


extreme
ENGINEERING



CLOUD COASTER™

The two-time, award winning family roller coaster.

YOU ASKED, WE DELIVERED! OUR ENGINEERING TEAM WORKED HARD, LOWERING THE COSTS ON ALL OF OUR SUSPENDED COASTERS. WE BELIEVE THAT EVERYONE DESERVES A ROLLER COASTER AT THEIR PARK. CALL US TODAY FOR DETAILS. +1.916.663.1560.



EXPERIENCE THE SENSATION OF FLYING AND ROCKETING DOWN A SUSPENDED FAMILY COASTER

AWARDED BEST MAJOR ATTRACTION BY IAAPA

ABOUT THE CLOUD COASTER™

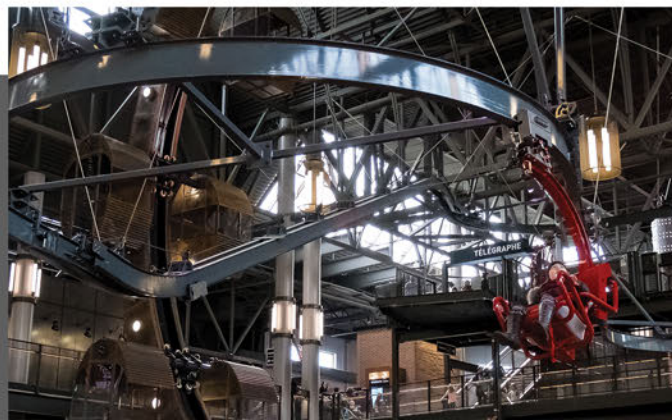
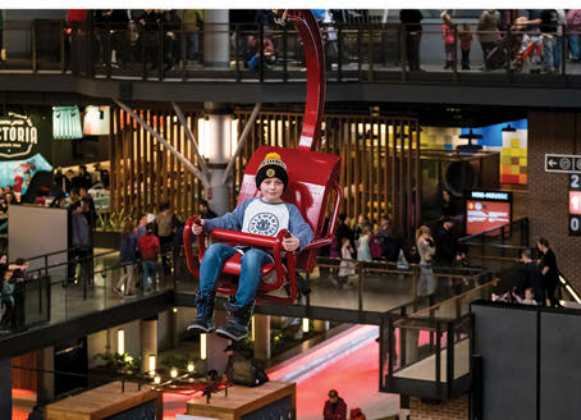
Experience the family-friendly, two-time, award winning roller coaster of a lifetime.



NEW PRICING, NEW FEATURES, BETTER EXPERIENCE!

The Cloud Coaster™ is the only two-time award winning family-friendly roller coaster on the market. Experience fast, controlled and safe speeds that give you the sensation of flying and rocketing down a roller coaster. With our new price structure, now everyone can have a major, family coaster at their park! With smooth turns, uphill racing and launching around structures this family-friendly coaster brings in the fun. This suspended coaster also allows people to ride in tandem, with our optional train configuration, making the Cloud Coaster™ a perfect family-friendly experience. The Cloud Coaster™ was ranked as a top attraction by USA Today, ranked top 15 coasters to open by Coaster IOI, and recently was awarded "Best Major Attraction" in by IAAPA.

The Cloud Coaster™ provides endless possibilities, offering any desired length, custom theme or track layout. This coaster can be designed to fit around existing structures, be designed to fit seamlessly indoors or outdoors, and can be designed to fit within existing attractions at your facility.



[Click Here To Watch Video](#)
(Must Have Internet Connection)

OUR FEATURES ARE FOCUSED ON YOU

THE ANATOMY OF THE CLOUD COASTER™

Pictured:
Mega Parc in Quebec, Canada. First roller coaster to go through a Ferris Wheel in North America.



1. Loading Platform

The Cloud Coaster™ uses a loading platform, where riders start and finish, controlling the que lines. The loading platform is an optional part of the lift system, where all the operating controls reside, allowing a single operator to control the Cloud Coaster™. Low power requirements make this a breeze on electrical set up. The coaster is ecofriendly, operating on just as little as 15 AMPS (a hair dryer). An optional battery backup is installed on the lift motor for use during a power outage, allowing up to 10 cycles before powering down.



3. Eddy Current Braking

The Cloud Coaster™ features high-load capacity magnetic brakes, our patent pending "M.B.S.™" braking technology, on the trolleys to slow down riders safely. No power, no friction or brake pads are required to operate the brakes. The M.B.S.™ works all the time in any weather condition or environment.



2. Even Go Up Hill

The Cloud Coaster™ uses conveyor lift systems and to control speeds, create up-hill racing and manage cycle times. The lift systems are also designed to help control the distance between each rider, ultimately allowing several trolleys on the track at one time. The conveyor system has a built in safety locking mechanism to provide redundancy in the lift.



