

Factsheet

„Voltron Nevera powered by Rimac“

August 11, 2023

The new spectacular roller coaster at Europa-Park will thrill with numerous records. Visitors can look forward to an attraction with the following facts and figures:

- Type: Stryker Coaster (further development of the Big Dipper)
- Manufacturer: MACK Rides
- Drive: LSM-Launch drive (drive with 'linear synchronous motor')
- Number of trains: 7 (3 to 4 at a time on the track)
- People per train: 16
- Theoretical capacity: 1,600 people per hour
- Highest point: 32.5m
- Length: 1,385m
- Maximum speed: 90 km/h
- Size/Age: Objective: 130cm, 8 years
- Structure: 142 rail sections, almost 300 stators (magnetic acceleration), 406 support pillars
- Total weight of support pillars: just under 500 tonnes
- Support pillar colour: Brown

- Special features: Darkride section (after the station), a rollercoaster curve close to the water
- Riding elements: 30 different elements, a total of 4 launches (one backwards), 7 inversions
- Track/elements: beyond-vertical launch (vertical launch with 105 degree inclination), 4 stator rows, inverted top hat, airtime dip and airtime hill, immelmann, special element: at a height of 32 metres the passengers are weightless (inverted stall), S-curve with transition into dive loop (trains rotate by 180 degrees), reverse ride with launch in top hat, banked stall with lateral airtime, ejection drifter, double up (final height: 20m), falling roll, cutback, final element: corkscrew (train rotates on its own axis and crosses two other rails at the same time)
- The longest rollercoaster with inversions in Europe (6th longest with inversions worldwide
- Longest launch coaster in Europe (1,385m)
- Launch coaster with the most inversions worldwide (7, tied with 3 others)
- Steepest launch worldwide (105°)
- With 3 acceleration sections, the rollercoaster holds the record in Europe
- With 4 accelerations, the rollercoaster holds the record in Germany
- Rollercoaster will be integrated into the 17th European themed area Croatia, which is inspired by the town of Hvar, Croatia
- Storytelling: by MACK Magic, revolves around Nikola Tesla
- Size: 20,000 m2 (construction phase 1 without themed area)
- Waiting area: Leads through a courtyard and into a large hall with effects and animatronics

