

THE SINGAPORE MRT EXTENSION WORKS



(October, 2016) The Singapore Mass Rapid Transit (MRT) system was started in 1987 with just five stations. Today, the system spans the whole city-state with 101 stations spanning 170.7 km of route. It supports an average daily ridership of about 3.031 million passengers.

On 11 January 2011, an extension to the East West Line was announced by the Singapore government. Called the Tuas West Extension, it extends the line with an addition of four more stations, bringing it closer to the second causeway link to neighboring Malaysia. The construction work started on 4 May 2012 and is expected to be completed in 2017.

It will add another 7.5 km (4.7 mi) of twin-tracked MRT viaduct. Together with the road viaduct that is being built, the extension will help increase road capacity. Commuters of public transport will also save a significant amount of travel time once the extension becomes operational.

Aver Asia (S) Pte. Ltd. rented out 120 Genie machines for the project that included, Genie Z-80/60, GS-5390 RT, S-105, GS-1930, Z-34/22 N, GS-2646. They clinched the deal due to the long term working relationship they had with the client. The latter had full trust in Aver Asia's recommendations on the right machines to use.

The machines came into the project at the M&E stage to do electrical and fire protection installations. The Genie machines were mainly used to elevate workers to hard to reach areas of the MRT viaducts. "The narrow working space created a big maneuverability issue," says Steven Lee, Sales Manager, Aver Asia. "So we had to ensure that our machines are always kept in good condition, especially the tyres and body. One small fault could have serious consequences on the job."