4. Cloud Coaster™ Carts

The Cloud Coaster™ cart fits almost any rider 40in min height to 250lbs max weight (101.6 cm height to 113 kg max weight). The carts are designed to secure riders quickly, easy and safe. These carts increase cycle times! A wide variety of cart attachments are also available. Ride together in a tandem seat, fly like a super hero or ride facing each other. Each choice will provide you a unique suspended coaster experience. Custom carts are also available.





THE ANATOMY OF THE ROLLER COASTER CART

M.B.S.™ TECHNOLOGY

The M.B.S.™, on the Cloud Coaster's™ trolley, is an integral part of our passive magnetic braking device. This patent pending design uses magnetic braking, requiring no power, with a lifespan of 300 years! Our rare earth magnets are one-of-a-kind, and the first in the industry, to use Eddy Current principals applied to a coaster cart's trolley. The M.B.S.™ is also ecofriendly, saving on expensive power requirements needed for other type of braking methods. The M.B.S.™ can be adjusted to apply strong or as little braking force as necessary.

STEEL CART BAR

The ASTM rated steel bar is used to mount the coaster's seat and restraint system. This steel cart bar has precision drilled holes providing aerospace aesthetics and weight reduction. Multiple colors options available.

ERGONOMIC SEAT DESIGN

The coaster seat is custom sculpted, to fit most body types, providing the maximum comfort during use. Seat is made from high-density, closed cell foam, with an extruded fiberglass backing. The coaster seat is extremely easy to sanitize and wipe down. Multiple color options are available.

HANDLEBARS

The ADA cart's handlebars allow the rider to comfortably hold onto the sides of the seat. Handlebars provide the sensation of security, especially for those who don't want to hold their hands out during the Cloud Coaster's™ experience. The handlebars are also designed to provide operators an easy way to control the carts during the end and start of the attraction.

PRECISION WHEELS

Extreme Engineering's machined coaster wheels utilize our proprietary technology, Bravo Bearings™, making each wheelset extremely fast, durable and ridged to last plenty of cycles. The "BB" technology is designed to freely move carts at rated loads with complete ease. Our wheels also use a urethane polymer designed to provide an extremely smooth coaster experience. No aftermarket wheels come close to these precision beauties!

SWIVEL WITH SWAY CONTROL

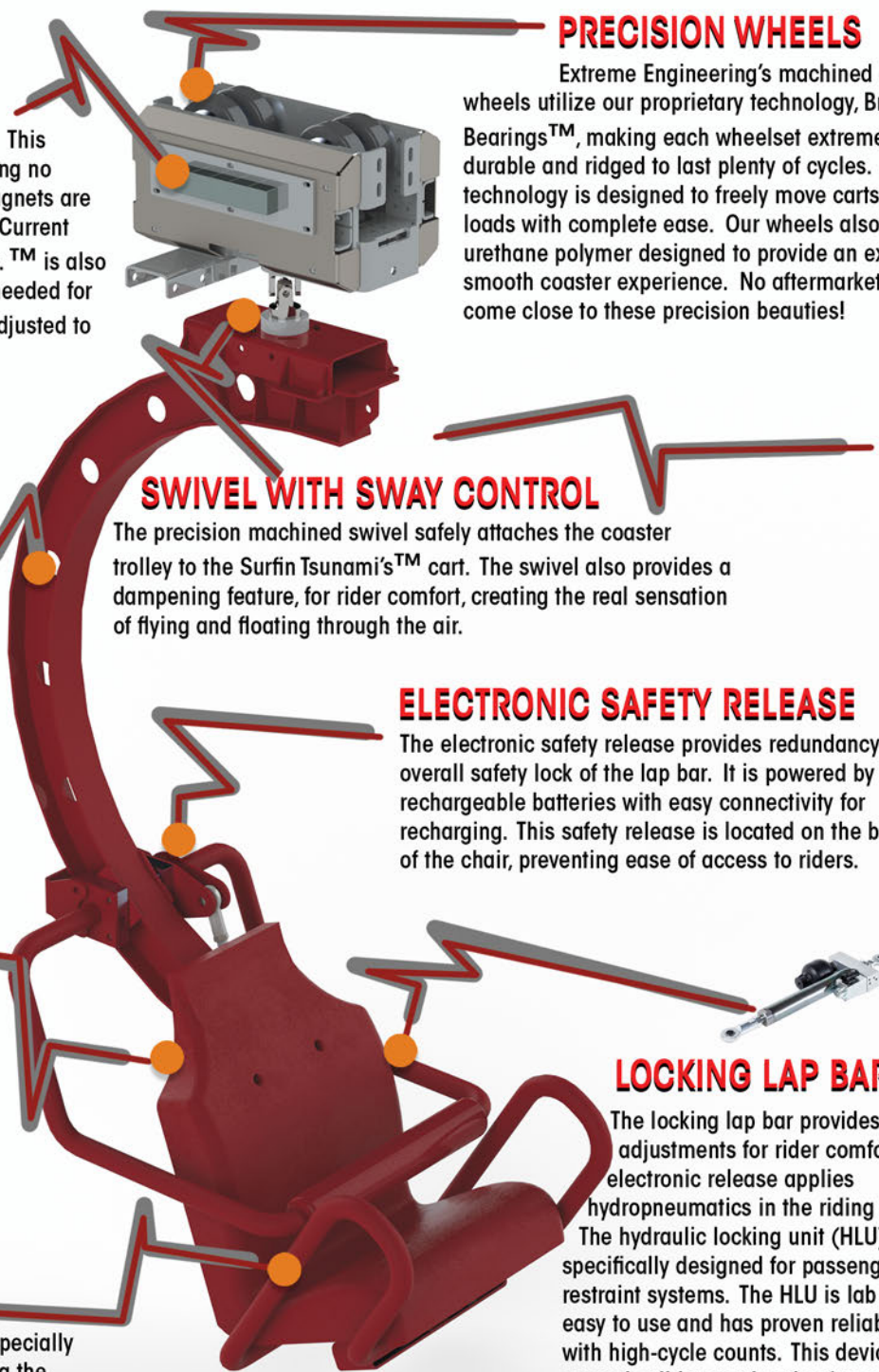
The precision machined swivel safely attaches the coaster trolley to the Surfin Tsunami's™ cart. The swivel also provides a dampening feature, for rider comfort, creating the real sensation of flying and floating through the air.

