



# Infinity Inverted Coaster









2

Intensity 

## The Next Generation of Inverted Roller Coasters

The Infinity Inverted Coaster offers endless possibilities and provides unlimited fun with the special effect of having no track underneath you. Proven and innovative technologies offer maximum ride comfort and smoothness, while passengers experience the most exciting ride elements.

Individual configuration options allow the creation of layouts with inversions, airtime, inclined lifts, vertical lifts, LSM launches, reverse rides and much more. The Infinity Inverted Coaster is flexibly customized to your requirements and leaves nothing to be desired.

- |   |   |   |  |   |   |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| 8 - 24<br>Seats   | Up to<br>110 km/h   | Up to<br>5 g  | Inversions<br>possible   | Launch<br>possible  | Forward &<br>Backward   |



## TRAINS

The trains are designed with optimal use of non-welded and welded assemblies to achieve lightweight construction and ease of maintenance. With a large running wheel diameter as well as suspended running, side and up-stop wheels, they master high speeds smoothly.

Thanks to their agility and ability to accommodate high accelerations, exciting layouts can be created even on a

small footprint. The train length can be individually adapted to your capacity requirements from 4 to 12 rows of seats for 2 persons each.

The seating concept offers passengers secure hold and plenty of freedom at the same time as well as maximized comfort. Continuously adjustable lap bars adapt individually to each passenger and offer the greatest possible safety thanks to redundant locking.

## ACCELERATION

By means of a chain lift with any desired inclination of up to 90°, the train climbs to breathtaking heights. Likewise, it can also be launched into the layout with a single or pendulum launch using linear synchronous motors.

Of course, the use of multiple launch sections and therefore the upgrade to a true inverted multi-launcher is possible. The flexibly adaptable concept

even allows lifts and launches to be combined in one layout.

With the ability to run forwards and backwards, the Infinity Inverted Coaster offers options for closed layouts with pendulum launches or shuttle layouts. The use of switches for separate ride sections allows for an even more varied ride experience.



## TECHNICAL DETAILS

To ensure safe operation and efficient maintenance, the Infinity Inverted Coaster comes with many features that allow an easy handling of the attraction, such as:

- State-of-the-Art safety PLC
- Operator panel incl. color touch screen
- Suspended running wheels with large diameter

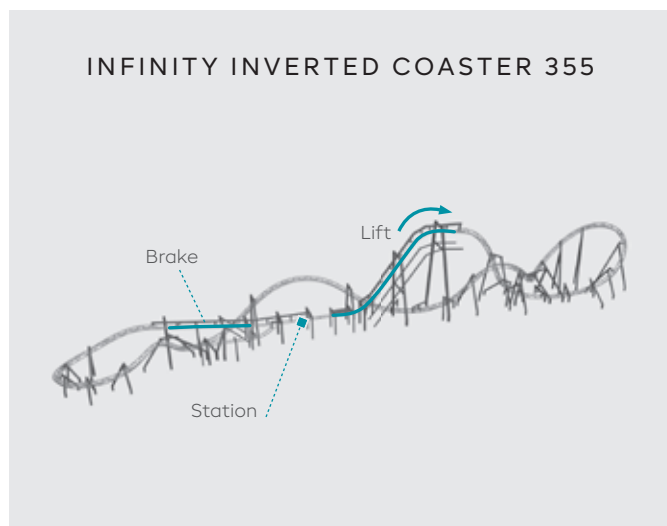
- Easily adjustable side and upstop wheels with adjustable suspension
- Wear-free magnetic brakes
- Contact-free acceleration by linear synchronous motors
- Silent anti-rollback dog with automatic function monitoring at each round

## THEMING OPTIONS

Whether as an impressive stand-alone attraction or as part of an extensively designed themed world: The individual theming options of the Infinity Inverted Coaster create the highest recognition value and perfectly convey the design of a themed area.

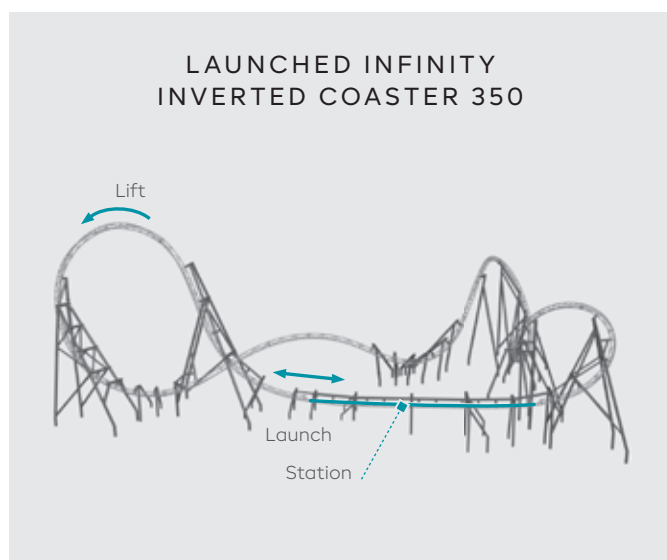
In addition to the customizable appearance, the vehicles can be equipped with on-board sound as well as lights, providing not only a high-thrill, but also a high-tech immersive experience.





|                      |                          |                         |
|----------------------|--------------------------|-------------------------|
| <b>26 m</b><br>85 ft | <b>72 km/h</b><br>45 mph | <b>355 m</b><br>1165 ft |
| Height               | Speed                    | Track Length            |

|                            |                           |
|----------------------------|---------------------------|
| Area                       | 31 x 145 m / 102 x 476 ft |
| Vertical Acceleration max. | 3.5 g                     |
| Vertical Acceleration min. | -0.3 g                    |
| Trains (12 persons)        | 2                         |
| Capacity                   | 750 pph                   |
| Connected Load             | 210 kW                    |



|                       |                          |                         |
|-----------------------|--------------------------|-------------------------|
| <b>37 m</b><br>121 ft | <b>95 km/h</b><br>59 mph | <b>350 m</b><br>1148 ft |
| Height                | Speed                    | Track Length            |

|                            |                           |
|----------------------------|---------------------------|
| Area                       | 60 x 112 m / 197 x 368 ft |
| Experienced Track Length   | 560 m / 1837 ft           |
| Vertical Acceleration max. | 4.7 g                     |
| Vertical Acceleration min. | -1.0 g                    |
| Inversions                 | 2                         |
| Trains (16 persons)        | 1                         |
| Capacity                   | 550 pph                   |
| Connected Load             | 2200 kW                   |
| with energy storage        | 350 kW                    |

All figures are approximate. Design and specifications are subject to change.

Individual and customized layouts upon request.