificial wear parts:** Non-contacting magnetic technology with a reliable self-regulating backup system.
- **Easy to maintain:** Other than regular self-inspection, the quickJump only requires an affordable annual recertification. Webbing is durable and field replaceable. Other devices require cycle counts, spring replacement and costly maintenance.

**Available in lengths up to 65 feet (20 meters).**





## QUICKJUMP RIPCORD

Extend the free fall feeling of the **quickJump** with the RipCord accessory. Integrated with the webbing assembly, this optional accessory amplifies the free fall of your device. Available in a 1.5 m length for the **quickJump** and both 1.5 m and 3 m lengths for the **quickJump XL**. See product specifications on page 11 for more details.



## TESTIMONIALS

*Here's what quickJump riders had to say...*

"It's a lot of fun. Big adrenaline rush. I loved it!"

"It was amazing."

"On a scale of 1 to 10, I would have to say a 10."

"It felt really safe and comfortable."

"Being a guide out here, just the looks in the customers' faces said it all."

"I would definitely, definitely do this again."

# Product Specifications



[www.autobelay.com](http://www.autobelay.com)



## TRUBLUE AUTO BELAY:

**Model Number:** TN150-12C

**Max Mounted Height:** 12.5 m (41 ft)

**Min Mounted Height:** NA

**Rated Working Capacity:** 15 to 150 kg (33 to 330 lb)

**Throughput at max mounted height:** NA

**Warranty:** 2 year

**Device Weight:** 19.3 kg (42.5 lb)



## TRUBLUE AUTO BELAY XL:

**Model Number:** TBXL150-20A

**Max Mounted Height:** 20 m (65.5 ft)

**Min Mounted Height:** NA

**Rated Working Capacity:** 15 to 150 kg (33 to 330 lb)

**Throughput at max mounted height:** NA

**Warranty:** 2 year

**Device Weight:** 20.8 kg (42.5 lb)



[www.thezipshop.com](http://www.thezipshop.com)



## ZIPSTOP ZIP LINE BRAKE:

**Model Number:** ZS125-08

**Rated Working Capacity:** 15-150 kg (33 to 330 lb)

**Rated Working Velocity:** 6 to 36 kph (4 to 22 mph) using a direct 1:1 load  
10 to 60 kph (6 to 37 mph) using a 2:1 reduction line\*

\* Higher rated working velocities require that the zipSTOP be used in conjunction with a reduction line assembly. The specifications noted are valid only when installed as part of that system.

**Warranty:** 1 year

**Device Weight:** 23.5 kg (52 lb)



## ZIPSTOP IR ZIP LINE BRAKE:

**Model Number:** ZSIR150-20A

**Rated Working Capacity:** 15-150 kg (33 to 330 lb)

**Rated Working Velocity:** 6-60 kph (4-37 mph) Using a direct 1:1 load only.

This device cannot be used with external reduction lines in any configuration.

**Warranty:** 1 year

**Device Weight:** 23.5 kg (52 lb)



[www.freefalldevice.com](http://www.freefalldevice.com)



#### **QUICKJUMP FREE FALL DEVICE:**

**Model Number:** QJ150-12A

**Max Mounted Height:** 12.5 m = 41 ft

**Min Mounted Height:** 8 m (26 ft)

**Rated Working Capacity:** 20-130 kg  
(44 to 285 lb)

**Throughput at max mounted height:**  
1 descent per 40 seconds

**Warranty:** 2 year

**Device Weight:** 19.3 kg (42.5 lb)



#### **QUICKJUMP FREE FALL DEVICE WITH 1.5M RIPCORD:**

**Model Number:** QJ150-12A

**Max Mounted Height:** 14 m = 46 ft

**Min Mounted Height:** 9.5 m (31.1 ft)

**Rated Working Capacity:** 20-130 kg  
(44 to 285 lb)

**Throughput at max mounted height:**  
1 descent per 45 seconds (assisted retraction due to accessory weight)

**Warranty:** 2 year

**Device Weight:** 19.7 kg (43.5 lb)



#### **QUICKJUMP XL FREE FALL DEVICE:**

**Model Number:** QJXL150-20A

**Max Mounted Height:** 20 m = 65.5 ft

**Min Mounted Height:** 10 m (33 ft)

**Rated Working Capacity:** 20-130 kg  
(44 to 285 lb)

**Throughput at max mounted height:**  
1 descent per 60 seconds

**Warranty:** 2 year

**Device Weight:** 20.8 kg (46 lb)



#### **QUICKJUMP XL FREE FALL DEVICE WITH 1.5M RIP CORD**

**Model Number:** TBXL150-20A

**Max Mounted Height:** 21.8 m = 71 ft

**Min Mounted Height:** 12.5 m (40.5 ft)

**Rated Working Capacity:** 20-130 kg  
(44 to 285 lb)

**Throughput at max mounted height:**  
1 descent per 75 seconds (assisted retraction due to accessory weight)

**Warranty:** 2 year

**Device Weight:** 21.3 kg (47 lb)



#### **QUICKJUMP XL FREE FALL DEVICE WITH 3.0M RIP CORD**

**Model Number:** TBXL150-20A

**Max Mounted Height:** 23 m = 75 ft

**Min Mounted Height:** 14.2m (46.6 ft)

**Rated Working Capacity:** 20-130 kg  
(44 to 285 lb)

**Throughput at max mounted height:**  
1 descent per 90 seconds (assisted retraction due to accessory weight)

**Warranty:** 2 year

**Device Weight:** 21.3 kg (47 lb)