



Light Rail Articulated Vehicles



Australia's Public Transport Corporation in the city of Melbourne is a world leader in modern tram technology.



Backed by over 100 years experience in tramcar operation, the Public Transport Corporation now operates the biggest tram network in the Western World, using over 600 vehicles to transport 112 million passengers a year over 24 million vehicle kilometres.

The Light Rail Articulated Vehicles built by A.B.B. Transportation have been designed to meet The Met's stringent passenger comfort and operational requirements, with The Met having considerable input into their design and prototype testing – undertaking both the conceptual design and detailed specification.

The vehicles are air-conditioned, with cloth covered seats. They seat 76 passengers, but can comfortably carry

another 106. Each vehicle is articulated, having a total length of 23.5 metres.

Powered by two traction motors, developing a power rating of 195kW at 600 volts, the Light Rail Articulated Vehicle has a top speed of 80 kilometres per hour.

In Melbourne it operates on converted heavy rail reserve, as well as select tram routes within the existing tram network.

Its flexibility in transporting large numbers of people almost from their door right into the heart of the city, quickly, safely and reliably, has many advantages for transport planners, providers and users.