

AIRGLIDER[®]

the high rise paragliding ride^{*}

CAPACITY FROM 90 TO 1100 RIDERS PER HOUR

NEW RIDE EXPERIENCE

SMALL SPACE REQUIREMENT

HIGH RISE PARK ATTRACTION

HIGH SAFETY STANDARD

MODULAR SETUP OPTIONS

ADAPTABLE TO EXISTING STRUCTURES



* patent pending

**New ride concept
Great set up variety**

AIRGLIDER®

the high rise paragliding ride

New 2-seater
interactive cable car



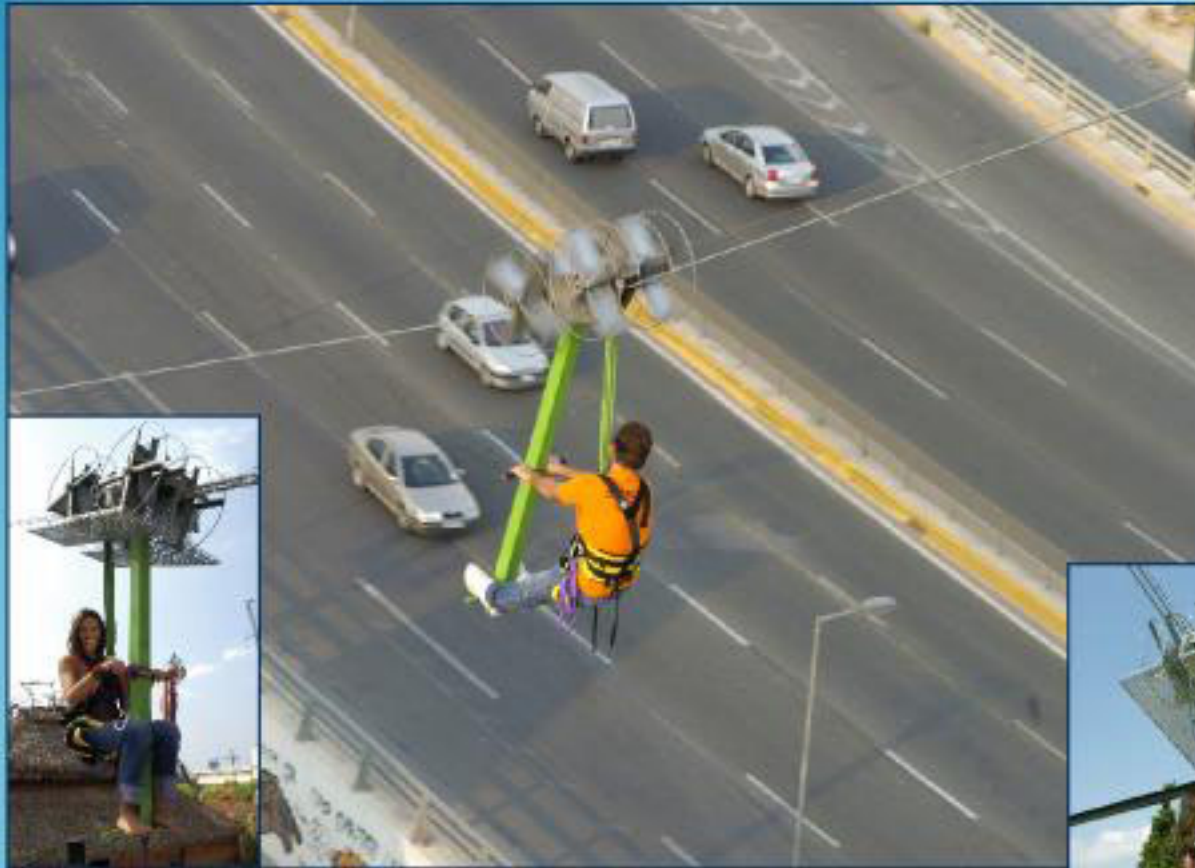


Rider leaving launch ramp

Ride experience

Contrary to many modern rides seeking faster ride experiences, the AIRGLIDER® provides the feeling of slowly gliding through the air combined with thrill of height, just like a paraglider. The ride time of almost 1 minute provides a great value for money. The AIRGLIDER® is an enjoyable ride experience, spiced with the impression of great height and distance. It also has great repetition potential since the experience is not exhausting to the rider.

The AIRGLIDER® also constitutes a spectacular optical attraction as it pin points the park or site for miles around and leaves spectators fascinated all around, while the riders slowly soar through the air.



View from launch ramp



Rider wagon (carries up to 3 riders)



Elevated landing station

Technology

The AIRGLIDER® uses simple and efficient mechanical technologies.

The rider wagon is controlled by an air resistant brake system, which is independent from electricity and allows a continuous moderate speed (8 km/h/ 5mph) on the cable ride at any angle (up to 45 ° from launch ramp to ground).

The braking process stops the riders by a mechanical spring system. A retraction system ensures that the ride wagon is returned to the launch platform within a matter of seconds. Up to five wagons can run on one line, starting every 20 seconds. Each line requires 2 staff.

The tower itself requires a ground space of only 7 x 7 m including foundations. The landing platforms can be elevated to save park space.



Elevator gate



Launch ramp gate



Elevator in transit

Modular system

The AIRGLIDER® modular system is completely new within the ride industry: The concept of one tower, which can be expanded with ride modules any time to increase ride capacity (up to 1100/h) and variety.

