

= Dæmonen =

Dæmonen is a steel Floorless Coaster roller coaster at the Tivoli Gardens amusement park located in Copenhagen , Denmark . Designed by Bolliger & Mabillard , it reaches a height of 92 feet (28 m) , is 1 @, @ 850 @. @ 4 feet (564 @. @ 0 m) long , and reaches a maximum speed of 48 miles per hour (77 km / h) . The roller coaster features a vertical loop , an immelmann loop , and a zero @- @ gravity roll . Dæmonen replaced Slangen , a family roller coaster , and officially opened on April 16 , 2004 . A record number of guests attended the park that year , but the public has since given the ride mixed reviews .

= = History = =

Slangen , Tivoli Gardens 's family roller coaster , closed on September 21 , 2003 to make room for Dæmonen . Once the roller coaster was demolished , construction for the new roller coaster commenced . By the beginning of December , most of the brake run and station portions of the track were erected . By the new year , the lift hill was topped off . The first drop was completed by the end of January 2004 and the last piece of track was placed in February . The ride is currently sponsored by Mazda .

= = Ride experience = =

After riders have boarded and the station floor is retracted , the train begins to climb the 92 @- @ foot @- @ tall (28 m) chain lift hill . Once at the top , the train makes an approximate 180 @- @ degree downward left turn followed by an upward right turn . Following the turn , the train enters the main 65 @. @ 6 @- @ foot (20 @. @ 0 m) drop reaching a top speed of 48 miles per hour (77 km / h) leading directly into a vertical loop . The train then immediately goes through an immelmann loop . Next , the train makes a slightly banked right turn into a zero @- @ gravity roll . After an upward left turn , then another right turn , the train rises up leading into the final brake run . The train then makes a 180 @- @ degree left turn leading back to the station . One cycle of the ride lasts about 1 minute and 46 seconds .

= = Characteristics = =

= = = Track = = =

The steel track of Dæmonen is approximately 1 @, @ 850 @. @ 4 feet (564 @. @ 0 m) long , and the height of the lift is 92 feet (28 m) high . The track was designed by Bolliger & Mabillard and is filled with sand to reduce the noise made by the trains . Also , the track is painted red while the supports are silver .

= = = Trains = = =

Dæmonen 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 . This configuration allows the ride to achieve a theoretical hourly capacity of 1 @, @ 200 riders per hour . The structure of the trains are colored orange ; the seats and restraints are black . Also , unlike traditional steel roller coasters , Dæmonen has no floor on its trains .

= = Reception = =

Mia Christensen and Andreas Veilstrup from BT said that the ride was fantastic and that it has lived up to its name . Ethan Williams from Daily Mail said , " the fun didn 't last long enough for me " , and

gave Dæmonen two out of five for speed and surprise factor , three out of five for fear factor , and a three out of five overall .

After the first year of the roller coaster 's operation , Tivoli Gardens announced that a record 3 @, @ 346 @, @ 000 guests attended the park in the 2004 season ; however , attendance dropped 186 @, @ 000 the following year .

In 2004 , Dæmonen was voted the 98th best steel roller coaster in the world in Mitch Hawker 's Best Steel Roller Coaster Poll . The roller coaster peaked at 65th place in 2005 .

Dæmonen has never placed in Amusement Today 's Golden Ticket Awards .