

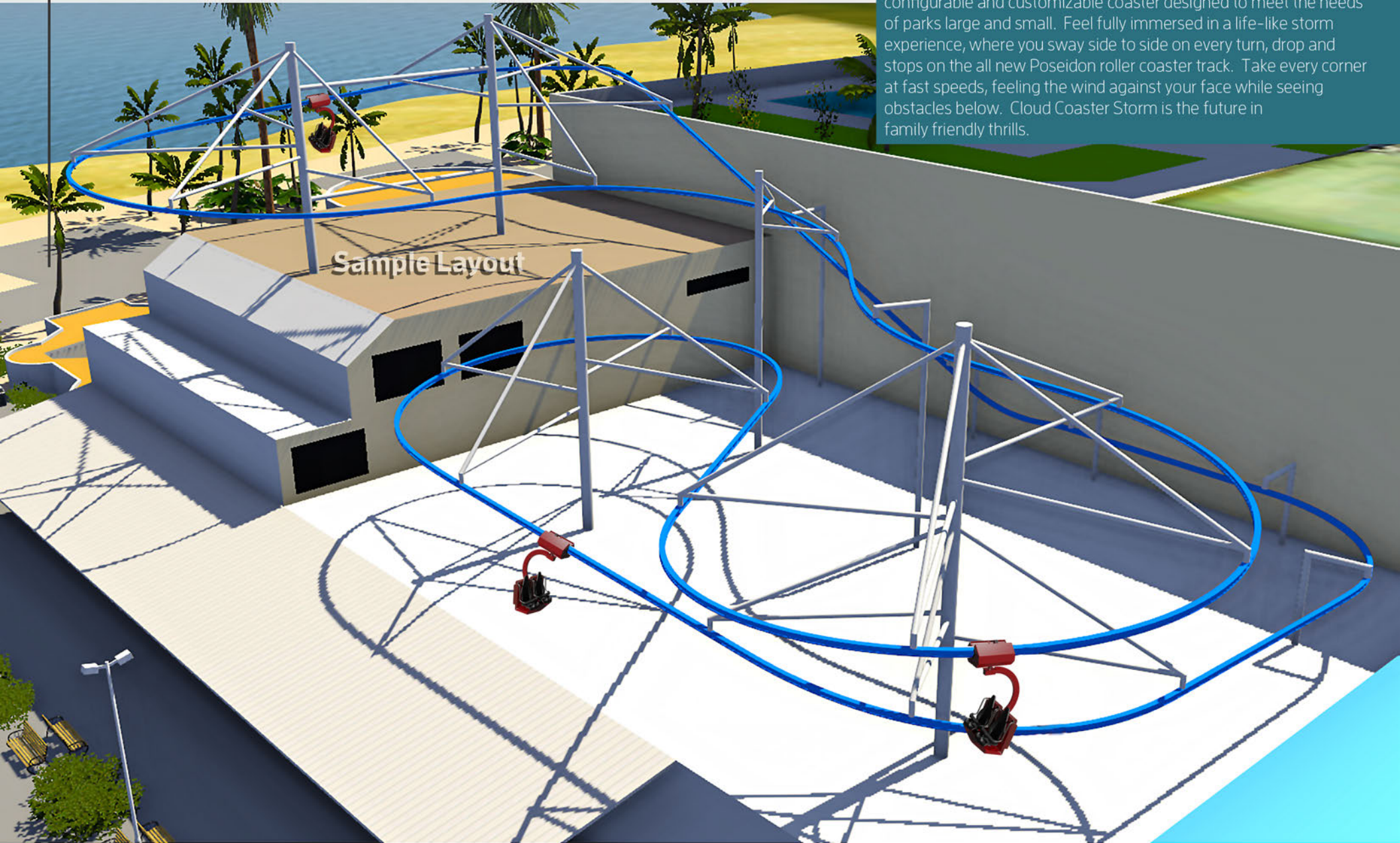
CLOUD COASTER STORM

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Welcome to Cloud Coaster Storm. No more riding solo.

Experience family friendly thrills together on the all-new side by side suspended roller coaster! No more riding solo as you pair up with your best companion. The Cloud Coaster Storm is a fully scalable, configurable and customizable coaster designed to meet the needs of parks large and small. Feel fully immersed in a life-like storm experience, where you sway side to side on every turn, drop and stops on the all new Poseidon roller coaster track. Take every corner at fast speeds, feeling the wind against your face while seeing obstacles below. Cloud Coaster Storm is the future in family friendly thrills.

Sample Layout



CLOUD COASTER STORM

RIDE BENEFITS

Theming Options: Custom ride vehicles and color options available.

Type of Vehicle: Two Passenger.

