

= Abyss (roller coaster) =

Abyss is a steel roller coaster located at the Adventure World amusement park in Perth , Western Australia . The \$ 12 @-@ million attraction was announced in April 2013 , and construction began the following month . Six months later , the ride opened to the general public on 1 November 2013 .

The Abyss is a Euro @-@ Fighter , a roller coaster model from Gerstlauer that features a " beyond @-@ vertical " first drop which exceeds 90 degrees . In addition to several inversions , the Abyss reaches a top speed of 85 kilometres per hour (53 mph) along the two @-@ minute , 630 @-@ metre @-@ long (2 @,@ 070 ft) ride . The roller coaster has been well received by the public .

= = History = =

In mid @-@ 2012 , the 15 @-@ month phase of planning and construction of Abyss began . In April 2013 , Adventure World announced on their Facebook page that they would be adding a \$ 12 million , world @-@ class attraction in 2013 . By May 2013 construction had begun . In June 2013 , a concrete slab was poured prior to the construction of a show building . Shortly after track arrived in July 2013 , Adventure World officially announced that the ride would be a Gerstlauer Euro @-@ Fighter , similar to Saw ? The Ride . The ride was manufactured at the company 's facilities in Germany before being shipped to Australia in forty @-@ five 40 @-@ foot @-@ long (12 m) shipping containers . Construction of the ride was completed by Gerstlauer crews over seven weeks . The name of the attraction was revealed on the Friday the 13th of September 2013 as Abyss . The announcement was made on Friday the 13th due to the ride 's horror theme . Abyss officially opened to the public on 1 November 2013 as the single biggest investment in the park 's history .

Adventure World 's CEO Mark Shaw stated the addition of the Abyss was an attempt to elevate the park " from adventure park to theme park " . The park expected double @-@ digit attendance growth following the addition of the ride . Prior to the 2013 opening of Abyss , Adventure World 's only roller coaster was Dragon Express , a small junior roller coaster by Zamperla . Adventure World previously operated the Anton Schwarzkopf @-@ designed Turbo Mountain , before its closure and removal in 2009 .

= = Characteristics = =

Abyss is a custom Gerstlauer Euro @-@ Fighter with 630 metres (2 @,@ 070 ft) of track . The ride 's vertical lift hill takes riders to a height of 30 metres (98 ft) before dropping 30 @.@ 5 metres (100 ft) in a 100 ° , beyond @-@ vertical drop . The two @-@ minute ride features a top speed of 85 kilometres per hour (53 mph) and exerts up to 4 @.@ 5 times the force of gravity on its riders . Abyss contains three inversions including an inline twist enclosed in the ride 's show building , as well as an Immelmann loop and a dive loop outdoors . The ride features four trains which each seat riders four @-@ abreast in two rows . The theming around the ride was manufactured in the Philippines and includes thirty 3 @-@ metre @-@ tall (9 @.@ 8 ft) ancient druid guardians , exposed tree roots , upturned trees , and an entrance archway .

= = Ride experience = =

The ride begins at the station inside the show building . Once the train departs the station , it makes a slow turn to the right . A quick drop follows , before the train rounds a series of left turns into the first inversion , an inline twist . The train emerges from the show building and makes a slight left towards the 30 @-@ metre (98 ft) chain lift hill . Once at the top of the hill , riders drop down 30 @.@ 5 metres (100 ft) at an angle of 100 ° . The second inversion of the ride , an Immelmann loop , is followed by an overbanked turn around . An air @-@ time hill , where riders experience the feeling of weightlessness , and a right turn leads into the mid @-@ course brake run . The train exits the brake run with a left turn into a dive loop . A left turn leads the train into the final brake run , before returning to the enclosed station .

= = Reception = =

Abyss has been well received . Edwin Dickinson of the Australian Coaster Club praised Abyss for its smoothness , intensity and pacing . He described the ride as better than Superman Escape at Warner Bros. Movie World , stating Adventure World " certainly lifted the bar for roller coasters in Australia " . The Australian Associated Press commended the ride 's ability to continue to be thrilling after multiple rides . Natalie Bonjolo of Today Tonight stated she didn 't " know whether to laugh or cry " at the end of Abyss , describing the ride as unbelievable . Local MP Joe Francis described the ride as an " amazing piece of mechanical engineering " .