



## Funicular railway FUNI 1 SHENZHEN, China

### Description

When an immense ecological leisure park wishes to transport its visitors to discover the luxuriant nature, where the high frequency of traffic on the site requires a high capacity and service availability, the desire for a feeling of immersion within the heart of the environment favors a natural eco-friendly form of transport. The company SHENZHEN OCT East Co. Ltd, attracted by the poetic open mode of transport, chose the solution POMA Funicular railway.

### Technical data :

Length	1357 m
Vertical rise	395 m
Max. operating speed	6 m / s
Debit per hour	750 p / h
Vehicle capacity	72 pers.
Total Number of vehicles	2

## Gallery



## Components

Park ... Gigantic!

A park with huge dimensions: an area of 7 km<sup>2</sup> with two 18-hole golf courses, attractions, thematic games and an electric train ... Two Funiculars and a Poma gondola lift act as a welcome to the visitors.



Structures

The winding roads, in a hilly terrain, obliged the use of tunnels and viaducts. With perfect Integration into the environment, all realized with the collaboration of the Park architects.



70-seat vehicles

Open scenic vehicle. 70 seats.



One way track

The crossing area allows the use of 2 vehicles in a one way direction: the creation of an infrastructure towards a lighter, more integrated, optimized landscape.



## Machinery

Machinery with asynchronous motor and gearbox. Compact, silent, and composed of standard equipment.



## ABS

System with 2 independent cable loops, braked simultaneously. Major advantage, automatic braking is regulated and adjusted to the braking force of the situation: less force on the climb, stronger on the descent. The brakes are positioned on the main wheel and allow the lift to come to a complete stop.

