

DARK-RIDE-HALL IN FAIRYTALE FOREST, EUROPA-PARK Rust (Germany)

NEW BUILDING

Client: Europa-Park GmbH & Co. Mack KG

**Certified
Inspection Engineer:** Prof. Dipl.-Ing. Matthias Pfeifer

Our services: Structural engineering inspection in accordance
with regulations and standards
Static calculations
Structural fire protections
Earthquake engineering
Execution planning (structural and workshop drawings)
Random monitoring of the structure
during the building phase

Brief description: Construction of a new hall for an indoor/outdoor
family roller-coaster
- spatially divided irregular building with a demanding
geometry designed for a fun ride with an elaborate
indoor/outdoor run
- numerous high-tech special effects
- steel dome, height 17 m, diameter 32 m,
constructed out of curved
rolled sections HEA 300, welded and bolted
- hall made of reinforced concrete with a flat roof
construction of steel trusses or rolled sections
- elastically bedded base plate

Architects: Europa-Park Freizeit- und Familienpark
Mack KG, Rust

Structural engineers: Weiß Ingenieure GmbH, Freiburg

Completion: 2013



Pictures / Illustrations: PfeiferConsult