



# CoasterKart

## ECONOMIC BENEFITS

- Realistic capacity: 500 PPH
- Required staff: min. 1
- Low maintenance, approx. 1% of yearly revenue
- Year-round operation
- Amortization from 2 years
- Possible as transportation/people mover

## LOCATION REQUIREMENTS

- 500 m recommended minimal length
- Approx. 5.000 m<sup>2</sup> minimal surface
- No height difference required
- Max. 15% gradient of the track
- Indoor and outdoor operation possible
- Low noise emission; measured value 54 Db (incl. additional noise)
- No foundations necessary

## TERMS OF USE

- Two-seater, side by side
- From 4 years old under supervision, from 8 years old as rider
- 1,05 m minimum height
- 40 km/h max. speed
- Max. 200 kg loading weight

## SAFETY & TECHNICAL SPECIFICATIONS

- Min. 9 m curve radius, min. 6 m in station area
- Max. 4 m track elevation height without foundations
- V2A stainless steel
- Lockable, stepless hydraulic lap bar
- Front and rear lights integrated
- TÜV - certificate guaranteed
- According to DIN EN 13814 „Flying Constructions“, ISO 17842 „Amusement Rides“ and ASTM 2291 „Designs of Amusement Rides and Services“
- Semi-automatic operation in station
- Programmable driving assistance distance control system

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## SAFETY & TECHNICAL SPECIFICATIONS

- Powered by LIM - technology
- Drive power approx. 17,5 kW/vehicle
- Connection load approx. 20 kW/vehicle
- 400V supply (480V IT-Net thru. isolating transformer)

## BUILDING STRUCTURE

- Track foundations not necessary
- Overpasses and underpasses
- Helixes/circles
- Tunnels and bridges

## OPTIONS

- Entry and exit segment for vehicles
- Photo points
- Pre-settable speed
- Speed measurements
- Service - tools

## THEMING

- Colour design
- Sound- and light effects
- Race mode
- Time trials & Gaming
- Individual vehicle design



## CONVINCE YOURSELF!

**TAKE A TEST RIDE ON OUR TEST TRACK  
IN GERMANY OR ON OUR INSTALLATION  
IN RHIGOS, WALES, UK.**



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