



In 1999, the elevated light rail transit system, the 'skytrain', was handed over to the customer one month before the contractually scheduled date. The approximately 23 km long route consists of two lines: Sukhumvit and Silom.

The skytrain offers its passengers rapid and reliable transport and presents itself as being an extremely attractive and environmentally friendly alternative to road transport. Today the skytrain transports about 400,000 passengers daily.

Siemens was a leading member of the consortium and responsible for project management, system integration, signaling, telecommunications, automatic fare collection, traction power supply system, Scada, third rail, track work, workshop facilities, construction services, the vehicles, assembly, commissioning and maintenance for a period of five years.

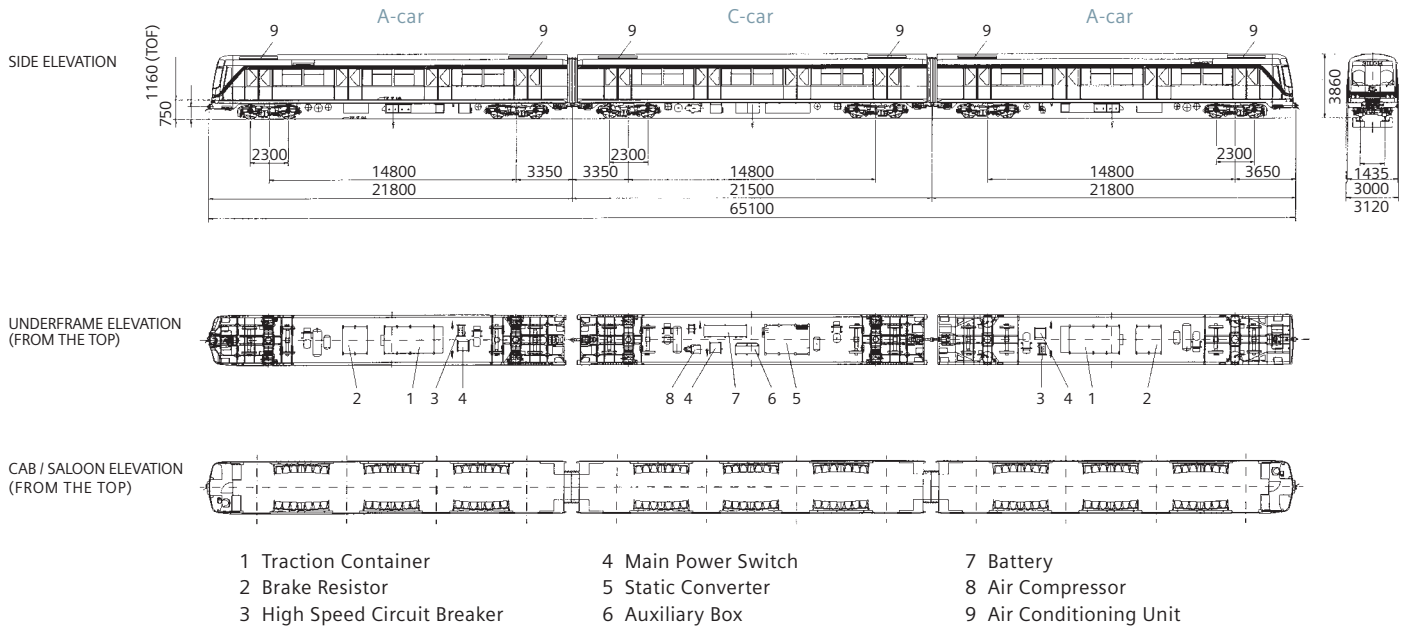
The rolling stock for this turnkey system was developed in cooperation with Porsche Design.

Technical Data

Train configuration	MC+T+MC
Wheel arrangement	Bo'Bo'+2'2'+Bo'Bo'
Carbody material	Stainless steel
Track gauge	1,435 mm
Length over couplers	65,100 mm
Width of car	3,200 mm
Floor height above top of rail	1,150 mm
Wheel diameter new / worn	850 mm / 775 mm
Tare weight / total weight	102.5 t / 155 t
Max. axle load	14.5 t
Number of seats	126
Train capacity 6 pers./m ²	846
Passenger doors per car	2 x 4
Min. curve radius, service line / depot	87.5 m
Max. gradient	3.5 %
Max. speed	80 km/h
Max. starting acceleration	1.1 m/s ²
Deceleration service brake	1.1 m/s ²
Power supply	750 V DC / Third rail

Metro System – Skytrain Bangkok BTS, Thailand

35 Three-Car Units



Interior

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The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.