

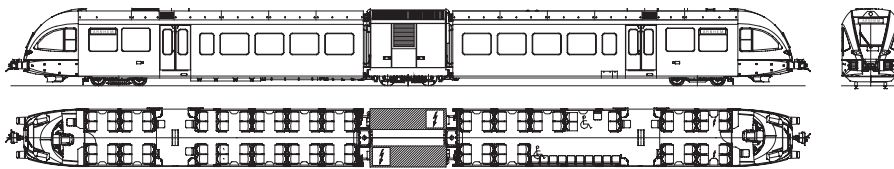


GTW DMU 2/6 and GTW 2/8 low-floor for Arriva Netherlands

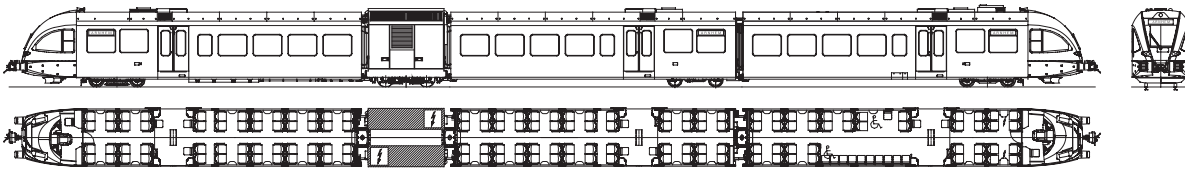
Based on the diesel articulated railcars for regional rail service in the provinces of Groningen and Friesland, Stadler developed a new generation of GTW DMU 2/6 and 2/8 for the region of Achterhoek–Rivierenland. The trains are equipped with economic diesel engines (Stage 3b). Remarkable is the excellent comfort with air-suspension, 2&2 seating arrangement and extra wide seat pitch. STADLER GTW DMU fulfil the requirements of TSI PRM and the norms of energy absorption in case of a collision. With the 4th generation of GTW DMU, Stadler presents an approved, modern and economic railcar for an excellent service in public transport.

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GTW 2/6



GTW 2/8

Technical features

- Bright, friendly interior with large window areas
- Extra wide seat pitch
- Interior and exterior design according to TSI PRM
- Transparent, open interior design
- Air-conditioned passenger and driver compartments
- Prepared for installation of closed toilet system
- Stepless passenger compartment with wide doors: low floor section > 75%
- Body structure fulfils the EN standard for energy absorption in the event of collision
- 2 to 3 entrance doors per side
- Spacious multipurpose area in entrance sections
- Air-suspended power and trailer bogies
- Ergonomically designed driver's cab
- Traction equipment housed in a separate power car
- Redundant traction chain consisting of two units, each with a diesel engine, asynchronous generator, IGBT power converter and asynchronous drive motor
- Diesel engine fulfils requirements of Stage 3b
- Vehicle control system with train bus and diagnostics computer
- Multiple-unit control for up to four vehicles

Vehicle Data

	GTW 2/6	GTW 2/8
Customer	Arriva	Arriva
Lines operated	Achterhoek–Rivierenland	
Gauge	1435 mm	
Axle arrangement	2'Bo'2'	2'2'Bo'2'
Number of vehicles	13	11
Service start-up	2012	2012
Seating capacity 2. Kl.	84	136
Seating capacity 1. Kl.	8	8
Fold up seats	16	19
Floor height		
Low floor	830 mm	830 mm
High floor	996 mm	996 mm
Door width	1300 mm	1300 mm
Longitudinal strength	1500 kN	1500 kN
Overall length	40890 mm	55937 mm
Vehicle width	2950 mm	2950 mm
Vehicle height	4035 mm	4035 mm
Tare weight	ca. 71 t	ca. 91 t
Bogie wheelbase		
Power unit	2100 mm	2100 mm
Trailer unit	2100 mm	2100 mm
Powered wheel diameter (new)	870 mm	870 mm
Trailer wheel diameter (new)	750 mm	750 mm
Maximum power at wheel	600 kW	600 kW
Starting tractive power	80 kN	80 kN
Maximum speed	140 km/h	140 km/h