

# AlpineCoaster

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## 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

## LOCATION REQUIREMENTS

- 500 m recommended minimal length
- Approx. 20.000 m<sup>2</sup> 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
- Drive power approx. 11-45 kW
- Voltage supply 400V
- Standard front and rear lights

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## SAFETY & TECHNICAL SPECIFICATIONS

### Braking system

- Manual brake and centrifugal brake in vehicle
- Magnetic braking system on track-end
- Upgrade 1: Magnetic braking system on complete track
- Upgrade 2: additional distance control

## BUILDING STRUCTURE

- Foundations only necessary for stations, bridges, helixes etc.
- 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

- Vehicle colour design
- Sound and light effects



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## CONVINCE YOURSELF!

**TAKE A TEST RIDE  
ON ONE OF OUR INSTALLATIONS  
WORLDWIDE.**



**JOSEF WIEGAND GMBH & CO. KG**

Landstrasse 12-14 | D-36169 Rasdorf | Phone +49 6651 980-0 | E-Mail sales@wiegandslide.de

[WWW.WIEGANDSLIDE.COM](http://WWW.WIEGANDSLIDE.COM)