ELECTRONIC SAFETY RELEASE

The electronic safety release provides redundancy in the overall safety lock of the lap bar. It is powered by lithium, rechargeable batteries with easy connectivity for recharging. This safety release is located on the backside of the chair, preventing ease of access to riders.

LOCKING LAP BAR

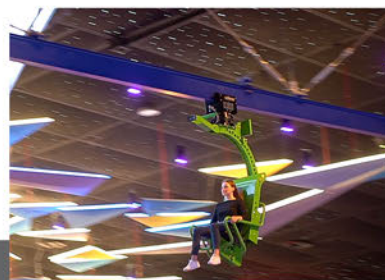
The locking lap bar provides Infinite adjustments for rider comfort. The electronic release applies hydropneumatics in the riding position. The hydraulic locking unit (HLU) is specifically designed for passenger restraint systems. The HLU is lab tested, easy to use and has proven reliability with high-cycle counts. This device exceeds all international safety standards.



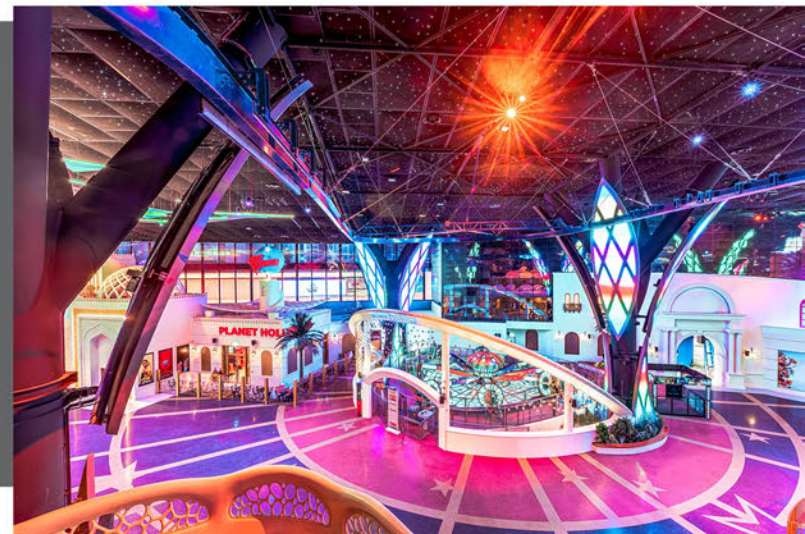
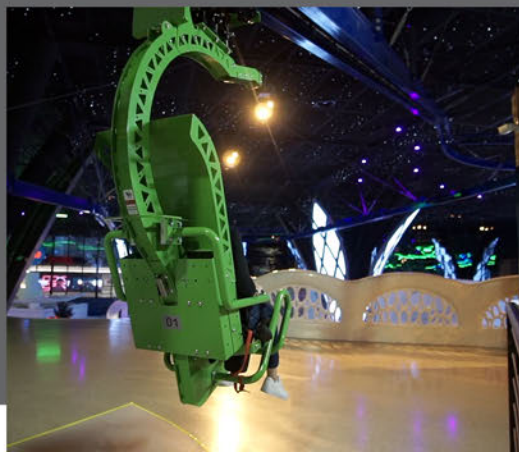
MÉGA PARC



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Phú Quốc



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extreme
ENGINEERING

FUN IS OUR BUSINESS™

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