

### Gondola lifts

Gondola lifts are aerial ropeways with carriers that are released from the haul rope in the terminals and conveyed at low speed through the loading/unloading area. The system offers a very high capacity.



GD8 Telefèric de Montjuïc, Barcelona / ES

### Gondola lifts - Technical data

System capacity up to 4,500  
pph

Line speed up to 6 m/s

Carrier capacity up to 10 pers.



GD10 Cable Aéreo Manizales, Manizales / CO

### GD10 Cable Aéreo Manizales







↗↘	1880 m
↑↓	240 m
🧑🧑🧑	2100 p/h
⚙️	460 kW
🚠	58
🏠	13



GD10 Cable Aéreo Manizales, Manizales / CO



### GD8 Narikala

	508 m
	93 m
	600 p/h
	100 kW
	7
	3



GD8 Narikala, Tbilisi / GE

### GD8 Ordu - Boztepe

↗ 2372 m

↕ 501 m

👤👤👤 900 p/h

⚙️ 341 kW

🚡 28

🚡 7



GD8 Ordu – Boztepe, Ordu / TR

### GD8 Ordu - Boztepe






Direct link from the beach to the  
Boztepe recreation area

900 m span



GD8 Ordu – Boztepe, Ordu / TR

### GD8 Bergama

	694 m
	203 m
	1150 p/h
	201 kW
	15
	3








GD8 Bergama, Bergama / TR





### GD8 Gaziantep

	904 m
	3 m
	1000 p/h
	98 kW
	20
	4



GD8 Gaziantep, Gaziantep / TR



### GD8 Gaziantep

Public service to a leisure park

Key function within the local transportation system

Ridage: 5,000 persons per day



GD8 Gaziantep, Gaziantep / TR

### GD8 Expo Zaragoza

	1191 m
	2
	2600 p/h
	320 kW
	48+1
	10



GD8 Expo Alt, Zaragoza / ES

### GD8 Telefèric de Montjuic

↗ 753 m

↕ 85 m

👤👤👤 2990 p/h

⚙️ 410 kW



GD8 Telefèric de Montjuic, Barcelona / ES

### GD8 Telefèric de Montjuic

Public service to a leisure area

Operates from 10 a.m. to 9 p.m.



GD8 Telefèric de Montjuic, Barcelona / ES



### GD8 EXPO Skyliner

Main public transport system at Expo 2000 in Hanover

Station design by the architect Matteo Thun

9 Million passengers in 5 months



GD8 Expo Skyliner – Hannover (D)

### GD8 AirMetro Complexo do Alemão – Rio de Janeiro

↗ 3456 m  
↕ 121 m  
👤👤👤 2800 p/h



Complexo do Alemão – Rio de Janeiro, BR

### Aerial tramways (AT)



### Reversible aerial ropeway – Technical data

Aerial tramways are particularly well-suited in extreme terrain since towers can be built at larger intervals.

They are particularly impressive due to their high availability, wind resistance, operating safety and longevity.

One or two cabins shuttle back-and-forth between the stations.



AT 70 Marmolada - Malga Ciapela / IT



### Aerial tramways – Technical data

Line speed up to 12 m/s

Carrier capacity up to 100 pers.  
(single track rope)

up to 200 pers. (twin track ropes)



AT101 Murtèl – Corvatsch, Corvatsch / CH

### AT95 Nordkettenbahn I + AT69 Nordkettenbahn II

↗	2873 m + 764 m
↕	1040 m + 363 m
👤👤👤	800 p/h + 622 p/h
⚙️	760 kW + 310 kW



AT95 Nordkettenbahn I, Innsbruck / AT

### AT 110 Roosevelt Island Tramway

↗ 960 m  
↕ 70 m  
👤👤👤 1500 p/h



Roosevelt Island Tramway – New York, USA

## ROPEWAY SYSTEMS & REFERENCES

---

### MiniMetro (MM)





### MiniMetro

Automatic people mover system for short and medium-distance operations in towns and small cities.

System capacity pphpd	3,000
Minimum car interval	60s
Maximum grade	15%
Minimum track radius	50 m
Line section length up to	3-4 km
Maximum line speed	30km/h



MiniMetro Perugia, Italy

### MiniMetro Perugia



↗ 3027 m  
↕ 161 m  
👤👤👤 3000 p/h  
⚙️ 1100 kW



MiniMetro, Perugia / IT

### MiniMetro Perugia

Creative design by the French Architect Jean Nouvel

3.5 million passengers per year

99.9% system availability

Operates from 7 a.m. to 9.30 p.m.



MiniMetro Perugia, Italy

### SQUAIRE METRO

Minimetro - the perfect transport solution for an airport.

Link from the multistory car park to THE SQUAIRE office building in Frankfurt Airport.

Maximum system capacity  
3,000 pphpd

24-hour operation



THE SQUAIRE METRO, Frankfurt / DE



### SQUAIRE METRO – Technical data



300 m



2 m



3.400 p/h



2



8



THE SQUAIRE METRO, Frankfurt / DE

### Funiculars

Funiculars are the fastest rope hauled systems of all.

#### Technical Specifications:

System capacity up to 8,000 pph

Line speed up to 14 m/s

Car capacity up to 400 pers.



linnsbruck (AT)

### IF130 Hungerburgbahn

Design by Zaha Hadid.

	1838 m
	287 m
	1200 p/h
	2400 kW



IF130 Hungerburgbahn, Innsbruck / AT

**LEITNER<sup>®</sup>**  
ropeways



### Tricable ropeways - TD35 Ritten / Renon

Public service from the city to the nearby foothills

First tricable gondola lift in Italy

Line length: 4,560 m

Approx. 1 million passengers per year

Operates from 6.30 a.m. to 11 p.m.



TD35 Ritten / Renon, Bozen / Bolzano (BZ) / IT

**Please contact us.**

**We will help you with the planning of  
your ropeway system!**

**Contact here:** Maurizio Calderara

**General Contact:**

LEITNER Spa - Headquarters  
Via Brennero, 34  
I - 39049 Vipiteno  
Tel. +39 0472 722 111  
Fax +39 0472 724 111  
[info@leitner-ropeways.com](mailto:info@leitner-ropeways.com)  
[www.leitner-ropeways.com](http://www.leitner-ropeways.com)

**LEITNER<sup>®</sup>**  
ropeways