

AlpineCoaster 2.0

EN



ECONOMIC BENEFITS

- Realistic capacity (1,5 Persons/vehicle): 500 PPH
- Required staff: min. 1
- Low maintenance, approx. 1% of yearly revenue
- Year-round operation
- Amortization from 2 years
- No brake wear from eddy current based braking system
- Complete stop on the track not possible: a minimum speed of 3-7 km/h causes a better throughput rate

LOCATION REQUIREMENTS

- 500 m recommended minimal length
- Approx. 20.000 m² minimal surface
- Min. 30 m height difference
- Terrain gradient max. 70%
- Low noise emission; measured value 54 Db (incl. additional noise)

TERMS OF USE

- Two-seater vehicle (adults)
- From 3 years old under supervision, from 8 years old as rider
- 40 km/h maximum speed
- Max. 150 kg loading weight

SAFETY & TECHNICAL SPECIFICATIONS

- Min. 9 m curve radius, 4 m in station area
- Max. 5 m track elevation height without foundations
- Track support width 3 m without bridges
- V2A Stainless steel track
- Hot-dip galvanized steel mountings
- Tilt angle up to 25°
- Track width 590 mm
- Automatic seat belt locking
- TÜV-certificate guaranteed
- According to DIN ISO 19202-1 and DIN ISO 19202-2
- Wiegand lift system with electric motor

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SAFETY & TECHNICAL SPECIFICATIONS

- Drive power approx. 11-45 kW
- Voltage supply 400V
- Standard front and rear lights
- Service cart for maintenance

Braking system

- Centrifugal brake and eddy current brake in vehicles
- Automatic magnetic braking system on complete track
- Driving assistance distance control system between the toboggans

BUILDING STRUCTURE

- Foundations only necessary for stations, bridges, helixes etc.
- No safety nets needed
- Overpasses and underpasses possible
- Steep turns
- Helixes (with foundations)
- Jumps and waves
- Tunnels and bridges (with foundations)

OPTIONS

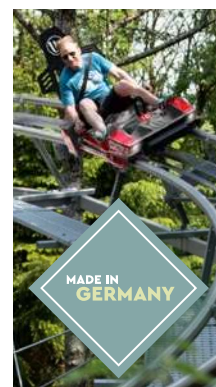
- Storage facilities (garage/helix/canopy)
- Photo points
- Speed measurements
- Rain cover
- Snow blower or snow plow
- Automatic toboggan attachment for chair lifts

THEMING

- Free vehicle colour design
- Sound and light effects

CONVINCE YOURSELF!

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ON ONE OF
OUR INSTALLATIONS
WORLDWIDE.**



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