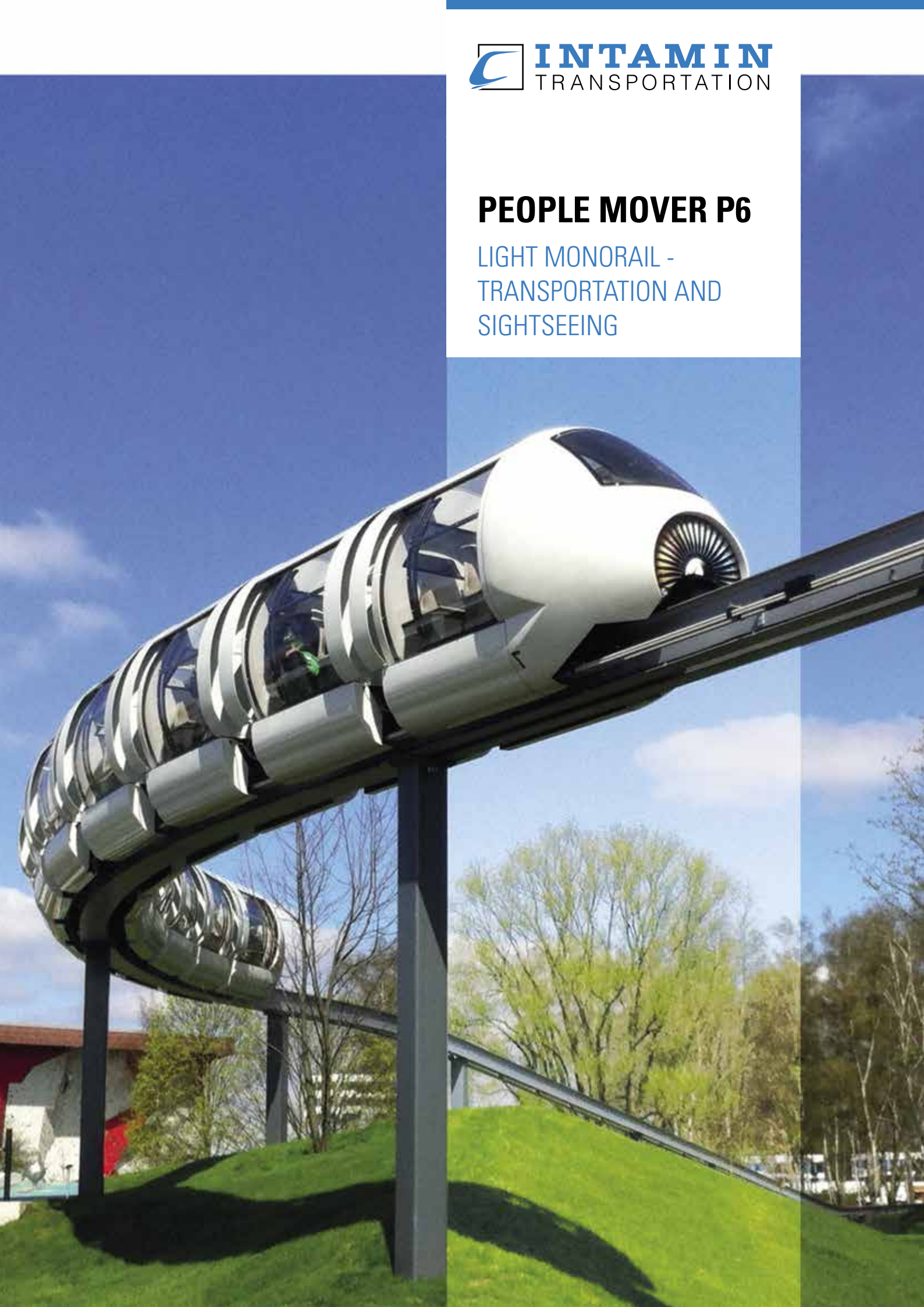


PEOPLE MOVER P6

LIGHT MONORAIL -
TRANSPORTATION AND
SIGHTSEEING



LIGHT MONORAIL FOR TRANSPORTATION AND SIGHTSEEING

P6 MONORAIL

From panorama rides in theme parks and exhibitions to professional transportation systems in shopping centres and the like, the P6 offers an ideal solution. Capable of climbing gradients up to 20 %, travel through tight curves and radii, the P6 can fit into areas traditionally not considered.

