

## COASTER

▶ The largest investment for Liseberg until now: The spectacular Dive Coaster from Bolliger & Mabillard

Approaching Gothenburg on the E6 coming from the airport, one notices the new skyline, with the new “Valkyria” spectacular drop on the longest and highest Dive Coaster in Europe.

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# Valkyria

At the top of the 50 metres drop, 18 riders in three rows can see down into the hole of the tunnel below, waiting for the drop, which offers two seconds of near weightlessness before the track starts turning to enter the tunnel, changing the force on the riders to 4 g, reaching a speed of 105 km/h. The wide “Valkyria” train spreads its wings in the themed area “Myths and Legends”, harbouring the Norse god “Balder” (a Wooden Coaster) and “Loke” (a new Pendulum Ride). The station, with several Valkyries overlooking the visitors, is modelled on Nordic stave churches. Gardeners have planted many different trees around the station, including, of course, an ash tree, although not quite of Yggdrasil size. Inside the station, Wagner lovers will recognize the “Ride of the Valkyrie” theme as part of the more than 1-hour long sound track from IMA-





score. The complex queuing area offers views both of the track and many artefacts from Norse mythology. Full of expectations guests finally enter the loading area, where they first notice the Valkyries in circles on the ground, cleverly marking assigned places in the train. Shields, lamps, weapons, music and flying ravens of Odin projected on the walls, all contribute to the feeling of being transported to a very different space-time reality. Moving up the 45° lift hill, there is no turning back – and why would anybody want to do that? The ride ahead is amazing! Coming out of the tunnel, riders enter into the large Immelmann immediately, first turning back over the tunnel, before shifting direction into an overbanked Horse Shoe, making them lose their sense of direction, already before entering the parabolic free fall of the Zero-g Roll on the other





side of the station. The track then takes passengers all the way to the southern border of the park in a figure eight curve, before coming back in a Barrel Roll that takes them over the Mölndal river into a hair-pin turn and back into the smooth magnetic brakes at the station. And riders then know that they have

◀ Liseberg's CEO Andreas Andersen (r.) was able to greet many close acquaintances at the opening; here with Jakob Wahl (IAAPA EMEA)





to come back for another ride! Although the first valley exposes guests to about 4 g for nearly two seconds, and the elements that follow give them seven additional experiences of 3 g or more, the ride is so smooth, that one can ride it many times in a row. It feels like the track follows the guest's motion, rather than being pushed by the train. Years of design work, including construction, computer programming, material development, experience and creativity have laid the foundation for the building of "Valkyria". The guests at Liseberg can finally enjoy the result, both on the ride and from the ground. Be sure to take a walk around the park to discover all the elements – but to see the track in the tunnel, guests have to join the queue! ■

### FAST FACTS

- Opening: 10<sup>th</sup> August 2018
- Track length: 750 m
- Track height: 47 m with max. height difference 50 m (1<sup>st</sup> Drop)
- Max. speed: 105 km/h
- 3 Inversions
- Total ride time: 1:50 min (50 sec until 1<sup>st</sup> drop)
- 3 trains, each with 3 cars, per car 6 pers. / Capacity: 1,100 p.p.h.
- Manufacturer: Bolliger & Mabillard, Monthey, Switzerland
- Operator: Liseberg, Gothenburg, Sweden

