



DTL3 is a 21km, underground, automatic, driverless metro in Singapore to improve rail connectivity between the eastern corridors and the central business district. The project forms the last stretch of the 42km Down Town Line. The TBMs are equipped with the TUnIS Navigation System of VMT GmbH and additional information systems.

Singapore Down Town Line 3

TBM in Start Shaft



Display of TUnIS TBM Laser



Project Overview



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|----------------------------|---|
| Project Start | 2012 |
| Contractor | Land Transport Authority (LTA) Singapore |
| Navigate Tunnelling | |
| Navigation System | TUnIS Navigation TBMLaser |
| Machine Type | Herrenknecht / EPB-Shilds / 12 TBMS |
| Diameter | 6,6 m |
| Tunnel Length | 16.6km (Length of all machines) |
| Manage Information | |
| Information Systems | <ul style="list-style-type: none"> - TUnIS Ring Sequencing - TUnIS Office - IRIS.tunnel and IRIS.tunnelviewer |
| Service Precision | |
| Service | <ul style="list-style-type: none"> - Ring Sequence Prediction - Alignment Calculation - TBM Survey in Factory - Project Preparation - Commissioning and Training for Personnel |