Everyone dreams of flying

Zipflyer helps you turn dreams into reality

The industry leader in safety and innovation

Fly like a superhero*

*Phone booth sold separately

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ABOUT ZIPFLYER

We evolve outdoor adventure through our passion for safety and innovation. Founded in 2006 and located in New York, NY, ZipFlyer is the industry leader of commercial zip lines and zip coasters. We build anchor attractions that let people fly.

CONTACT ZIPFLYER

Get in touch with us by calling 212-971-9780 or by emailing us at info@zipflyer.com to learn more about what we can do for you.

The Science of Safety

With more than 10 years of engineering and constructing zip lines boasting over 1.5 million riders, our safety record is flawless.

Our rides protect you and your customers by delivering speed-governing trolleys, redundant terminal braking systems, and control systems that only release riders when the braking systems are fully reset. High wind and lightning sensors protect your ride and riders from nature’s hostility. Every ZipFlyer installation exceeds industry standards.

The Frontier of Innovation

At ZipFlyer we design cutting-edge technology to ensure every ride is the safest, most efficient, profitable, and most exhilarating available. ZFTrack, Gear Retrieval, Collision Avoidance, and our Uplift System highlight just some of our technological prowess. Our innovative technology is highly tested and protected by eight USA and European patents. All of our rides are designed to TUV SUD, ASTM F24, and ANSI B77 Standards.
The ZipRunner System is perfect for zip line tours and long, steep, amusement park-style thrill rides. The automated and manual options feature our patented ZipRunner Trolleys.

The ZipRunner trolley uses clean and reliable eddy current magnetic braking technology. The braking is self-regulating, which comfortably accommodates a wide range of rider weights and occurs without any wearable contacting parts.

The Gear Retrieval System (optional), braking systems, and harness options (including our ZipFlyer “superhero” prone style harness), are all part of our modular ZipRunner system. This modularity provides a variety of zip line and budgetary options.

The number of lines can be expanded as your business grows.

**WHO IS THIS SYSTEM RIGHT FOR?**

<table>
<thead>
<tr>
<th>SKI RESORTS</th>
<th>HOTELS</th>
<th>CRUISE SHIPS</th>
<th>AMUSEMENT PARKS</th>
<th>FAMILY ENTERTAINMENT CENTERS</th>
</tr>
</thead>
</table>

**ZipRunner ROI:**

Investment paid back in 18 months with 80% operating margin.

- Average ticket cost $30.00
- 600 riders per day
- Min. of 3 workers to operate

**ZipRunner Key Points**

- High throughput
- Speed governing trolleys
- Terminal braking options
- Pinpoint landing for every rider
- Riders can fly prone or seated
- Designed to ASTM F24, ANSI B77, TUV SUD standards

Our Slotzilla zip line in Las Vegas accommodates well over 2,000 riders per day and is the busiest zip line in the world.

*PHOTO: The Zoom Line on Slotzilla Zip Line Fremont Street Las Vegas, Nevada*
ZipFlyer Zip Line

The original patented ZipFlyer System is the automated amusement-park style zip line built for long rides and steep grades. The ZipFlyer Trolley uses a friction brake, which controls the speed of the rider on the descent. The trolley and harness never leave the zip line cable, simplifying operations. The Gear Retrieval System quickly resets the gear, and our patented braking system ensures rider safety. Inspired by paragliding harnesses, the ZipFlyer Seat Harness is a custom manufactured, one-size-fits-all design that is safe, comfortable, and easy to use.

RedBull ranked our ZipFlyer zip line in Pokhara, Nepal the steepest and one of the most exhilarating rides in the world!

**Eddy Current:**

noun. an electric current induced by an alternating magnetic field.

**Technology / Trolleys**

The V2 ZipRunner Trolley and ZipCoaster Shuttle feature our new, patented, variable dynamic braking system. The eddy current braking system is designed to offer consistent speeds and minimize the effect of patron weight, weather, or changing slope conditions. This new system provides the highest levels of safety and the most consistent performance for the widest weight range of riders.

Eddy currents are forces that occur when non-ferrous metals move past magnets and through magnetic fields producing opposing forces (i.e. braking) without the contact found in traditional friction brakes. They provide a safe, smooth, reliable, and self-regulating braking experience.

Our time-tested V1 ZipRunner trolley uses calibrated magnetic braking.
**ZFTrack Braking System**

Our ZFTrack is the most robust commercial braking system on the market. It boasts triple redundant brakes and can stop a 300 lb (136 kg) rider at speeds up to 140 mph (225 kph). The system communicates with each tower only allowing riders to launch when the lines are clear and the brakes are fully reset. All riders offload at the same pinpoint location. Accommodates seated and prone riders.

**Power requirement** 220v or 480v

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**Magic Box Braking System**

A commercial grade braking system with all of the redundancy and ability of the ZFTrack System filed down into a smaller more affordable package. Accommodates seated and prone riders.