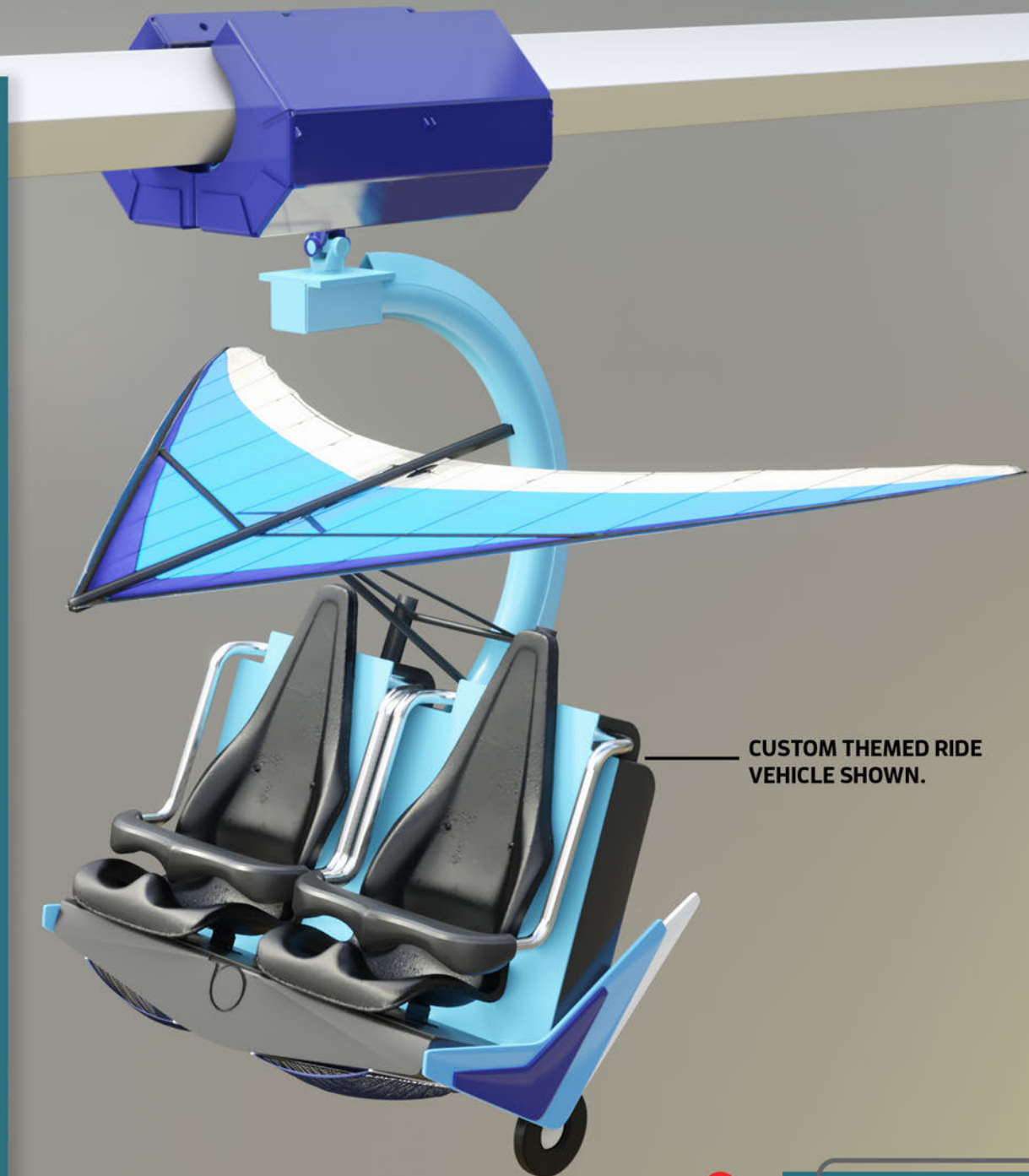
Track Type: Poseidon Single Rail System.

Speed: Up to 26 MPH (11.8 Kilometers per hour).

THRC: Up to 500 PPH.

Minimum Rider Height: 40 inches (100 cm)

*Note: Specifications may slightly vary.



CUSTOM THEMED RIDE
VEHICLE SHOWN.

CLOUD COASTER STORM CART

The anatomy of the roller coaster cart

M.B.S.™ TECHNOLOGY

The M.B.S.™, on the Poseidon's trolley, is an integral part of our passive magnetic braking device. This patent pending design uses magnetic breaking, 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.

STEEL CART BAR

The ASTM rated steel bar is used to mount the coaster's seat and restraint system. This steel cart bar provides 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.

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.

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.

POSEIDON TRACK

The poseidon track is a single rail system exclusively designed for Cloud Coaster Storm. This track is designed to support faster speeds and sharper bends on coaster layouts.

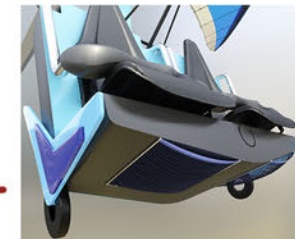
SWIVEL WITH SWAY CONTROL

The precision machined swivel safely attaches the coaster trolley to the 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.

OPTIONAL STORAGE BINS



*Ride vehicle may slightly vary from illustration.

SAMPLE THEMING

Change your experience on the fly

Ski Patrol



Rain Forest



Tribal Instinct





We provide the best to the best in the world! Extreme Engineering works globally with over 5,000 clients. We are the ultimate designers of adventure rides.

Here are just some of our clients:



Extreme Engineering is the first company in amusement history to earn the unprecedented honor of achieving "Best New Product" 5 years in a row and 15 amusement industry awards, including several "Best Major Attractions." Extreme Engineering also received awards in several other categories such as "Best Technology Applied," "Best Major Theme Park Ride," and "Best Exhibit."



We are the leaders in family-friendly thrills. All of our products are family-friendly focused, providing attractions fun for all ages.

WHY CHOOSE US?

- ✓ Engineering at its best. All products exceed ASTM standards.
- ✓ Quality and Safety comes naturally, Fun is our business®.
- ✓ We work with the big guys. Our client lineup speaks for itself.



U.S. Patents and Patents Pending, Proudly Built in the U.S.A.



GET IN TOUCH

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