

= Nitro (Adlabs Imagica) =

Nitro is a steel Floorless Coaster at the Adlabs Imagica amusement park located in Khopoli , Mumbai , India . Manufactured by Bolliger & Mabillard , the roller coaster reaches a maximum height of 132 feet (40 m) and a maximum speed of 65 @. @ 2 miles per hour (104 @. @ 9 km / h) . The coaster also features five inversions . Nitro opened to the public in October 2013 .

= = History = =

As construction progressed with the theme park in early 2013 , the owners of the park gave no details about the roller coaster other than that it would be the largest roller coaster in India . Even after the Roller Coaster Database reported that a Bolliger & Mabillard Floorless Coaster would be built at the park , the owners still released no details . In April 2013 , the first pieces of the roller coaster were erected . By the end of August , all of the coaster 's track was installed . Then in the third quarter of 2013 , Adlabs Imagica released the details of Nitro .

Nitro was originally scheduled to open in May 2013 , however , it did not open until October .

= = Ride experience = =

Once the train is loaded and secured , the steel floor is retracted and the gate in front of the train opens . After being dispatched , the train immediately begins to climb the 132 @-@ foot (40 m) chain lift hill . At the top , the train drops down a small straight section before finishing the drop with a sharp turn to the right . When the train reaches the bottom of the drop , it reaches its maximum speed of 65 @. @ 2 miles per hour (104 @. @ 9 km / h) and enters a vertical loop , followed by a dive loop . After making a slight turn to the right , the train makes a banked right turn through the loop it passes through before . Then , the train passes through a trim brake (to slow the train down) before entering a zero @-@ gravity roll . The train then makes a banked turn to the left leading into the first of the interlocking corkscrews . After a banked turn to the right and a slight turn to the left , the train goes through the second corkscrew . The train then enters an approximate 180 @-@ degree downward banked turn to the left before making a final right turn into the brake run which leads directly back to the station . When the train arrives back to the station , the floors come back up , the front gate closes , and the next riders board . One cycle of the ride lasts about 2 minutes and 30 seconds .

= = Characteristics = =

= = = Track = = =

Designed by Bolliger & Mabillard , the steel track of Nitro is approximately 2 @, @ 800 feet (850 m) long , and the height of the lift is 132 @-@ foot (40 m) high . The roller coaster also features five inversions . The track is painted red with yellow rails and blue supports .

= = = Trains = = =

Nitro operates with two steel and fiberglass trains . Each train has six cars that can seat four rides in a single row , for a total of 24 riders per train ; each seat has its own individual over the shoulder restraint . The structure of the trains are coloured blue , red , and yellow ; the seats are black and the restraints are yellow . Also , unlike traditional steel roller coasters , Nitro has no floor on its trains .

With the trains reaching a top speed of 65 @. @ 2 miles per hour (104 @. @ 9 km / h) , Nitro is the second fastest Bolliger & Mabillard Floorless Coaster .

= = Reception = =

Neha Borkar from the Indiatimes said , " [The roller coaster] almost kills you , because it twirls , twists , and turns at a rapid speed , which reminds you of speed from the movies like ' Final Destination ' and ' The Fast and the Furious ' .