



Luxury high speed diesel multiple unit

A national standard for fast, safe and comfortable rail travel

OVERVIEW

This high speed train was commissioned by the Western Australian Government Railways Commission (TransWA) to service the Perth to Kalgoorlie line.

The 653km Perth to Kalgoorlie journey now takes about six hours, reducing travel time by nearly two hours.

This Diesel Multiple Unit (DMU) is one of the nations fastest and most comfortable with a range of features. These include reversible leather and cloth seats with a modular club-style table option and extensive passenger entertainment systems, including video and music channels, which makes the Prospector a truly world-class train.

The wood feature panelling in the Prospector carriage comes from native West Australian tree varieties selected by the Western Australian Government Railways Commission.

The stainless steel body is designed to weather the test of time and distance through the harsh Australian outback.

The Prospector was two years in development and incorporates world-class features and bespoke design elements to meet specific client requirements. It carries up to 158 people in luxurious comfort.

The sleek, aerodynamic driver's cabin includes touch-screen technology and each car has two Cummins diesel engines to ensure back-up traction is available.

The Prospector was designed and built at UGL's dedicated 'Technology & Product Development' facility in Newcastle. This facility is Australia's largest rolling stock manufacturing site.

The Avonlink is a two-car set based on the Prospector and is designed to provide a service between Perth and Northam.

MODEL: Diesel Multiple Unit (DMU)

CLIENT: Western Australian Government Railways Commission (TransWA)

GAUGE: 1,435mm

PROSPECTOR



FEATURES

PROSPECTOR

- Buffet
- Driver's view camera
- Music channels
- Telephone/fax
- Video entertainment

AVONLINK

- Air-conditioning
- Computers
- Data point for laptop
- Disability Act compliant
- Security cameras

SPECIFICATIONS

Number of vehicles	9
Traction engines	2 x Cummins N14E-R3, 386 kW
Power supply	Transtechnik
Transmission	2 x Voith T212bre
Passenger capacity	158 per 3 cars
Seating capacity	WDA Car with buffet: 38 WEB Car: 60 WDC Car: 60
Maximum design speed	200 km/h
Bogies	Siemens Sf5000
Braking	Knorr-Bremse



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