**Power requirement** 110v or 220v

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**Spring Pack Braking**

Graduated interlocked springs can stop a 300 lb (136 kg) rider at speeds up to 80 mph (128 kph). Spring length varies on incoming rider speeds but may require up to 265 ft (80 m) of runway. The ZipFlyer cone receiver adds redundancy and softens impact. Accommodates seated riders only.

**No power requirement**

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**Gear Retrieval System**

The automated retrieval system quickly and efficiently transports trolleys, harnesses, and helmets from the landing platform back to the launch platform. Use your zip line cables for transport or install a separate line to maximize throughput.

**Power requirement** 220v or 480v

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**Launch System**

Our gated starting system supports both rider and trolley, only releasing the rider once the braking system is fully reset. Launch gates also protect operators creating a safe work environment. Gates can also operate manually for off-the-grid zip lines.

**Power requirement** 110v or 220v

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**Harnesses**

Provide multiple rider experiences with our Prone (super-hero) and seated harness options. Our exclusive harnesses were influenced by the paragliding industry for comfort and safety. Tested and certified to EN1851 and 12491.

**Retrofit your zip line with our technology to increase throughput and make your ride the safest on the market.**
ZipCoaster
Outdoor Adventure Evolved

The ZipCoaster is a full loop suspended track system combining the thrill of riding a zip line and a roller coaster simultaneously.

Our ZipCoaster trolley uses eddy current magnetic braking technology to control rider speed. The ZipCoaster trolley offers seated or prone rider options, while the trolley's suspension provides a soft, smooth flying experience. The system features ZipFlyer's hallmark efficiency and safety standards, as well as automated collision avoidance (optional). Our Uplift System brings rider trolleys and riders (riders optional) back to the starting point. The ZipCoaster averages a throughput of 280 participants an hour per track with only two attendants. Multiple tracks can be used in parallel to increase throughput.

**ZipCoaster Key Points**
- Experience flight
- Speed governing trolleys
- Full track or zoned automated collision avoidance (optional)
- Uplift System transports gear and rider to launch tower
- Redundant terminal braking
- 280 riders/hr, only two operators
- Designed to ASTM F24, ANSI B77, TUV SUD standards

**ZipCoaster ROI:**
- Investment paid back in 18 months with 97% operating margin.
- Average ticket cost $25.00
- 280 riders per hour per line (with collision avoidance)
- Minimum of 2 workers to operate

**Who is this system right for?**
- Ski Resorts
- Hotels
- Water Parks
- Recreation Centers
- Adventure Parks
- Family Entertainment Centers

The Xenses ZipCoaster in Playa Del Carmen, Mexico accommodates over 1,000 riders per day on 4 rails.

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The ZipCoaster Advantage

Our ZipCoaster system is a hybrid between a zip line and traditional roller coaster experience.

**Track System:** Is a truss configuration with two stainless steel running rails, making us the only fully engineered system on the market. The system is modular, with tower supports every 50 to 120 feet and configured in a full loop, allowing riders to start and stop at the same location. It can accommodate grades between 10 and 34 percent.

**Trolley Speed Restriction:** Features our patent pending progressive Eddy Current Technology to control the rider’s speed under 39mph. Riders ranging between 60 to 300lbs will have a consistent and thrilling experience. The trolley accommodates both seated and prone-style (superhero) riding positions.

**Terminal Braking System:** Features our patent pending pass-through progressive linear Eddy Current Technology allowing the trolley to brake riders smoothly and efficiently in 1/6 the time it takes other systems on the market. This system is fully redundant and allows for braking speeds up to 37mph.

**Collision Avoidance System:** Monitors every rider trolley’s distance either on the entire track or in a zone configuration. This system increases your profits and allows riders to be safely spaced at 150 feet (45 meters) on the ride.

Contact us now for a feasibility study: info@zipflyer.com | 212.971.9780

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A ZipCoaster Project Spotlight:

We are proud to highlight this ZipCoaster project located in Lanai, Hawaii. The system is an exciting addition to the exotic Four Seasons Resort Adventure Spa. The resort features world-class adventure activities with the ZipCoaster as its anchor attraction. ZipFlyer will be a valuable addition to the adventure sector of the Four Seasons brand.

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THIS ZIPCOASTER PROJECT FEATURES:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Length</td>
<td>2,908 ft track</td>
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<tr>
<td>Max Speed</td>
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<td>Average Speed</td>
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<tr>
<td>Uplift Track Length</td>
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<td>Downhill Track Length</td>
<td>2,132 ft</td>
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<tr>
<td>Tower Count</td>
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This Project utilized the following ZipFlyer technology to obtain a max capacity of 280 riders per hour:

- Automated Uplift System
- Full Track Collision Avoidance System
- Eddy Current Speed Governing ZipCoaster Trolley
- Fully Redundant Terminal Braking System

TRACK SECTION SUMMARY

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<thead>
<tr>
<th>Track Section Type</th>
<th>Sum of Length</th>
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<tr>
<td>3D Curve</td>
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<td>Brake and Load</td>
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<td>Lift Section</td>
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