



## Panoramic Coaches trains

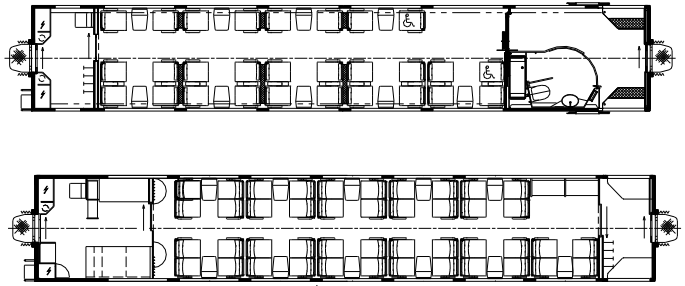
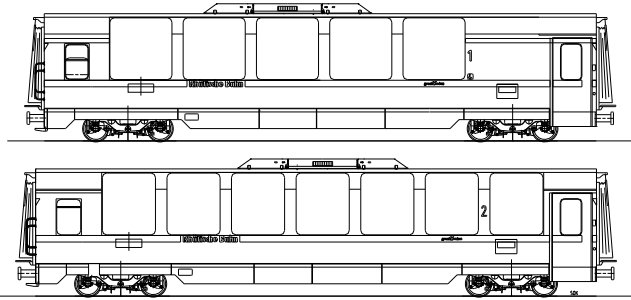
### *for the “Bernina Express” Rhätischen Bahn (RhB), Switzerland*

The Rhätische Bahn purchases once again a total of 16 of these comfortable panoramic coaches (6 First Class coaches equipped for wheelchair access, 6 Second Class coaches and 4 Second Class/Service coaches) for service on the entire RhB lines network, but particularly on the Bernina Line. A unique feature is the large panoramic windows which allow an unhindered view of the idyllic Alpine scenery. The advanced construction methods using aluminium extrusions enables weight and cost optimisation for the carbody design well in line with the existing vehicle concepts. One significant innovation in these further developed coaches are the pneumatic spring fitted Stadler bogies which ensure a quiet and comfortable ride.

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## Technical features

- Car shell body of Aluminium Extrusion Profile
- Light, passenger friendly interior with
- Window panes extended into contour of the roof
- Enhanced journey comfort due to proven seating arrangements and bogie air suspension
- Air-conditioned passenger compartments
- Anti-glare central lighting with a comfortable light distribution
- Passenger Information System
- A sound studio with a public address system installed in the service car
- Comfortable and concealed WC system in the B cars
- Handicapped accessible WC in the A-Coaches
- Use of the latest technology in the area of energy supply
- Good accessibility to the components needing service
- Vacuum- or pneumatic-controlled load-dependent compressed air brakes, spring-operated brakes
- Air-cushioned trailing bogies

## Vehicle Data

## Coach A

## Coach B

(B-Service)

Customer	Rhätische Bahn, Switzerland	
Lines operated	Chur/St. Moritz – Tirano	“
Gauge	1000 mm	“
Designation	Bernina Express	“
Number of vehicles	6	6 (+4 Service)
Service start-up	2006 / 2007	“
Seating capacity	28	51 (43)
Standing capacity	57	46 (49)
Service coach	-	- (1)
Floor height	993 mm	“
Door width	850 mm	“
Longitudinal strength	800 kN	“
Overall length	16'450 mm	“
Vehicle width	2'650 mm	“
Vehicle height	3'540 mm	“
Tare weight	18 t	18,2 t (18 t)
Bogie wheelbase	1'800 mm	“
Trailer wheel diameter (new)	685 mm	“
Maximum speed	100 km/h	“
Effective load	6.4 t	6.2 t (6,1t)