This enables a park to economically decide on ride capacity/investment and match future investments to growing turnover, without having to invest in a new ride. The modular system also allows a very creative and flexible ride planning options:

- ☞ to ride to **various directions** within a park (over buildings, streets, rivers etc)
- ☞ to **launch of an existing structure** or a new tower of any height
- ☞ to create a multi level ride, with several **lines above each other**
- ☞ use of the tower as **panoramic platform**
- ☞ excellent rider branding opportunities (rider wagon with flags etc.)

Safety

Ride safety is the prime feature of the AIRGLIDER®. All hardware is backed up from beginning to the end. Besides double cables and brakes, the ride works with simple mechanical functions, easy in operation and maintenance. The ride seat has two locks and will not move if one of them is open. The rider is not exposed to any strong physical forces or other abrupt movements. The overall safety factor (redundancy) is 10, matched to elevator regulations. The AIRGLIDER® meets DIN /ASTM Norms and is safety inspected.

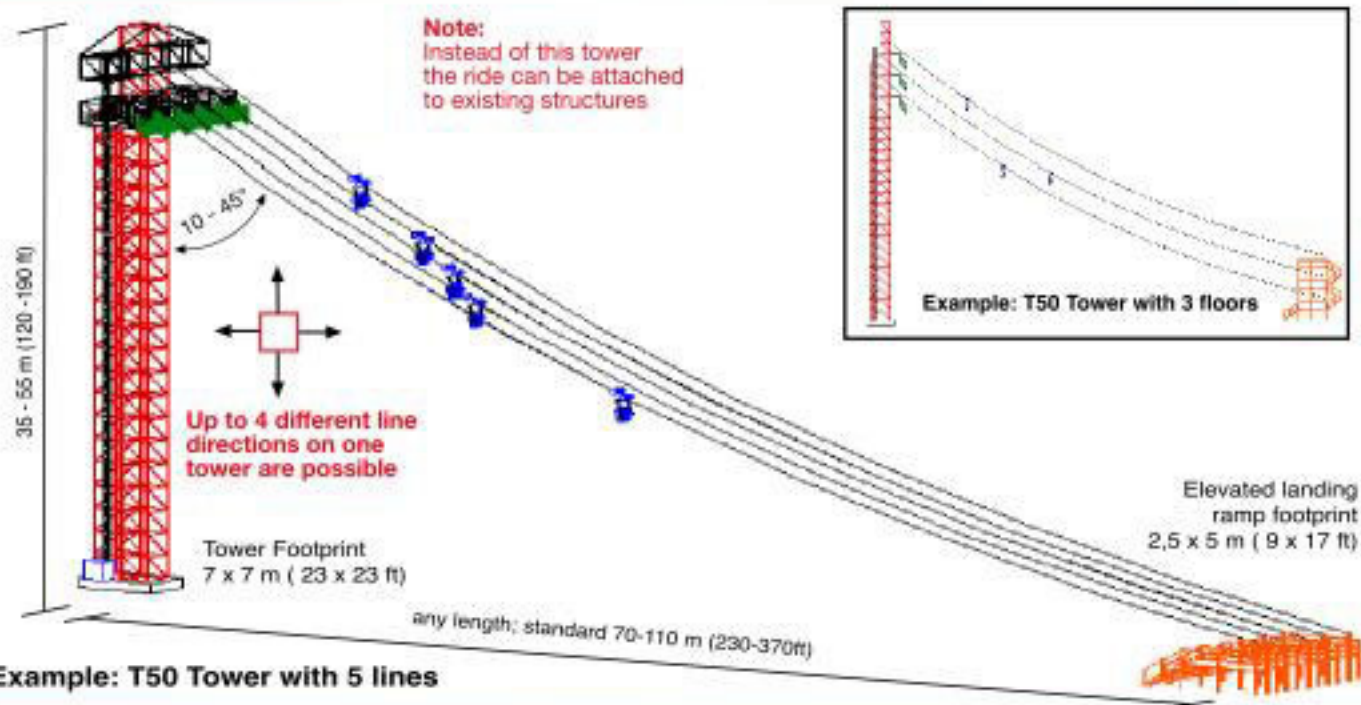
Technical data

No of Lines:	1 2 3 4 5	Elevator capacity:	E7: 7 passg. every 4 mins)
Capacity p. Wagon: 3		alternatively	E12: 12 passg. every 2 mins)
Hourly capacity:	90 180 270 360 450	Ride Speed:	8 km/h (5 mph)
Ground space:		Cable length:	any; standart 80-120 m (270-400 ft)
Tower	7 x 7 m (23 x 23 ft)	Brake type:	Air compression
Landing ramp*:	2,5 x 5 m (9 x 17 ft)	Power supply:	400V / 13 KW / 32 Amp
Ramp height:	any; standard 30-50 m (100-170 ft)	G-Force:	1
Ride length:	any; standard 70-110 m (230-370ft)	Safety coefficient:	10
Ride duration:	1 Minute	Wind speed:	17 m/s (38 mph)
Degree of angle:	Standard 20 ° / Max 45 °	Reg. replacements:	None
Operation Staff:	2 per line	Upgrades	Line capacity increase to 225 per h

* Landing ramp can be elevated to save ground space

The AIRGLIDER is patent pending in Europe, USA and Asia

Set up options



Manufacturer:

COMPAR Engineering

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