

# Amusement Park Spinning Coaster Ride

The spinning coaster is a thrilling amusement park ride designed for an exciting experience. It has a rated load of 20 riders and operates at a speed of 20-35 km/h.



## Overview

### Thrilling Amusement Experience

The Spinning Coaster is a high-performance amusement park ride engineered to deliver an exciting and dynamic experience for visitors. Featuring a robust design with a 11.2-meter ride height and a 20-rider capacity, this coaster is built for high-throughput operational environments. Its optimized track geometry and controlled speed range ensure both safety and excitement for passengers.

## Dimensions & Capacity

Area Requirement	33m x 22m
Ride Height	11.2 m
Rated Load	20 riders

## Operational Performance

### Key Performance Metrics

**35 km/h**  
Max Speed

**1.8 m/s**  
Lifting Speed

### Track Geometry

- Track Radius: 2.5m
- Gradient: <math><31.5^\circ</math>

## Electrical & Power

### Power Requirements

- Power Consumption: 40kW
- Power Supply: 3N-380V 50/60Hz TN-S