Since the P6 is a modular system, the number of cabins can be varied from 3 to 10 or more. Options available include air-conditioning, various finishes, a range of different seats, audio systems, display systems etc. enabling the P6 to meet every customer's requirements.

P6 monorail is available for operation by a driver or as an option in full automatic mode. In case trains are driven in full automatic mode they are controlled by an Intamin ride control system and supervised from a central control room. However trains are also equipped with ATGS (Automatic Train Guiding System) which will monitor the speed of the train to ensure a level of safety at any point on the track.

NINGBO, CHINA

Romon World Theme Park in Ningbo is one of the most exciting places in the amusement world in China. The new park shares a lot in common with the excellent Lotte World in South Korea and features a large section inside a shopping mall as well as an outdoor island of attractions.

A single track Monorail System connects the shopping mall with the various attractions. The system features seven trains P6/18 with a maximum capacity of 18 seated passengers each for a service on the track loop, serving two stations. Passengers have a train every 2 minutes at the station.

Thanks to the elevated track about 4 - 6 m above ground level the visitors have a spectacular view all over. Up to 1'100 guests an hour can enjoy the circular route with a panorama view.

Trains are driven in full automatic mode and controlled by an Intamin ride control system and supervised from a central control room (OCC).



DA NANG, VIETNAM

Asia Park in the central city of Da Nang in Vietnam is located at Hoa Cuong Bac Ward in Hai Chau District. One of the highlights within the 88-hectare park is an Intamin P6 monorail system.

The park welcomes about 2.5 million visitors each year. It includes a culture park, an amusement park and a multi-functional center. The culture park highlights replicas of famous architectural works and typical landscapes from nine Asian countries including Japan, India, Cambodia, Indonesia, Thailand, South Korea, China, Nepal and Vietnam.

For transport and sightseeing purposes eight Intamin monorail trains P6/66 travel within the park. The trains provide a smooth and pleasant ride all over the exhibition area and service is provided at the stations at a short interval of only three minutes. The monorails are running on the elevated track and more than 2,000 passengers per hour can enjoy their trip along the 3.4 kilometer-long route.

HAMBURG, GERMANY

With the motto „Around the World in 80 Gardens“, the International Garden Show IGS-2013 on the Elbe island in Hamburg-Wilhelmsburg presented from April till October 2013 the imaginative ideas of gardeners, breeders and landscape architects. And with the motto „A garden show that will move you!“ it was possible to travel with the monorail around this world.

The main route through the seven worlds of the show was approximately six kilometers long. If visitors didn't want to go by foot they were able to take the garden show train. At sightseeing speeds of around 20 km per hour, the trains ran on the elevated track and gave the visitors a completely new perspective.

Up to 2,000 guests an hour can enjoy the 3.4 kilometer long circular route with a panorama view of the garden show site.

At the end of the show all eight trains travelled approximately 145,000 km which is about three and a half times around the globe.



LIGHT MONORAIL FOR TRANSPORTATION AND SIGHTSEEING



Technical Data

Train:	
Height of train (over rail)	2.0 m
Width of train	1.8 m
Number of cars per train	3 cars to 12 cars
Length of train	10 m to 32 m
Capacity of train	18 pers. to 72 pers.
Maximum recommended speed	5 m/sec.
Automatic driver-less operation	optional
Automatic doors	manually, automatic locked
Air-conditioning/heating	optional
Wheelchair access	optional
Track:	
Typical span between columns	12 m
Optional span between columns	12 m to 24 m
Recommended height above ground	5 m
Maximum gradient	up to 20 %
Minimum turn radius	20 m
Station:	
Length of platform	8 m to 30 m (3 car train or 12 car train)
Automatic operation from control room	optional
System:	
Maximum transport capacity	up to 3,500 pph

POWER SUPPLY AND BUSBARS

Power supply:

DC power rectifier system with emergency

Primary 3x400 volts AC

secondary 600 volts DC

Power: 494 kVA

DC rated current 700 A

Busbars:

bipolar

